

Win
an AT Q-Drive
worth £229!

Tutorials: Imagine ■ Scala MM300 ■ Comms ■ Graphics FX special

AMIGA

M Revealed
at last!

The New Amiga!

SIX TIMES FASTER! CD-ROM
DRIVE! WEIRD! WONDERFUL!

IN E

Amiga!

Full
details
inside!



000 Hit the Surf!
We test the new Amiga Surfer Pack ...

Lightwave 4.0
The biggest, the best ... the last?

No disks or book?
Ask your
Newsagent now.

GAMES

- Slamtilt Pinball
- Tracksuit Manager 2
- More Tennis Champs
- Xtreme Racing tracks

An EMAP Images Publication £4.50



05 >

9 770963 009051

US\$10.00 • £17.00 • ASCH175 • BFR 390 • DM 20.00

XL 1.76MB



XL DRIVE
£69.95



INT. DRIVES



FROM
£30.95

SYQUEST EZ



EZ 135MB
£239



GENIUS



GENIUS TAB
£195



68020 EC



FROM
£99.95



EPSON SCAN



MEGACHIP
£479



POWERSCAN



FROM
£89.95



SUPER XL DRIVE

The Super XL Drive allows you to store 3.5MB on a high density disk.

3.5 SUPER XL DRIVE **£129.95**

1.76 XL DRIVE

The XL Drive allows you to store a 1.76MB on a high density disk.

1.76 XL DRIVE EXTERNAL **£69.95**

1.76 XL DRIVE INTERNAL **£75**

1.76 XL DRIVE A4000 **£75**

PC88OB EXT. POWER DRIVE **£49.95**

INTERNAL DRIVES

PC881 A500 **£30.95**

PC882 A2000 **£35.95**

PC883 A600/1200 **£35.95**

HARD DRIVES

3.5 IDE **£POA**

3.5 SCSI **£POA**

120MB 2.5 IDE **£89.95**

340MB 2.5 IDE **£169.95**

510MB 2.5 IDE **£289.95**

850MB 2.5 IDE **£439.95**

1 GIGABYTE 2.5 IDE **£CALL**

DISK EXPANDER (WITH HD PURCHASE) **£15**

RAPID FIRE SCSI

Rapid Fire SCSI-II controller card. Install up to 8MB on-board. For the A2000, A3000 and A4000.

DKB RAPID FIRE SCSI-II **£139.95**

M-TEC HD

External IDE hard disk for the A500 comes complete with an internal ROM switcher, and upgradable to 4MB RAM

M-TEC AT500 BARE **£99**

PLEASE CALL FOR HD SIZES

MEMORY REQUIRES 30-PIN SIMMMS

ZIP DRIVE

ZIP DRIVE 100MB SCSI **£199.95**

ZIP DRIVE Inc. Squirrel **£249.95**

100MB DISKETTE **£19.95**

ZIP DRIVE REQUIRES SQUIRREL SCSI INTERFACE

SYQUEST EZ135

The Syquest EZ135 drive is an ideal storage device. The EZ Drive stores 135MB on a single 3.5" cartridge and has a seek time of 13.5ms. Comes complete with one 135MB cartridge. (A SCSI interface is required)

SYQUEST EZ135MB **£239.95**

135MB CARTRIDGE **£19.95**

SCANDOUBLER II

ScanDoubler II is a full 24-bit AGA flicker fixer which automatically de-interlaces all AGA screen modes and scan doubles non-interlaced PAL/NTSC modes to allow VGA monitors to display them.

SCAN DOUBLER II **£399**

phone orders

We accept most major credit cards and are happy to help you with any queries.

postal orders

Ordering by cheque/PO please make payable to Power Computing Ltd and specify which delivery is required.

warranty

All Power products come with a 12 month warranty unless otherwise specified.

VIDEO BACKUP 3

Backup to 520MB onto a 4hr VHS tape. Version 3 has new backup modes for Amiga's with a 68020 or higher CPU.

VIDEO BACKUP SCART **£49.95**

VIDEO BACKUP PHONO **£45.95**

UPGRADE TO VERSION 3 **£20**

FLOPPY EXPANDER

Save 1.5MB on a standard floppy drive and 3MB when used in conjunction with the XL Drive 1.76.

FLOPPY EXPANDER **£10**

DISK EXPANDER

Disk Expander can add up to 50% to your hard drive capacity and works with all drives including SCSI, IDE, Floppies and even the RAM disk. Disk Expander works on any Amiga with any Kickstart.

DISK EXPANDER **£19.95**

SX-32

SX-32 is an internal add-on card for your CD32 and features: VGA port, RGB port, parallel port, serial port, external disk drive port (1.76MB), clock, controller for 2.5" hard disk, and a SIMM socket (up to 8MB). Turn your CD-32 into a A1200.

SX-32 MODULE **£199.95**

CHIPS & SPARES

256 x 32 SIMM 72-PIN (1MB) **£40**

512 X 32 SIMM 72-PIN (2MB) **£75**

1 X 8 SIMM 32-PIN (1MB) **£POA**

4 X 8 SIMM 32-PIN (4MB) **£POA**

1 X 4 STATIC COLUMN A3000 **£25**

1 X 4 DIP **£25**

256 X 4 DIP **£5**

1 X 1 DIP **£5**

CIA **£12**

GARY **£19**

PAULA **£19**

DENISE **£19**

SUPER DENISE **£25**

KEYBOARD IC **£12**

FAT AGNUS 1MB **£19**

FAT AGNUS 2 MB **£29**

PRINTER CABLE **£6**

RS232 CABLE **£6**

SCSI EXTERNAL **£15**

WORKBENCH 3.1 A500/2000 **£85**

WORKBENCH 3.1 A3000/4000 **£95**

ROM SHARE DEVICE **£19**

2.04 ROM CHIP **£25**

FOR ANY SPARES REQUIRED PLEASE CALL

PRINTERS/MONITORS

MICROVITEC 1438 14" **£289**

EPSON STYLUS INC. PAPER **£489**

EPSON STYLUS COLOUR IIIs **£249.95**

EPSON STYLUS COLOUR II **£335.95**

EPSON STYLUS 820 **£219.95**

EPSON STYLUS/PRO XL INCLUDE STUDIO II SOFTWARE

STUDIO II SOFTWARE **£49.95**

GVP HC-8 SCSI

SCSI hard card which can fit 8MB of RAM on-board.

HC-8 SCSI CARD **£99**

GVP G-LOCK

Award winning Amiga Genlock.

G-LOCK AMIGA GENLOCK **£259**

IO-EXTENDER

Zorro II card that provides an additional serial port, parallel port and connection for optional RS422 and RS232 port. Call for details

ioEXTENDER **£69.95**

GVP RAM

Official GVP RAM SIMMs.

4MB GVP RAM **£159**

16MB GVP RAM **£549**

A 2000 68060

A 68060 accelerator board for the A2000 running at 50MHz and allowing up to 128MB of user installable memory and a SCSI-II hard disk controller.

A2000 68040 (0MB RAM) **£629.95**

A2000 68060 (0MB RAM) **£799.95**

4MB STANDARD ADD **£125.95**

4MB GVP ADD **£159**

SPECIAL OFFER

MODEMS

ACEEX V32 BIS 14.4 NOT BT APPROVED **£80**

X-LINK TRUE V34 28.8 BT APPROVED **£199.95**

ALL MODEMS INCLUDE SOFTWARE AND CABLES

HI-SOFT

SQUIRREL SCSI INTERFACE **£59.95**

AURA **£79.95**

MEGALOSOUND **£29.95**



squirrel SCSI interface included where you see this logo

SURF SQUIRREL

Surf Squirrel offers an even higher SCSI performance, auto-booting, and ultra-fast serial port. Surf Squirrel is the ideal expansion peripheral for your Amiga 1200. Please call for more information.

SURF SQUIRREL **£99.95**

SQUIRREL MPEG

Squirrel MPEG allows you to play VideoCD and CDI CD-ROM's. Squirrel MPEG brings high quality digitally mastered images and 16-bit stereo sound to you and your Amiga.

SQUIRREL MPEG **£199.95**

mail-order terms

All prices include VAT. Specifications and prices are subject to change without notice. All trademarks are acknowledged. All orders in writing or by telephone will be accepted only subject to our terms and conditions of trade, copies of which are available on request.

PLEASE CALL IF YOU HAVE ANY QUERIES



RAM EXPANSION

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM £90

MEMORY CARDS

512K RAM WITH CLOCK £24.95

512K RAM WITHOUT CLOCK £19.95

A600 1MB RAM £39.95

A500+ 1MB RAM £29.95

MEGACHIP RAM

Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own 2MB RAM and also now includes a 2MB Fat Agnus. No soldering is required.

MEGACHIP RAM £159.95

A 500 68020 EC

A 68020 EC processor accelerator card for the A500 and A500+, with an option to fit a 68881 or 68882 co-processor (PLCC or PGA). This card can fit upto 4MB FAST RAM and is fully auto-configuring.

NOT COMPATIBLE WITH GVP HARD DRIVE

A500 68020 EC 0MB RAM £99.95

A500 68020 EC 4MB RAM £189.95

GRAPHIC/VIDEO

PICASSO II 2MB RAM £249.95

INCLUDING TV PAINT JNR.

PICASSO II 2MB RAM £399.95

INCLUDING TV PAINT 2

VIDEO DAC £25

18-BIT GRAPHICS ADAPTOR

VGA ADAPTOR

VGA ADAPTOR £15

GLIDEPOINT

Intuitive cursor control at your finger tips, 'Tap' for an instant selection. Connects to the Serial port. (This is not a graphics tablet)

ALPS GLIDEPOINT £59.95

GENIUS TABLET

High resolution pen and cursor controlled graphic tablet, including cables and software. Power Template software includes templates for DPaint V, DPaint IV AGA, PPaint 6.4. What's more you can create your own templates using this software (for any 2.0/3.1 compliant software). When using the cursor it will emulate a 3 buttoned mouse.

GENIUS TABLET 12 X 12 £195.95

INCL. PEN, CURSOR AND POWER TAB/TEMP S/W

GVP GURU-ROM V6

A SCSI driver for all Series II host adaptors and accelerator cards for all Amiga computers. Please call for further information. For GVP Only.

GURU-ROM V6 £49.95

FREE CD'S
Diggers/Oscar
Chaos Engine



68040/060

FALCON 68040RC 25MHZ £399.95

FALCON 68060RC 50MHZ £649.95

4MB SIMM £89.95

8MB SIMM £189.95

16MB SIMM £399.95

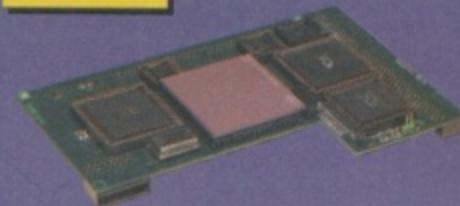
FALCON NO CPU £349.95

SCSI ADAPTOR £29.95

All Falcon's come complete with a cooling fan

68040RC 25MHZ
£399.95

FALCON



POWER CD-ROM

The Power CD-ROM for the Amiga 600/1200 plugs directly into the PCMCIA port and provides a direct SCSI-I and SCSI-II interface, allowing up to six additional devices to be connected. What's more the Power CD-ROM features a 'Hot-plug' which allows you to connect and disconnect the CD-ROM and any other additional devices even when the Amiga is switched on.

The CD-ROM drive comes with a SCSI interface, PSU, manual, audio lead, mains lead and software which includes Audio CD, CD32 Emulator, MPEG Film Decoder and Photo CD.

AMIGA 600/1200

x2 SPEED CD-ROM INC. SQUIRREL £179

X4 SPEED CD-ROM INC. SQUIRREL £249

AMIGA 4000

DUAL SPEED CD-ROM EXT. £139

QUAD SPEED CD-ROM EXT. £199

AMIGA 4000 SCSI-INTERFACE £129

SCSI CABLE £10

POWER SCANNER

Scan in 24-bit at upto 200DPI (all Amigas not just AGA)*, Scan in 256 greyscales at up to 400DPI (all Amigas), Thru'port for printer connection, Fully supports AGA chipset, Display HAM8/24-bit images on a non-AGA Amiga (via image conversion), full editing facilities included. Works with 2.04 ROM or above, min 1MB (recommend 2MB).

POWER SCAN 4 B/W £89.95

POWER SCAN 4 COLOUR £169.95

OCR (BOUGHT WITH SCANNER) £20

OCR SOFTWARE £49.95

POWER SCAN 4 S/W ONLY £20

PC INTERFACE + COL S/W £49.95

PC INTERFACE + B/W S/W £39.95

FLATBED SCANNERS

24-bit A4 flatbed scanners, complete with software, cables and manual.*

EPSON GT-5000 £479.95

24-BIT, INC. POWERSCAN SOFTWARE

EPSON GT-8500 £579.95

24-BIT, INC. POWERSCAN SOFTWARE

EPSON GT-9000 £729.95

24-BIT, INC. IMAGE FX REV. 1.5 SOFTWARE

ADPRO SOFTWARE £149.95

IMAGE FX 2.0 S/W £149.95

SCANNER SOFTWARE

FLATBED POWERSCANNER S/W £35

WORKS WITH ALL EPSON FLATBED SCANNERS

68040RC 25MHZ

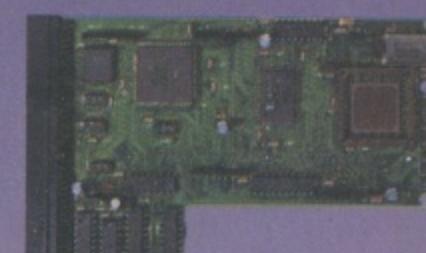
£399.95

FALCON

STARTING FROM

£119.95

VIPER



CO - PROCESSOR

FPU's complete with crystal. Please state for Blizzard compatibility.

20MHZ FPU PLCC £20.95

33MHZ FPU PLCC £39.95

40MHZ FPU PLCC £60.95

50MHZ FPU PGA £89.95

VIPER MK1 SCSI-ADAPTOR £79.95

PC 1208

A1200 8MB RAM card which uses 1 x 32 SIMMs and is PCMCIA friendly.

PC1208 BARE £55.95

PC1208 1MB £85.95

PC1208 2MB £119.95

PC1208 4MB £145.95

PC1208 8MB £249.95

NAME

ADDRESS

.....

.....

.....

.....

.....

SYSTEM OWNED

DESCRIPTION

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

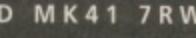
TEL: 01234 273000

FAX: 01234 352207

POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW

<http://www.powerc.com/>

email sales@powerc.demon.co.uk



POWER

contents

CU AMIGA MAGAZINE • MAY 1996

Feature

The quest for Amiga

31

Just how easy is it to find Amigas and Amiga software? Are the constant reports we're bombarded with about its unavailability actually true? We sent the Amiga Police into the nation's high streets to find out.

Games

REVIEWS

• Slamtilt Pinball

41

21st Century are back with a bang with what could be the greatest pinball sim ever.

• Tracksuit Manager 2

46

Statistic heaven? Manager's manna? Find out if TM2 gets to join the pro squad.

• Exile Data Disk

47

Unusual data disk for a popular platformer. But you'll be glad you got it.

• Super Tennis Champs Disk

51

Another data disk with style: at a bargain price too. This time women hit the circuit.

• XTreme Racing Disk

51

More tracks and an editor. Value or rip off? Find out on page 51.

PLAYERS GUIDES

• Vampyra

55

More deep debate and dire puns as the Queen of queries solves your rogue RPGs.

• Snip Tips

57

Matt Broughton, the Sid James of tips pages, laughs his way through this month's Snip Tips.

• Odyssey

58

Some top hints to help you through this ever changing platform game.

Super Tennis Champs 51



Get Serious

REVIEWS

• Amiga Surfer

62

The one stop solution to your 'net needs or a vacant blond beach bum?

• Ethernet on Amiga

66

How to create a fast paced network solution for big box Amigas.

• LightWave 4.0

70

The rendering king gets bigger and better. But is it worth £700?

• Power Tab

72

Not some sort of pep-up pill! It's a valuable device for artists.

• Diavolo Backup

74

Could a backup program ever get exciting? Mat B thinks so

• ImageVision

76

Fancy some multimedia authoring? Then check out this product.

LightWave 4.0 70



CD-ROMS

• CD-ROM Round Up

79

The month's best CD-ROMs rounded up and branded.

PUBLIC DOMAIN

• PD Scene

83

The latest games, demos and other funky items from the shareware world.

• PD Utilities

86

Not on the net yet? Don't worry there is a way to get all that lovely free software.

ART

• Art gallery

90

Lisa Collins showcases this month's selection of readers' art.



Cover Disks



Soundtracker Pro II

9

One of the best trackers to have appeared for ages, this will help you get the most music power from your Amiga, whatever system you have. Plus: Dominator MIDI sequencer demo, Tune of the Month and some more exclusive earth-shaking sound samples!

Alien Breed 3D2

12

A stonking exclusive cover disk from Team 17 featuring a level from their forthcoming blockbuster 3D game. You think you've seen it all: you've seen nothing yet. Sorry, all those with under 4Mb, you'll just have to wait a little longer ...

The New Amiga 20

Welcome to the next generation Amiga! CU Amiga Magazine is proud to present the future and boy it's bright: CD-ROM as standard, enhanced internal expandability, a fast processor and a decent RAM allocation. All that and a new version of Workbench. See our extended news feature for more details.

Then check out the superb Amiga Technologies competitions on pages 28 and 39.



Imagine 3.0	92
The mysteries, and indeed the raison d'être of the Action Editor is explained in this month's tutorial.	
Graphics Masterclass	94
A two-pronged attack: first there's a bluffer's guide to caricatures, then there's a top class 24-bit car picture.	
Wired World	96
All the latest from the ever changing world of comms and Internet, plus this month's sermon from Net God.	
Scala MM300	100
So you have Scala from the Magic HD pack but no manual? Never fear, Norman Harris is here to light the way.	
Frequently Asked Questions	104
Find out how to create your own World Wide Web pages using HTML authoring. John Kennedy is your guide.	
Q+A Masterclass	112
It's ARexx time once more, as John Kennedy continues his programming series.	
Questions and Answers	114
Your technical queries answered by CU Amiga's expert team of spanner heads and wing nuts.	
Points of View	116
CU Amiga Magazine's main men voice their opinions on the brand new Amiga 'Walker'.	
Backchat	118
Opinionated readers get to broadcast their own views to the masses in the regular letters page.	

Subscriptions	102
A subscription to your favourite magazine is such a treat: have it delivered to your door every month, save up to £1.50 on the cover price ... find out how on page 102.	
Back issues	122
Go on, treat yourself. If you've got holes in your CU Amiga Magazine collection turn to page 122 to find out just what you're missing: it's a lot!	

Editorial

MAGIC KINGDOM FREQUENTER: Alan 'Fake tan' Dykes
DEPUTY HEAD HITTER: Lisa '26 pages in one day? NO!' Collins
CHIEF DAVE ANNOYER: Tony 'Nearly finished' Horgan
SENIOR WEB BROWSER: Mat 'Sausage-side' Bettinson
HEART EDITOR: Helen 'Papiér mäché queen' Danby
PUB DESIGNS: Anthony 'Book in a day' Collins
TECHNICAL CONSULTANT/GUINNESS HEAD: John 'Frothy' Kennedy
GAMES CONSULTANT (lying down): Matt 'Not Bettinson' Broughton
CONTRIBUTORS WERE AND ARE: Vampyra, Andy Mitchell, Martin Davies, Norman Harris, Andy Leaning, John Allardice, Alan Bunker, Jason Compton
PHOTOGRAPHY: Ben Jennings
COVER IMAGE: Rank Amateurs
SYSTEMS AND REPRO: Sarah-Jane d'Leavey, Sarah McBest, Gary O'Lord

Advertising/Marketing & Management

ADVERTISING MANAGER: Justine 'Green fingers' Carlson
SENIOR SALES EXECUTIVE: Marianna 'Newly promoted' Masters
AD PRODUCTION: Tina Gynn, Ryan Boundy, Fiona Conway
PRODUCT MANAGER AND SHOW ORGANISER: Vicki 'Pay day' Jacobs
PUBLISHING DIRECTOR: David 'Chapped lips' Kelly
EXECUTIVE PUBLISHING DIRECTOR: Graham Taylor

Contacts

When contacting CU AMIGA MAGAZINE there are two golden rules.
1: Send your letters etc to the right department (see below) and please do not send an SAE for reply.
2: Please remember that we have to write and produce your favourite magazine every month, so try to keep your correspondence short and to the point. Although we'd love to, we simply cannot reply personally to the hundreds of calls, letters, and faxes we get. Answers have to be through the pages of the magazine only.
ADVERTISING AND ADVERTISING PROBLEMS: If you wish to advertise, or have a problem with a company advertising in CU AMIGA MAGAZINE our advertising team will be glad to help. Contact Justine Carlson or Marianna Masters on 0171-972 6700, fax them on 0171 216 6219, or write to them at: ADVERTISING, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.
READERS' LETTERS AND TECHNICAL PROBLEMS: For general, non-technical, enquiries send your letters to Backchat. For technical problems send them to Q&A. Both are at CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Phone: 0171 972 6700, FAX: 0171 972 6703. Please remember that we cannot answer enquiries in detail by phone. If you need advice urgently or have a problem then do call us between 4.30pm and 5.30pm Tuesdays, Wednesdays and Thursdays. We will try to assist you within these hours, but complex questions may be too difficult to resolve over the phone. Because of press deadlines we may have to ask you to call at another time. Alternatively, E-Mail us at backchat@cu-amiga.demon.co.uk or Q+A@cu-amiga.demon.co.uk.

PD SUBMISSIONS: We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to the PD ZONE, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

COMPETITIONS: CU AMIGA MAGAZINE often runs competitions. To enter one of these simply put your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by

Editorial

The new Amiga arrived in grand style at the CeBIT show in Hanover and is due to make its second appearance at the World Of Amiga in the UK. This is the first new Amiga for nearly two years (after all the A4000 Tower is simply an update of the original Commodore prototype) and the first to be designed from the outset by Amiga

Technologies. The basis of the machine is still the AGA chipset, Paula and the Motorola 68000, but it's the up-to-date approach of providing adequate RAM, a fast processor, CD-ROM drive and hard drive that makes this new machine so much more competitive than the ones it will eventually replace. That's not to say that if you own an A1200 it's out of date though: much of what 'Project Walker', as it is currently known, will do can be done with your machine if you upgrade it, but those considering the merits of buying a new Amiga will have more choice as a result of this development. No doubt it will cost more than the A1200, but you get what you pay for and its specification is correspondingly higher. As for its looks... well it has its devotees, not least in this office. It also has its detractors – in this office too. But it's certainly distinctive and that's the way it should be if it is to compete. Let's hope the Walker doesn't lose too much of this in its metamorphosis from prototype to production.

Alan Dykes, Editor

Advertisers' Index

1ST COMPUTER CENTRE	18 & 19	0113-231444	HI SOFT	26 & 27	01525-71818
17 BIT SOFTWARE	73	01924-366982	INTRINSIC COMPUTER SYSTEMS	40	01474-335294
ACTIVE SOFTWARE	88 & 89	01325-352260	MARPET	54	01423-712600
ANALOGIC	78	0181-546-9575	MEGATRONIX	50	01384-77172
CARE ELECTRONICS	75	01923-894064	OWL	65	01543-250377
CENTURION P.D	30	01274-677673	P.D. SOFT	48 & 49	01702-466933
CU AMIGA CLASSIFIED PAGES	106-108	0171-972-6700	PLEXUS MEDIA	109	0345-660015
DART COMPUTER SERVICES	54	0116 2470059	POWER COMPUTING	I.F.C. 3, O.B.C	01234-843388
DATEL	44 & 45	01782-744707	PREMIER MAIL ORDER	99	01268-277172
EFFIGY SOFTWARE	50	01526-934020	RESPONSE ADVERTISING	65	01423-530691
EMERALD	53	0181-7158866	SELECTAFONT	65	01702-202835
EPIC MARKETING	56 & 81	01793-490988	SIREN SOFTWARE	11	0161-7965279
EVERGLADE	40	01667-454933	SOFTWARE 2000	68 & 69	01374-678068
EXCLUSIVE PD	85	01705-642409	SPECIAL RESERVE	14 & 15	01279-600204
FAST COMPUTER SERVICES	54	0171-252-3553	UNITED P.D	75	01938-529594
GORDON HARWOODS	7,17 & 36	01773-836781	V.12	82	01507-450114
GREYTRONICS	43	0181-6869973	VISAGE COMPUTERS	8	0115-8444501
G.T.I.	59	0049617185937	VULCAN SOFTWARE	30	01705-670269

post. One entry per person please and the editor's decision is final. Winners will be notified by post. Other rules may be printed from time to time.

BACK ISSUES: 01858 468 888. Subject to availability. UK price: £5.25 (inc P+P). ROW (£7.25).

SUBSCRIPTION DETAILS: Subscriptions are available from Tower Publishing, Tower House, Sovereign Park, Lathkill Street, Market Harborough LE16 9EF Tel: 01858 468888. Annual subscription rates (inc postage) 12 issues: UK/BFPO £36.00. SURFACE/ROW £64.00 AIRMAIL, EUROPE £74.00. AIRMAIL ROW ZONE 1 £116.00. AIRMAIL ROW ZONE 2 £116.00.

COVER DISK PROBLEMS: If you have a faulty cover disk then write or return your disk to our 3.5 inch floppy people: CU AMIGA MAGAZINE COVER DISK RETURNS, PC WYSE, DOWLAIS TOP BUSINESS PARK, DOWLAIS, MERTHYR TYDFIL, MID GLAMORGAN CF4 8YV. PLEASE USE THE FORM ON PAGE 16 AND REMEMBER TO PROVIDE DETAILS OF THE PROBLEM.

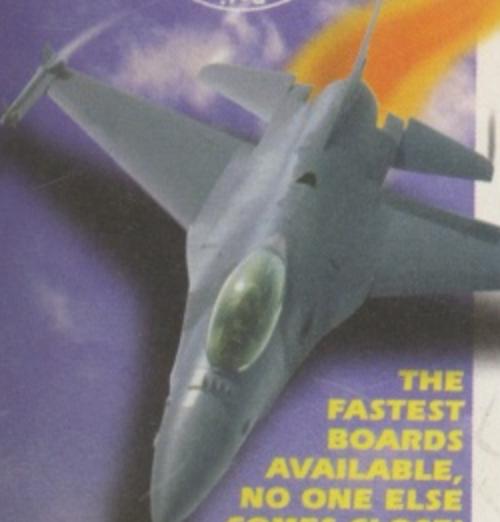
COMMS: You can contact CU AMIGA MAGAZINE, via the Internet/E-Mail on general@cu-amiga.demon.co.uk. Please keep E-Mail brief and to the point.

© EMAP Images 1995/1996. No part of this magazine may be reproduced in any form, either electronic or mechanical, or sold without the express written permission of the publisher. Cover disks remain the copyright of their respective suppliers and may not be duplicated, distributed or sold on without their permission. All material and prices are believed to be accurate at the time of going to press. CU AMIGA MAGAZINE attempts to maintain the highest standards, but cannot be held responsible for any errors, factual or otherwise which may have inadvertently crept into the issue. None of the reviews or previews in any section of this magazine constitute paid for or otherwise solicited advertisements for that product or supplier. CU AMIGA MAGAZINE is an independent publication and the opinions expressed by its reviewers are their own, free of any outside encumbrance.

PRINTED IN THE UNITED KINGDOM BY ST IVES PETERBOROUGH
ABC: 55,789 Jan - Jun 1995.

The World's FASTEST AMIGAS

are on this page!



**THE
FASTEST
BOARDS
AVAILABLE,
NO ONE ELSE
COMES CLOSE!
COMPARE THE PERFORMANCE
FIGURES FOR YOURSELF!**

Std A500/600/1500/2000	0.55/0.72
Standard A1200	1.33
Standard A4000, '030	4.43
A1200 with 1230-IV, '030 & 4Mb	9.91
Standard A4000, '040	19.10

CYBERVISION 64

64-BIT ENGINE A3000/4000 24-BIT COLOUR ACCELERATED GRAPHICS CARD. For all Zorro-3 Amigas, this 64-Bit high speed graphics engine/blitter offers up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in True 24-Bit Colour, with 2Mb of display memory (4Mb user upgradeable).

Cybervision 64... 2Mb - £299.95
Cybervision 64... 4Mb - £399.95

LIMITED OFFER FREE PHOTGENICS LITE SOFTWARE WITH CYBERVISION 64s

FREE PhotoGenics LITE... Powerful software for image manipulation - the ULTIMATE 24-bit graphics package for A3000 or A4000! Includes 27 effects for processing photos/images such as Emboss, Solarize, Texturize, Add Noise etc. as well as Paint Tools like Chalk Pastels, Crayon, Felt Tips & more - Brilliant! (Packaging is shown for illustration purposes only and is not included)

**THE WORLD'S
FASTEST...
NO QUESTION!**

CYBERSTORM II

NEW

NEW SECOND GENERATION OF THE FIRST EVER 68060 AMIGA ACCELERATOR

When you fit CyberStorm II to your A3000, A3000T, A4000 or A4000T you can, for example, render a graphic with Imagine 2.0 software in just 2.45 minutes... Compare that with a massive 10.34 mins on a standard A4000 '040/25! With no jumpers CyberStorm II is fully plug and play and A4000 users can choose between SCSI-2 and SCSI Fast and Wide options (A3000 users already have SCSI built into their Amiga hardware).

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMs from your Amiga A4000 straight onto your new CyberStorm.
- Options include a SCSI-2 module, or a SCSI Fast and Wide module (Available in April/May '96)

CyberStorm II 68060/50...

50MHz 68060, 0Mb - Expandable to 128Mb) **£699.95**
SCSI-2 Module **£99.95**
SCSI Fast & Wide Module (April/May '96) **£149.95**
SIMM RAM Expansions (Please call for a range of SIMM prices)

Comparative MIPS performance figures measured using SysInfo. Each board had the appropriate SIMM fitted (required to activate accelerator).

38.71

38.71

39.85

SHIPPING NOW!



BLIZZARD 1230 MkIV

50MHz 68030
A1200 TURBO
ACCELERATOR & MMU
0Mb as Standard,
Expandable to 128Mb
9.91MIPS with 60 Nanosecond SIMM fitted

The Blizzard 1230 MkIV Turbo Accelerator Memory Board is the highest performing 68030 accelerator available for the A1200! With its 50MHz 68030 and MMU, the new 1230-IV offers EVEN BETTER PERFORMANCE at a LOWER PRICE! With a SysInfo rating of 9.91 (using a 60 Nanosecond SIMM) you can see the 1230-IV is very fast... a performance gain of up to 500% is achieved! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. An industry standard SIMM socket provides for up to 128Mb of auto-configuring 32-Bit FAST RAM (or up to 256Mb with the SCSI-2 option using its extra SIMM socket).

- May be disabled with Simple Keystroke on Boot Up for Full Games Compatibility, even with Badly Programmed or Older Software!
- Battery Backed Self Recharge Real Time Clock
- High Performance Expansion with Full 32-Bit wide DMA
- PGA FPU Socket allowing Optional 50MHz, 68882 FPU
- Easy Trapdoor Installation - no modifications required and does not invalidate the Amiga's Warranty

1230-IV Turbo 50MHz 68030 & MMU **£179.95**
 0Mb, 32-Bit Fast RAM - Expandable to 128Mb

Fast 60 Nanosecond 4Mb SIMM RAM Expansion **£109.95**
 32-Bit, 72 pin (Call for Larger SIMM prices)

Motorola Maths Co-processor **£99.95**
 68882 PGA type FPU, 50MHz

SCSI-IV KIT SCSI-2 Module for 1230-IV and 1260,
 with additional 128Mb SIMM socket **£89.95**

THE WORLD'S FASTEST A1200 '030 ACCELERATOR!

BLIZZARD 1260

50MHz 68060
A1200 TURBO
ACCELERATOR & MMU
0Mb, Expandable to 64Mb
38.71MIPS with Single Sided
60 or 70 Nanosecond SIMM fitted

The Blizzard 1260 Turbo Accelerator Memory Board offers Amiga A1200 owners FULL 68060 POWER with a board that simply plugs into the trapdoor slot! Now your A1200 will operate at twice or even three times the speed of an '040 based upgrade and up to five times the speed of a standard A4000! If you want THE FASTEST A1200 available, fit a Blizzard 1260 Turbo now!

- May be disabled with Simple Keystroke on Boot Up for Full Games Compatibility... Even Badly Programmed or Older Software!
- High Performance Expansion - Full 32-Bit wide DMA
- Battery Backed Self Recharge Real Time Clock
- Does not invalidate the Amiga's Warranty

1260 Turbo 50MHz 68060 & MMU **£599.95**
 0Mb, 32-Bit Fast RAM - Exp to 64Mb

SCSI-IV KIT SCSI-2 Module for 1260
 and 1230-IV, with additional 128Mb SIMM socket **£89.95**

Fast 60/n's 4Mb SIMM RAM Expansion **£109.95**
 32-Bit, 72 pin Single Sided (Call for larger SIMM prices)

**EASY TRAPDOOR
INSTALLATION...**
 No modification necessary.
 Reliable low heat output.

BLIZZARD 2060

50MHz 68060 A1500/A2000
TURBO ACCELERATOR & MMU
0Mb - Expandable to 128Mb
38.71MIPS with 60 or 70 Nanosecond SIMM fitted

The Blizzard 2060 Turbo Accelerator Memory Board offers A1500 and A2000 owners the same specification as the Blizzard 1260 Turbo, but also includes built in SCSI-2 interface! So, if you want the fastest A1500/2000 around with FULL 68060 POWER... fit a Blizzard 2060 now!

2060 Turbo 50MHz 68060 & MMU with Built In SCSI-2 **£699.95**
 0Mb, 32-Bit Fast RAM - Expandable to 128Mb

How to Order from GH...

BY PHONE: Simply call our order line. We accept VISA, Mastercard, Access, Switch, Connect, Delta AMEX and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc) - WITH NO TRANSACTION SURCHARGES!

BY POST OR FAX: Include your name, address and daytime/evening phone/fax number plus order details. If charging a credit/debit card include... number and valid from/expiry date (and issue number with switch cards). Make Cheques (please allow 7 days clearance), Drafts or Postal Orders payable to Gordon Harwood Computers Limited.

GH PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has ended. Please confirm before sending orders by post. Prices inc. VAT at 17.5%.

DELIVERY: We offer prompt shipment with fully insured express delivery options throughout the UK, Europe and Worldwide at a very modest cost. If ordering by post please call to confirm delivery charges.

EXPORT: Most items are available Worldwide, and at TAX FREE PRICES to non EC residents and most overseas UK Armed Forces Personnel (with CO's document). Please call us for confirmation of prices and carriage charges etc.

GH WARRANTY: Manufacturers' standard warranties apply or, ask about GH's comprehensive extended options which are always recommended for professional users to minimise costly down time. Ask GH for full details.



GH

**GORDON HARWOOD
COMPUTERS**

Gordon Harwood Computers Limited
 Dept. CUA/B7 New Street, Alfreton,
 Derbyshire. DE55 7BP

01 773 836781

or FAX: 01 773 831040

harwood@applelink.apple.com

Please note: Memory, SIMM and FPU prices may change without warning due to exchange rate fluctuations. Please confirm price prior to ordering. CALL TO CONFIRM AVAILABILITY BEFORE MAKING A LONG JOURNEY TO VISIT US. OUR OPENING TIMES ARE... Monday to Saturday, 9am until 5pm



What the Magazines think...

Blizzard products have consistently achieved the highest magazine accolades and awards. *Amiga Shopper* said "...the Blizzard 1260 is destined to become the ultimate object of desire for A1200 owners." 91% *STAR BUY* Award

Amiga Computing "...If you want the fastest Amiga in the World, get this board."

92% *BLUE CHIP* Rating

Amiga Format "...Ride on the fastest A1200 in the World..." 95% *GOLD* Rating

VISAGE COMPUTERS

27 Watnall Road, Hucknall
Nottingham NG15 7LD
Tel: (0115) 964-2828
Tel/Fax: (0115) 964-2898



STORAGE

HARD DRIVES

WESTERN DIGITAL



3.5" E/EIDE
635MB £159.99
850MB £179.99
1 GIG £199.99
1.2 GIG £239.99
1.6 GIG £329.99

Seagate

3.5" E/EIDE



850MB	£179.99
1 GIG	£199.99
1.2 GIG	£219.99
2 GIG	£329.99

HITACHI 2.5" IDE

340MB CALL

540MB £239.99

810MB £329.99

1 GIG £499.99



LOW PRICES

Quantum

3.5" E/EIDE



540MB	£149.99
635MB	£159.99
850MB	£179.99
1 GIG	£199.99

A500 ALFAPOWER

210MB



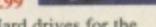
270MB



420MB



540MB



Externally cased Hard drives for the A500/500+. Can be populated with upto 8MB of RAM.

All 3.5" IDE Hard drive require an adaptor cable when fitted into an A600/1200 (£15.00 when purchased with a drive) £19.99 when purchased separately

If you have found a cheaper price elsewhere in the magazine, call us and we will do our best to beat it.

A1200 OVERDRIVES

270MB	£199.99
540MB	£219.99
635MB	£229.99
1 GIG	£269.99
1.2 GIG	£299.99



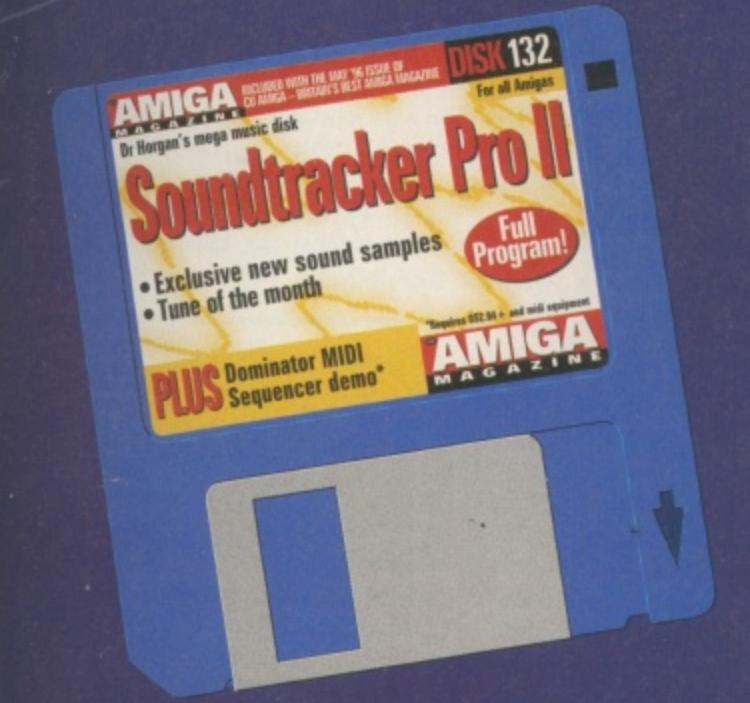
1.2 GIG £299.99

1.2 G

DISK 132

- Soundtracker Pro II
- Tune of the Month
- Dominator MIDI sequencer
- Sound samples: music and sound effects

The first of this month's cover disks is a musical extravaganza, brought to you by audio master Tony Horgan.



▲ The main controls are styled on the transport buttons of a tape recorder. The Dolby-style button toggles the lowpass filter.

Soundtracker Pro II

Soundtracker Pro II is an extremely memory efficient tracker program for creating four channel music on all Amigas. This version is fully functioning with no disabled features. You are free to save out anything you create with the program.

For those few readers still soldiering on with 1.3 Amigas, this month's disk should be especially appreciated, as it offers many powerful features not normally implemented on 1.3 systems, including full on-line help at the touch of a button.

So what's so special about Soundtracker Pro II? First of all it is very small. You could even run it on a 0.5Mb A500 if you were that hard up! However, even if you have plenty more RAM than that it's also a very neat little program. The interface is a lot easier to use than most trackers and there are some excellent features available in the sample editor, including a unique three-band graphic equaliser and a 'mod to sample' option. This is particularly useful as you can 'bounce' up to four tracks down to one at the touch of a button! Perfect for those times when you just don't have enough tracks to spare!

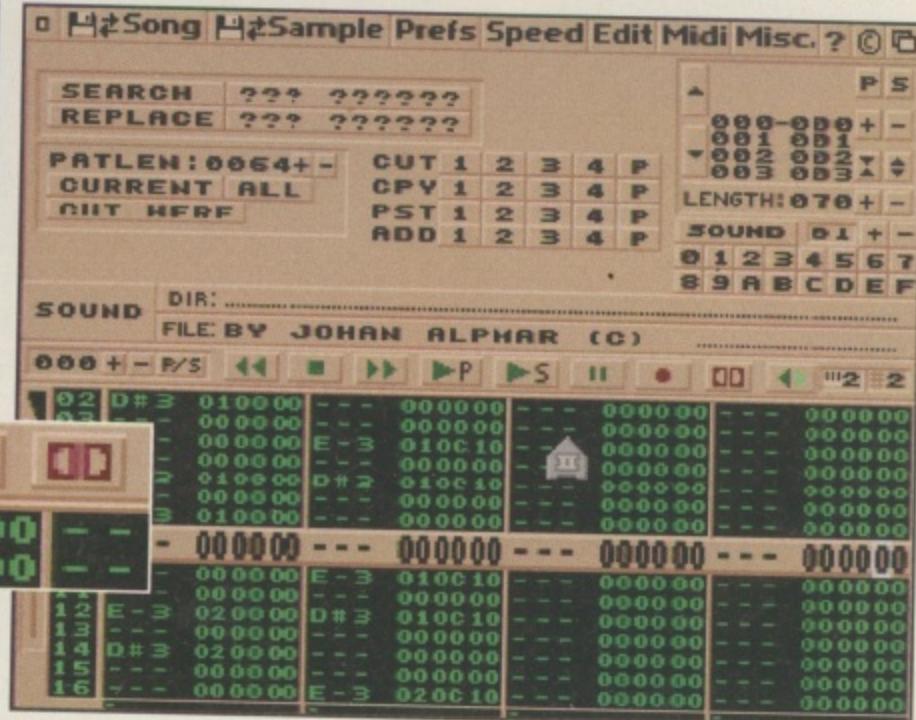
Getting started

If you've ever wanted to make music with your Amiga, Soundtracker Pro II is a great place to start. To get an idea of what's on offer, load up the Tune of the Month from the same disk by clicking the Song button at the top left of the screen, then selecting the "mod.extension_of_light" file. To play the tune, click on Edit from the top strip of buttons, then click the Play Song button. This is the right-facing triangular button marked with a letter 'S'. The other play button is for playing just one part (pattern) of the song.

The song will loop back to the start after a while (70 patterns to be precise). Watch the scrolling numeric display in the top right corner see which pattern is currently playing. If you find the alpha numeric tracker display at the bottom of the screen is rather confusing, take a look at the Trackers section of the free book included with this month's CU Amiga Magazine.

Sample editor

You'll find there's a built-in sample editor with some very useful and powerful features. To swap the tracker editor for the



▲ This month's star attraction is Soundtracker Pro II. Although it might look like any other tracker, it has some cunning tricks up its sleeve.

Sound samples

A selection of exclusive, never heard before sound samples is included in the Samples directory. These include both musical samples and sound effects and they can all be used in any Amiga music program and any other Amiga program that can load samples. The musical samples include loops for dance music, a range of distinctive Roland TR909 congas and a couple of bass sounds. The sound effects selection includes crickets, a meaty machine gun, dripping water, a police siren and an electrical hum, just the job for your own games, demos or soundtracks. The Playsound utility is also included in this drawer. This can be used to play IFF samples from the Shell.

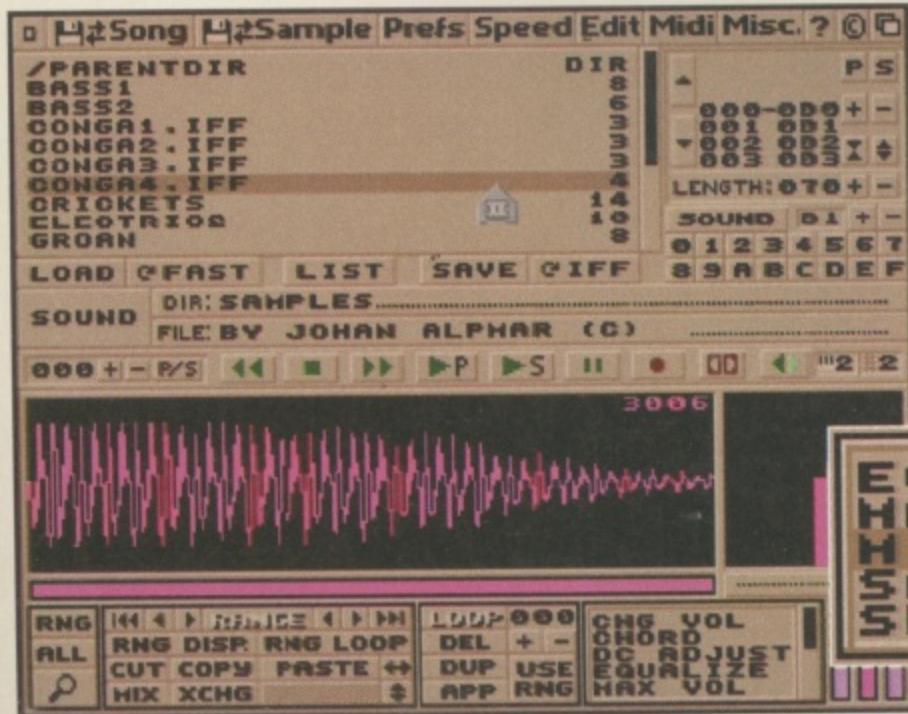


▲ Tune of the Month is called Extension of Light and was composed by Johan Alpmar. You can load it into Soundtracker Pro II using the Song button at the top left corner of the screen.

sample editor, move the mouse pointer over the tracker part and then off to the right of the screen – the sample editor will scroll on from the right. From here you can sample your own sounds directly into the program using just about any 8 bit sampler cartridge that plugs into the parallel port.

Various processes and effects can be used to alter the current sample. To use any of these, select a part of the sample by dragging out a range with the left mouse button (or click RNG DISP to select everything in view) and then click on one of the effects from the scrolling menu on the

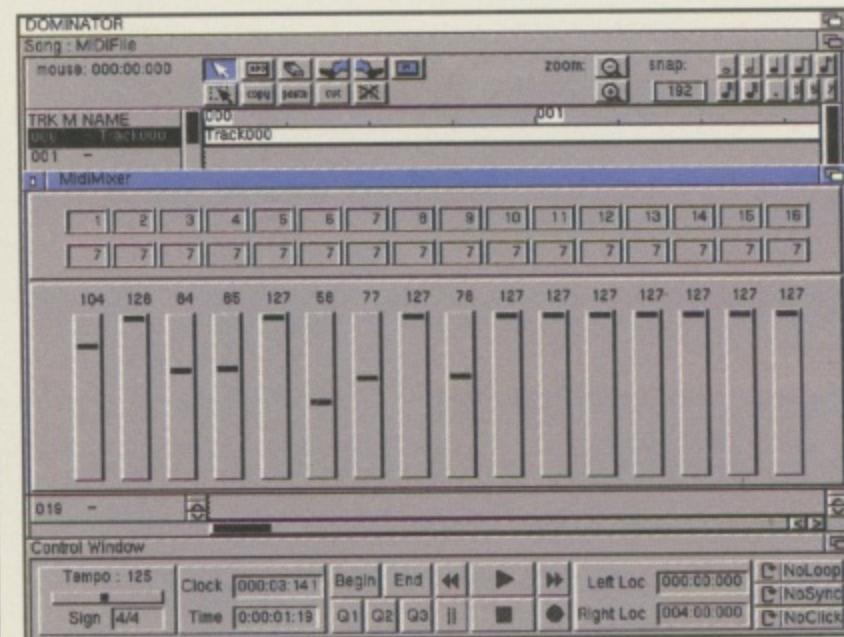
right. One of the best features is the three band graphic equaliser. The three bars in the bottom right corner relate to the levels of bass, midrange and treble frequencies in the sample. By setting these to different positions you can drastically affect the frequency content of the sample. Select Equalize to process the sample with your chosen frequency settings. Use the Sample option from this list to sample your own sounds. You can even convert an entire pattern to a single sample by moving to a blank sample slot and selecting Mixtracks. This means that in effect you can exceed the normal four track limits with good sound quality.



▲ There's a wide variety of samples included on cover disk 132. You'll find them in the Samples drawer.

Dominator

Dominator is a MIDI sequencer with support for Amiga samples. This is a demo version with save features disabled. If you find you would like to use this program seriously you can register for the latest edition of the full version, which will include more features and the ability to save your work. Check the Dominator Guide on the disk for full instructions and registration details. The instructions require the AmigaGuide utility to be present. OS2.04 or higher and a minimum of 1.5Mb of RAM is required to run the program. Extra RAM is recommended.



▲ Dominator is a new MIDI sequencer. It likes to run in interlaced mode but if you have a multisync monitor you can alter the icon tooltypes to make it run in productivity mode.

Recording a track

To record a track of your own, select one of the instruments using the numeric keypad or load one from the Samples drawer on cover disk 132. To load a sample, click the Sample button from the top row of buttons and select your sample file as normal, then click the Edit button. You can now play the sample at different pitches using the Amiga keyboard (or a MIDI keyboard – see the documentation for details). To put the program into record mode, click the circular button on the middle strip. You can now record onto a track in step time or realtime by selecting Play Pattern. By stringing together a sequence of patterns you can create a song that's as long or short as you like.

Tune of the Month

The long-awaited return of Tune of the Month comes with a contribution from Johan Alpmar. For more of Johan's work, see last month's CU Amiga CD-ROM, or check out the Aminet site or the Aminet CD-ROMs.

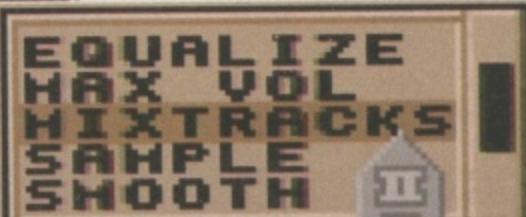
On-line help

On-line help is available at any time by pressing the Help key or clicking on the question mark button at the top right of the screen. This does not use AmigaGuide, and so it is available for all Amigas without the need to boot from Workbench or a hard drive. Consult these documents for detailed instructions on the rest of the program.

The author

Soundtracker Pro II is the work of Marco Nelissen. If you have e-mail capabilities and you use the program, please send the Marco an e-mail to let him know that you are using it and to offer any suggestions you may have for the program.

Top quality shareware software is vitally important to the Amiga's continual progress and survival. Use it, please don't abuse it! ■



▲ Selecting Mixtracks will convert the current block or pattern into a single sample. You can then use the sample on a single track, giving you three new spare tracks to play with!

SPEEDCOM MODEMS

Our highly rated, top quality feature packed modems are ideal for Amiga users. All modems include our

FREE MODEM ACCESORIES PACK (worth £19.99)

which includes a cable to connect the modem to the Amiga, NCOMM comms software, Amiga Guide to Comms and a list of Bulletin Boards from which you will be able to download vast amounts of free software as well as have access to E-MAIL facilities.

- MNP 2-4 Error Correction
- MNP 5 Data Compression
- Fax Class I and II compatible, Group 3
- Hayes Compatible
- Full 80 page manual
- 12 Months guarantee

**SPEEDCOM+B
(14,400 V32bis) £79.99**
**SPEEDCOM+BF
(28,800 V34) £159.99**

NEW LOWER PRICES

SCSI CD ROM DRIVES

MEDIAVISION 'RENO'

Double speed CD ROM DRIVE complete with power supply, SCSI cables, docking station and full instructions. Also includes stereo headphones and carrying case for use as personal CD player.



**RENO CD
WITH SQUIRREL £164.99
WITH DATAFLYER £174.99**

QUAD SPEED CD ROM DRIVE

Amazing value quad speed external SCSI CD ROM drive in a top quality enclosure.

**PANASONIC QUAD SPEED EXTERNAL
WITH SQUIRREL OR DATAFLYER
ONLY £239.99**

NEW LOWER PRICES

ZIP DRIVES

Highly rated SCSI drive will store 100mb per cartridge. Comes complete with power supply, SCSI cable, instructions and cartridge.

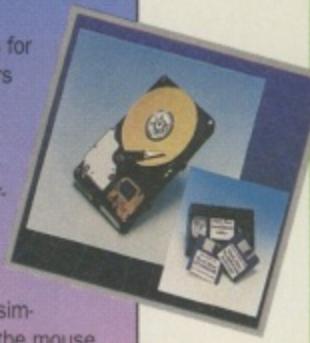


**ONLY £189.99
or £229.99 with a
Squirrel or Dataflyer
100mb ZIP cartridge
£15.99**

2.5' HARD DRIVES

Our high speed 2.5' IDE hard drives for the Amiga A1200 & A600 computers come complete with fitting cable, screws, partitioning software, full instructions and 12 months guarantee. All drives supplied by us are formatted, partitioned and have Workbench (WB2 for the A600 and WB3 for the A1200) installed for immediate use. Fitting is incredibly simple; if you can plug the mouse into the mouse socket, you will be able to plug the hard drive into the hard drive socket.

PLEASE PHONE FIRST!



**FREE 'HOW TO FIT
YOUR HARDDRIVE'
video and Stakker disk to
increase the drive's capacity with
every hard drive ordered**

**FREE WHILE-YOU-WAIT
FITTING SERVICE FOR
PERSONAL CALLERS**

85mb	£89.99
120mb	£104.99
170mb	£119.99
250mb	£139.99
340mb	£174.99
540mb	£284.99

3.5' HARD DRIVES

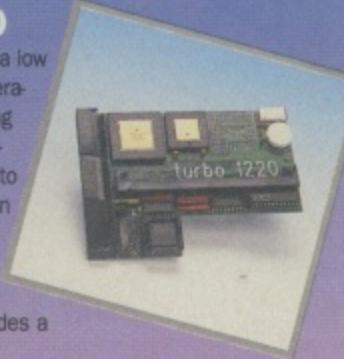
Ultra low profile 3.5' drives for A1200. Come complete with cables etc (as per our 2.5' drives). Simple to fit, you do not need to cut the case of the A1200. Similar power consumption to 2.5' drives.

**540mb £174.99
850mb £194.99**

APOLLO A1200 ACCELERATORS

APOLLO 1220

Amazing power for such a low price. This superb accelerator uses a 68020 running at 28hz and comes complete with a 68882 FPU to enable your A1200 to run at 5 MIPS (million instructions per second)! Uses standard 72 pin SIMMS and includes a battery backed clock. Simple trapdoor fitting.

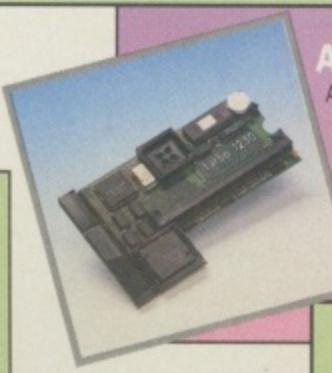


**APOLLO 1220 ONLY £99.99
APOLLO 1220 +1mb £139.99
APOLLO 1220 +4mb £199.99**

**LOWEST
PRICE
EVER**

APOLLO 1232/50

An incredibly powerful trapdoor fitting accelerator based around a 68030 complete with MMU, 2 SIMM sockets (72 PIN SIMMS), socket for a floating point unit and battery backed clock. Runs at just under 9.5 MIPS (million instructions per second)!



**APOLLO 1232/50 £199.99
4mb SIMM £99.99
8mb SIMM £159.99
68882 FPU £69.99**

S
siren

**No.1
FOR MAIL ORDER**

**No.1
FOR AMIGA
IN MANCHESTER**

**Order NOW for
immediate despatch**

**FREEPHONE
0500 340548**

(credit/switch card sales only)
for enquiries

tel: 0161 796 5279

fax: 0161 796 3208

**Send cheques or
postal orders
(made payable to
Siren Software)
or credit card details to:-**

**SIREN SOFTWARE,
178 BURY NEW RD,
WHITEFIELD,
MANCHESTER
M45 6QF,
ENGLAND**

Access, Visa, Switch, Delta,
Connect etc accepted

OPEN:

**Monday to Friday 9am to 6pm
Saturday mornings 9am to 12pm**

**Personal callers
welcome.**

**Please phone first to
check availability
of any item.**

DIRECTIONS:

From the M62 Junction 17 head towards Bury. We are 50 yards on the right hand side after the third set of lights. The door to our premises is next to the florists opposite the Masons Pub.

All prices include VAT. Postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the world.

Disk 133

Alien Breed 3D2

The Killing Grounds

By Team 17

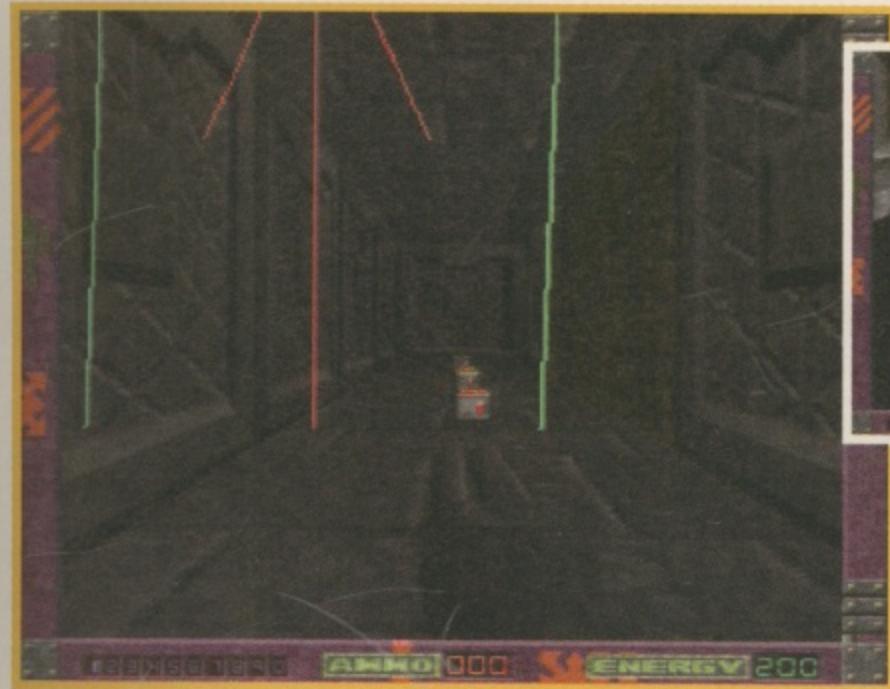


Take cover we're going in. Alien Breed has spawned some more dastardly robotic enemies. And we've got it first, ha ha.

The Killing Grounds is not just any game, it's the last of a breed; in fact the last of THE Breed. The story of Team 17's Alien Breed is a long one and its latter half spans the period over the last two years where Team 17 have been

expanding in the multi-format games market like brushfire on the savannah. The original Breed 3D was to be the last but a combination of unexpectedly high sales for this game and the abilities and ambitions of its programmer, Andy Clitheroe, meant that





part two has become a reality.

This demo is for 4Mb AGA machines only, which is bound to wind a lot of people up. For this we are very sorry, but that is how it was supplied and that is the sort of specification the final game will be best running on. A 2Mb version is still a month or two away and will be packaged in the same box as the 4Mb version, but big brother here is the genuine article and should give you some idea of the quality of the graphics, the silky smooth movement (if you adjust it to suit your machine) and the stunning lighting effects.

To load the demo you will need to decompress disk 133 to two disks. Do this by inserting it into your internal drive, restarting your Amiga and following the on-screen instructions. For more details see the Disk Loading instructions on page 16.

Stingy gun

OK, OK! The gun is stingy. It's a double barrelled shotgun which takes ages to reload and can leave you in a difficult situation, but hey, it's better than your bare fists and you must keep trying to replenish it. When the demo has loaded up you will see an arrow in front of you with green lines bordering it. This is the map. You can toggle this on or off using the tab button, and in the bright parts of the game it is probably best to have this toggled off. Bright parts? Yes, TKG is divided up into bright and dark areas. The bright ones are gorgeous and the dark ones are devoid of any feeling or light.

This is where the map comes into play. By using the F1 and F2 buttons you can increase or decrease the scale of the map and use it to discover and record new parts of the maze and as a

reference guide to stop you travelling around in circles. The map can be scrolled around using the number buttons on the numeric keyboard and pressing 5 will centre the map back to where you are.

Light and dark

Most of the enemies on the level are of the blue robot variety, which are easy to kill with a few well aimed shots. At times though it will look as if a couple of flashlights are just around the corner. This is the large red alien, who can fire faster and is more difficult to destroy than his little blue brother. Time for you to get on with the game. Try to memorise the controls in the box opposite: you won't regret it. ■

The Controls

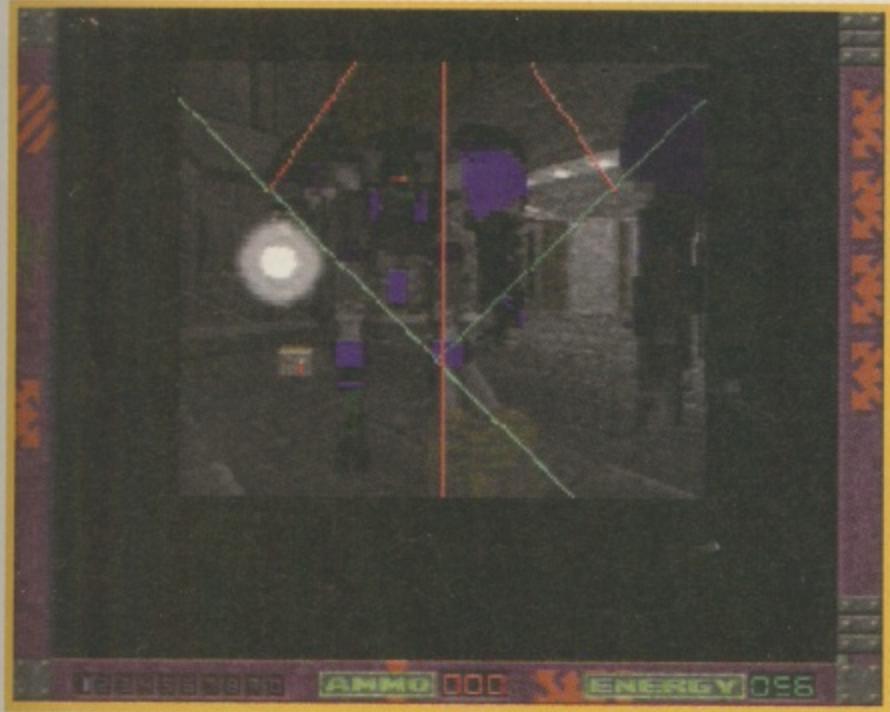
Control methods are very similar to Alien Breed 3D and you're allowed to duck, jump and sidestep. The major new feature is the ability to look up or down, but unfortunately in this demo, although you can do this your gun stays static: you can't aim it at anything. Let's hope this is rectified in the full game! Anyway, here are the main controls:

Game controls

Up cursor:Forward
Down Cursor:Backward
Left Cursor:Left
Right Cursor:Right
Right Alt:Fire
Right Shift:Run
Right Amiga:Sidestep
:Sidestep left
/Sidestep right
D:Duck/crouch
L:Look behind
J:Look up
#:Look down
0 (on keypad):Jump
Tab:Toggle map on/off
F1:Zoom in on map
F2:Zoom out of map
Number keys on keypad:
 moves around map

Viewing controls

(on keypad): Pixel width adjustment
) (on keypad): Pixel height adjustment
+- (on keypad): Increase or decrease the height of the screen
Enter (on keypad): Full screen/partial screen



▲ Most of the enemies you'll encounter are of the blue robotic type ...



▲ ... though sometimes you'll come across this heavy duty red chappie - beware.

SPECIAL RESERVE

Thousands of discounted games and peripherals, many at
UNDER HALF PRICE or BELOW TRADE PRICE



WORMS 19.99 SENSI SOCCER 96 17.99 SIM CITY 2000 12.49 CHAMP MGR 2 21.49 SUPER SKIDS 2 14.99 INNOCENT 9.99
SAVE £6 SAVE £12 SAVE £17 SAVE £8 SAVE £15 SAVE £28

JOIN SPECIAL RESERVE - ONLY £1 FOR ONE MONTHS TRIAL MEMBERSHIP

AMIGA GAMES

* = New or re-released
512K = Will work on 512K machine
NOP = Will not work on A500+, A600 or A1200
NO12 = Will not work on the A1200

Amiga A500 & Compatible

TITLE	OUR PRICE	SAVE
ALIEN BREED 2	8.49	£18
ALIEN BREED - TOWER ASSAULT (512K)	8.49	£11
ALIEN BREED 3D 2	8.49	£8
KILLING GROUNDS (2MB + 020)	21.99	£8
APPROACH TRAINER	29.99	£5
ARCADE POOL	9.49	£4
B17 FLYING FORTRESS	12.99	£4
BART SIMPSON	3.99	£6
BIG 100 (SHAREWARE GAMES)	9.99	£1
BLACK CRYPT	11.99	£1
BLITZ TENNIS (WAS ANDRE AGASSI TENNIS)	21.49	£8
CANNON FODDER	13.49	£1
CENTERFOLD SQUARES	4.99	£1
CHAMPIONSHIP MANAGER 2	21.49	£8
CHAMP MANAGER COLLECTION (93/94 + UPDATE DISK)	14.99	£13
CHAOZ ENGINE (512K)	9.99	£16
CHAOZ ENGINE 2	23.49	£6
CLUB FOOTBALL - THE MGR	5.99	£24
COLONIZATION	23.49	£11
COLOSSUS CHESS X (NO12)	4.99	£1
COVER GIRL STRIP POKER	11.49	£3
CRICKET CAPTAIN (NOP)	4.99	£1
DAILY DOUBLE HORSE RACING	4.99	£1
DESERT STRIKE	11.49	£1
DETROIT	22.49	£12
DOGFIGHT	12.99	£4
DUNE	11.49	£3
DUNE 2 - BATTLE FOR ARRAKIS	13.99	£1
ELITE (512K)	4.49	£20
ELITE PLUS	12.99	£4
F117A STEALTH FIGHTER 2.0	13.49	£3
FIELDS OF GLORY	13.99	£3
FIFA INT'L SOCCER	14.99	£20
FLIGHT OF AMAZON QUEEN	23.49	£6
FOOTBALL DIRECTOR 2	4.99	£1
FOOTBALL DIRECTOR 3	21.49	£8
FORMULA 1 - WORLD CHAMP EDITION (512K)	12.99	£17
FORMULA 1 GRAND PRIX (512K)	9.49	£7
GRAHAM GOOCH	12.49	£1
WORLD CLASS CRICKET	11.99	£18
GUNSHIP 2000	14.99	£2
HEROQUEST 2	7.99	£5
THE LEGACY OF SOASIL	9.49	£16
INDIANA JONES FATE	13.99	£3
OF ATLANTIS ADVENTURE	13.99	£3
INNOCENT	9.99	£20
JINXTER (512K)	3.99	£28
JURASSIC PARK	12.49	£1
KGB (512K)	12.49	£1
KINGPIN	7.99	£5
KINGS QUEST 6	24.99	£10
LEMMINGS	4.99	£5
LOMBARD PAC RALLY (512K)	6.99	£1
LORDS OF THE REALM	22.49	£12
LURE OF THE TEMPTRESS	12.49	£2
F117A STEALTH FIGHTER 2.0	13.49	£3
FIELDS OF GLORY	13.99	£3
FIFA INT'L SOCCER	14.99	£20
FLIGHT OF AMAZON QUEEN	23.49	£6
FOOTBALL DIRECTOR 2	4.99	£1
FOOTBALL DIRECTOR 3	21.49	£8
FORMULA 1 - WORLD CHAMP EDITION (512K)	12.99	£17
FORMULA 1 GRAND PRIX (512K)	9.49	£7
GRAHAM GOOCH	12.49	£1
WORLD CLASS CRICKET	11.99	£18
GUNSHIP 2000	14.99	£2
HEROQUEST 2	7.99	£5
THE LEGACY OF SOASIL	9.49	£16
INDIANA JONES FATE	13.99	£3
OF ATLANTIS ADVENTURE	13.99	£3
INNOCENT	9.99	£20
JINXTER (512K)	3.99	£28
JURASSIC PARK	12.49	£1
KGB (512K)	12.49	£1
KINGPIN	7.99	£5
KINGS QUEST 6	24.99	£10
LEMMINGS	4.99	£5
LOMBARD PAC RALLY (512K)	6.99	£1
LORDS OF THE REALM	22.49	£12
LURE OF THE TEMPTRESS	12.49	£2
SPORTS MASTERS	13.49	£3
PGA GOLF, INDY 500,	13.99	£3
ADVANTAGE TENNIS, EUROPEAN	13.99	£3
CHAMPIONSHIPS 1992	14.99	£15
STEVE DAVIS WORLD SNOOKER	4.99	£1
STRIKER MANAGER	4.99	£1
SUPER SKID MARKS 2	14.99	£15
SYNDICATE	13.49	£1
THEATRE OF DEATH (512K)	14.99	£10
THEME PARK	23.49	£11
TORNADO	13.49	£3
TRIVIAL PURSUIT	3.99	£5
(HARD DRIVE REQUIRED)	3.99	£5
ULTIMATE SOCCER MANAGER	19.99	£10
VITAL LIGHT	7.49	£22
WEMBLEY - RUGBY LEAGUE	12.99	£13
WINTER OLYMPICS	9.99	£23
WORMS	19.99	£6
WORMS REINFORCEMENTS	12.49	£17
DATA DISK *	17.49	£2
XS ZEEWOLF 2	25.99	£9
ZEEWOLF 2 - DEDUCT £3 UNTIL MAY 15T		

AMIGA UTILITIES

Amiga A500 & Compatible

TITLE	OUR PRICE	SAVE
DATASTORE 2	39.99	£10
DELUXE PAINT 3	6.99	£73
DISK EXPANDER	24.99	£14
FINAL WRITER (RELEASE 4)	65.99	£64
(4 MB OR MORE RECOMMENDED, HARD DRIVE REQUIRED)	39.99	£9
GB ROUTE PLUS	39.99	£22
HOME ACCOUNTS	9.99	£40
MINI OFFICE	37.99	£22
MONEY MATTERS	34.99	£15
ORGANISER	37.99	£22
ORGANISER 2	44.99	£5
PERSONAL PAINT V6.4	44.99	£5
TERMITIC KICKSTART 2.04+	35.99	£3
WORDWORTH V1.2 SE	14.99	£35

Amiga A1200 & Compatible

TITLE	OUR PRICE	SAVE
MONEY MATTERS 4	44.99	£5
PHOTOGENICS V1.2	53.99	£6
VISTA PRO (LITE)		
(HARD DRIVE REQUIRED)	27.99	£1
WORDWORTH V5	65.99	£14

LOW PRICES ON AMIGA PERIPHERALS



ANTI-SURGE 4 WAY MULTIPLUG

24.99

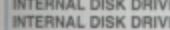
ALLOWS 4 DEVICES TO BE SAFELY CONNECTED TO ONE MAINS OUTLET AND PROTECTS AGAINST DAMAGING ELECTRICAL SURGES



EXTERNAL DISK DRIVE FOR AMIGA

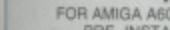
47.99

3.5", 880K FORMATTED CAPACITY, SLIM LINE DESIGN, LONG CABLE



INTERNAL DISK DRIVE FOR A500

49.99



INTERNAL DISK DRIVE FOR A600 & A1200

59.99

3.5", 880K FORMATTED CAPACITY, SLIM LINE DESIGN, LONG CABLE

139.99

FOR AMIGA A600 AND A1200, SUPPLIED WITH PRE-INSTALLED SYSTEM SOFTWARE

OVERDRIVE 250 MB HARD DRIVE

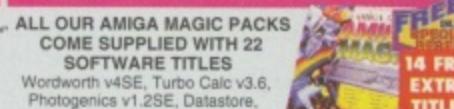
229.99

OVERDRIVE 1.25 GB (1272 MB) HARD DRIVE

279.99

FOR A1200 & A600

TEN EXTRA GAMES FREE WITH ALL AMIGA MAGIC PACKS



ALL OUR AMIGA MAGIC PACKS

COME SUPPLIED WITH 22 SOFTWARE TITLES

Wordworth v4SE, Turbo Calc v3.6, Photogenics v1.2SE, Datastore, Organiser v1.1, Personal Paint v6.4, Whizz and Pinball Mania

PLUS FREE ONLY FROM SPECIAL RESERVE

Civilization AGA, Lemmings 1 & 2, Trivial Pursuit, Alien Breed, Tower Assault, Elite, Bart Simpson, Oscar, Trolls, Zoo, Epic, Dennis, Deluxe Paint IV AGA and Digita Print Manager

FREE SOFTWARE TITLES SUBJECT TO CHANGE

A1200 2/0 MAGIC PACK 399.99 A1200 COMPUTER WITH 2MB RAM

A1200 2/170 SCALA MAGIC PACK 499.99 A1200 COMPUTER WITH 2MB RAM, 170MB INTERNAL HARD DRIVE, SCALA MM300 SOFTWARE

TORNADO HIGH SPEED FAX/MODEMS

High quality Fax/Modems, fully approved by BABT, complete with FREE Internet Starter Bundle, Internet Subscription offer, 7 year warranty and Terminate Communications package.

TORNADO EXTERNAL 14.4 FAX/MODEM

FOR AMIGA PLUS TERMITE

129.99

TORNADO EXTERNAL 28.8 FAX/MODEM

FOR AMIGA PLUS TERMITE

204.99

CITIZEN ABC COLOUR PRINTER

144.99

24 PIN COLOUR DOT MATRIX PRINTER

2 YEAR WARRANTY

EASY TO USE

FREE PRINTER LEAD

CANON BJC-4100 COLOUR INKJET

289.99

VERY HIGH QUALITY INKJET

4-5 PAGES PER MINUTE, FREE PRINTER LEAD



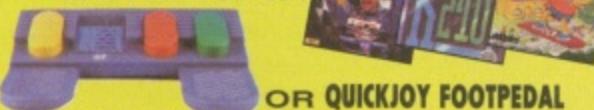
Special Reserve - The Biggest Games Club in the World - NOW on the Internet

FREE

When you join or renew for a year or more at the same time as buying any item from our entire range you can choose one of the FREE OFFERS below.

THREE AMIGA GAMES FREE

NIGEL MANSELL'S GRAND PRIX, K240 AND BART SIMPSON



OR QUICKJOY FOOTPEDAL

FOR AMIGA. WORKS IN CONJUNCTION WITH JOYSTICK OR FREEWHEEL STEERING WHEEL TO ENHANCE GAMEPLAY

OR BIKINI JENETTE

HIGH QUALITY LAMINATED MOUSE MAT

OR LEGGY PORCHE

HIGH QUALITY LAMINATED MOUSE MAT

OR SEAL PUP

HIGH QUALITY LAMINATED MOUSE MAT

OR GUYVER 1 VIDEO

MANGA CARTOON (15)

Please state your choice as you order. Overseas members add £2 carriage. All offers are strictly subject to stock availability and may change.

Sony PlayStation ... 304.99 WITH DOOM CD worth 44.99

cover disks

How to Load...

Cover disk 132

Soundtracker Pro II



Soundtracker Pro II can be used with any Amiga. To use Soundtracker on a floppy-only system, insert disk 132 and reset your Amiga. The disk will auto-boot. Double click the disk icon then double click the Pro2 icon. If you are running from a hard drive, you can run Soundtracker direct from the cover disk. First you must make an assign, so open a Shell window, enter the following line and press Return:

```
assign pro2: cu132:
```

Now you can run the program

by double clicking the Pro2 icon on the cover disk.

Instructions for hard drive installation can be found on the cover disk. Just double click the hard drive installation icon. This will not go ahead with the installation, but will instruct you how to do it yourself (it's easy really).

Samples and Tune of the Month

The sound samples are not compressed. They can be copied or loaded straight from the cover disk and used in any Amiga program that supports the loading of IFF samples. This includes music programs, multimedia packages and programming and development packages. As well as the musical samples, the sound effects are ideal for use in your own games and demos. Tune of the Month has been supplied by Johan Alpmar and is in Soundtracker/Protracker format. This can be loaded into Soundtracker Pro II, OctaMED or any other tracker. You can also play the tune with Hippoplayer from last month's CU Amiga Magazine cover disk and CD-ROM.

Dominator

Dominator is included in the form of a DMS archive. Make sure your cover disk is write protected before you unpack it (move the tab to open the hole). To unpack the archive, double click on the Dominator icon and then insert a blank disk (write enabled) when asked to do so. You will end up with a disk called Dominator disk, in which you'll find the Dominator program and an AmigaGuide instruction file. You will need the Amiga Guide utility on your system to read this. The Dominator disk is not an autobooting disk. You will need to boot from your Workbench disk or hard drive before you can access it. Dominator requires OS2.04 or higher and at least 1.5Mb of RAM.



▲ Improve your MIDI sequencing with the slick new Dominator.

Cover disk 133

Alien Breed 3D2: The Killing Grounds



Requires AGA and 4Mb RAM

This is a big demo so it needs to be expanded onto two disks using the following steps:

1. Prepare two blank formatted double density disks.
2. Write protect disk 133 and place it in the internal drive.
3. Restart your Amiga and wait for the CU Amiga Magazine loading screen to appear.
4. Follow the instructions on the screen, pressing F1 to uncompress the first demo disk. Insert one of the blank disks when prompted to do so. Then uncompress the second disk in a similar way using F2. When you have both uncompressed demo disks, insert Disk 1 in your Amiga's internal drive, restart the computer and follow the on-screen instructions.

the screen, pressing F1 to uncompress

press the first demo disk. Insert one of the blank disks when prompted to do so. Then uncompress the second disk in a similar way using F2. When you have both uncompressed demo disks, insert Disk 1 in your Amiga's internal drive, restart the computer and follow the on-screen instructions.

IF YOUR DISK WON'T LOAD

We go to great trouble to ensure that the CU Amiga Magazine cover disks will work on common Amiga models. However, if you do experience problems follow this simple guide.

We also vigorously virus check our cover disks on a branded virus checker. If some escape our attention we cannot assume responsibility for it.

1: Remove all unnecessary upgrades and peripherals, such as printers and modems. Some trapdoor expansions can also cause problems.

2: Follow the instructions on this and previous pages exactly.

3: If you still experience problems loading the disk call the PCWyse helpline on 01685 350 505 between the hours of 10am and 12noon Monday to Friday.

If they advise that the disk is faulty, fill in your details in the form below, and send this form, along with the faulty cover disk and a 28p stamped self addressed envelope to:

CU Amiga Magazine Disk Returns, PCWyse Dowlais Top Business Park, Dowlais, Merthyr Tydfil, Mid Glamorgan CF48 9YV.

NAME: _____

ADDRESS: _____

TYPE OF AMIGA OWNED: _____

DISK NUMBER: _____

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK:

FREE DIRECTORY OPUS 4.12
WORTH OVER £50



MAGNUM RAM8 A1200 8MB RAM ACCELERATOR

SPEED INCREASE OF NEARLY 2.3 TIMES ♦ AVAILABLE WITH 0, 2, 4 OR 8MB OF 32-BIT RAM INSTALLED ♦ USES STANDARD 72-PIN SIMMS ♦ OPTIONAL PLCC TYPE FPU (FLOATING POINT UNIT) ♦ BATTERY BACKED CLOCK/CALENDAR ♦ FINGER CUTOUT TO HELP INSTALLATION ♦ 0-4MB - PCMCIA COMPATIBLE (FOR USE WITH OVERDRIVE, SQUIRREL ETC.) ♦ ZERO Waite STATE DESIGN.

MAKES YOUR AMIGA MORE THAN
2 TIMES FASTER - 2.88 MIPS

	No FPU	33MHz FPU
0MB	£49.99	£89.99
2MB	£119.99	£159.99
4MB	£159.99	£199.99
8MB	£249.99	£289.99



560DPI 3 BUTTON MICE & MATS for all Amigas & Atari STs

BEIGE	£12.99
BLACK	£14.99
MAT	£2.99 OR £1 WITH A MOUSE

AWARD WINNING 560DPI RESOLUTION ♦ 90% RATING IN CU AMIGA ♦ MICRO SWITCHED BUTTONS ♦ AMIGA/ATARI ST SWITCHABLE ♦ ALL 3 BUTTONS CAN BE USED WITH MANY PROGRAMS SUCH AS DIRECTORY OPUS 5

SATURN External 1mb Floppy Drive for all Amigas

COMPATIBLE WITH ALL AMIGAS ♦ HIGH QUALITY SONY DRIVE ♦ ROBUST METAL CASE ♦ ANTI-CRICK AS STANDARD ♦ ENABLE/DISABLE SWITCH ♦ LOW POWER CONSUMPTION ♦ THRU PORT FOR EXTRA DRIVES

FREE DIRECTORY OPUS 4.12
WORTH OVER £50

£49.99

POWERCOPY PROFESSIONAL 3

Hardware & Software Disk Backup Solution
for all Amigas

PLEASE NOTE:- PERMISSION FROM THE
COPYRIGHT OWNER MUST BE OBTAINED TO
LEGALLY BACKUP YOUR SOFTWARE.

NEW

THE BEST DISK BACKUP SYSTEM ON
THE MARKET. WE HAVE YET TO
DISCOVER A PROGRAM THAT THIS
CAN'T BACKUP. IDEAL TO PROTECT
YOUR EXPENSIVE SOFTWARE LIBRARY.

£29.99

BT APPROVED

£19.99

FREE PREMIER MANAGER 2, SPACE
CRUSADER & ZOOL 2 WORTH OVER £60
(WHILE STOCKS LAST)

BOTH MODEMS HAVE THE
FOLLOWING SPECIFICATION

BT APPROVED

MODEM ONLY

£99.99

MODEM & GP FAX

£139.99

X-LINK 14.4k

£119.99

£159.99

TITAN 28.8k

£199.99

£239.99

X-LINK 28.8k

£219.99

£259.99

ORDER HOTLINE
01322-527800
OR FAX 01322-527810

BETWEEN 9AM AND 5.30PM, MONDAY TO
SATURDAY, TO PAY BY CREDIT CARD.
TO PAY BY CHEQUE OR POSTAL ORDER
PLEASE RETURN THE ORDER FORM BELOW
TO - WIZARD DEVELOPMENTS,
PO BOX 490, DARTFORD, KENT, DA1 2UH

Order Item

Name

Address

Post Code

NEW PRICES & PRODUCTS FOR '96

33MHz FPU

AN FPU DRAMATICALLY INCREASES THE SPEED OF
MATHEMATICAL CALCULATIONS (BY UP TO 127
TIMES!) AND WE WOULD RECOMMEND IT FOR
USERS OF GRAPHICAL APPLICATIONS SUCH AS
IMAGE FX, LIGHTWAVE, VISTA PRO, IMAGINE ETC.

OUR FPU PACK COMES WITH THE TIMING
CRYSTAL AND IS COMPATIBLE WITH MOST A1200
RAM/PROCESSOR ACCELERATORS SUCH AS OUR
APOLLO/MAGNUM DESIGN, HAWK, BAZZARD
AND VIPER. IF BOUGHT INDEPENDENT OF OUR
BOARD THE PRICE IS

£44.99

(OR £40 WITH AN A1200 BOARD)

ENTERPRISE

DeskTop Workstations
for all Amigas



SINGLE WORKSTATION
FOR A500/600/1200

£29.99

DOUBLE WORKSTATION
FOR A500/600/1200
PLUS EXTRA SHELF

£34.99

WIDE WORKSTATION
A500/600/1200 WITH
ADDITIONAL SIDE PERIPHERALS
(HARD DISK OR FLOPPY DRIVE)

£34.99

TITAN & X-LINK

High Speed BT Approved
Modems for all Amigas



MODEM ONLY

£99.99

MODEM & GP FAX

£139.99

X-LINK 14.4k

£119.99

MODEM ONLY

£159.99

X-LINK 28.8k

£199.99

MODEM ONLY

£239.99

X-LINK 28.8k

£219.99

MODEM ONLY

£259.99



MAGNUM 030/40
A1200 40MHz '030
Processor Accelerator

NEW

No FPU

33MHz FPU

0MB

£139.99

£179.99

2MB

£199.99

£239.99

4MB

£249.99

£289.99

8MB

£349.99

£389.99

16MB

£549.99

£589.99

SCSI-II OPTION

THE MAGNUM '030/40 CAN
ALSO BE EXPANDED VIA OUR
WARRANTY SAFE SCSI-II INTERFACE
TO SUPPORT UP TO 6 SCSI
DEVICES WITH DIRECT ACCESS TO
THE '030 PROCESSOR AND
MEMORY FOR ULTRA-FAST ACCESS.
OUR CONTROLLER IS ALSO
COMPATIBLE WITH THE VIPER-II
CARD.

£79.99

NEW

OVER THE PAST 6 YEARS, DIRECTORY OPUS HAS
BECOME ESTABLISHED AS THE MOST POPULAR
DIRECTORY UTILITY ON THE AMIGA. WITH
THE NEW OPUS 5, THE TRADITION CONTINUES.
SMALLER, FASTER AND MORE EFFICIENT THAN EVER
BEFORE, OPUS 5 HARNESSES THE POWER OF
OBJECT ORIENTATED MULTITASKING DESIGN LIKE
NEVER BEFORE. PUT SIMPLY, OPUS 5 IS NOW THE
MOST POWERFUL HARD DRIVE AND FILE
MANAGEMENT UTILITY EVER!



VERSION 5.11 NOW
SHIPPING CALL ABOUT
UPDATES FROM 5.0 AND 4.

£49.99

ALSO AVAILABLE

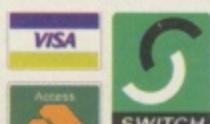
EASYLEDGERS 2 AMIGA FORMAT GOLD - THE ONLY FULL ACCOUNTS PACKAGE
- DEMO DISK AVAILABLE - CALL ABOUT TRAIL OFFER - £119.99
(LIMITED OFFER PRICE) - HARD DISK + 2MB RAM REQUIRED
GP FAX THE ULTIMATE FAX SOFTWARE SOLUTION - AMIGA FORMAT
GOLD - AMIGA COMPUTING 9/10 - £44.99
IMAGE FX 2.1A THE ULTIMATE IMAGE PROCESSING SYSTEM - AMIGA FORMAT
GOLD - 2MB & HARD DISK REQUIRED - £149.99
TURBOPRINT PRINTER ENHANCEMENT SYSTEM - A MUST FOR ALL PRINTER
OWNERS - AMIGA SHOPPER 90% - £49.99
TOWER SYSTEM FROM MICRONIK FOR THE A1200 - "THE ULTIMATE A1200
EXPANSION" - CU AMIGA, 90% - £499.99
A500 512K RAM EXPANSION - £19.99 WITH FREE OPUS 4 WORTH OVER £50
A500PLUS 1MB RAM EXPANSION - £29.99 WITH FREE OPUS 4 WORTH OVER £50
A600 1MB RAM EXPANSION - £29.99 WITH FREE OPUS 4 WORTH OVER £50
10 2S/DD DISKS WITH COLOURED LABELS - £4.99
50 2S/DD DISKS WITH COLOURED LABELS - £19.99
100 2S/DD DISKS WITH COLOURED LABELS - £34.99

ON ALL PRODUCTS*

* Money back offer is only applicable to hardware items



**WIZARD
DEVELOPMENTS**



CONTACT US ON INTERNET
SALES@WIZARD-D.DEMON.CO.UK

Prices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other countries. All products are subject to availability. E&OE. Advertised prices & specification may change without notice.

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.



Open Sunday
11am to 4pm

Late Night Opening
Wednesday & Thursday
till 7.30pm

FIRST
COMPUTER CENTRE

HOW TO ORDER

Order by telephone quoting your Credit Card Number. If paying by cheque please make payable to: **COMPUTER CENTRE** In all correspondence please quote a **Phone Number, Post Code & Dept.** Allow 5 working days cheque clearance.

SHOWROOM ADDRESS:
DEPT. CU, UNIT 3, ARMLEY PARK COURT, STANNINGLEY RD, LEEDS, LS12 2AE.

Lombard Tricity low rate finance now available, call.

LOW COST DELIVERY

- 2-4 Week Days £3.95
- Next Week Day £5.95
- Saturday delivery £10.00

Delivery subject to stock availability

- All prices include VAT @ 17.5%
- Large showroom with parking
- Multi-million pound company
- Overseas orders welcome
- Educational purchase orders welcome

OPEN 7 DAYS A WEEK

Prices are correct at the time of going to press. Please check our latest prices before ordering. All sales are subject to our standard terms & conditions (copy available upon request). E&OE.

Telephone 0113 2319444

24 HR MAIL ORDER SERVICE FAX: 0113 231-9191
NEW! BBS Sales & Technical line Tel: 0113 231-1422

E-Mail firstcom@firstnet.co.uk

www.firstnet.co.uk/firstcom

AMIGA REPAIR

CENTRE

We offer a **FREE** quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.



From M62/East Join M1 From the M1 follow signs onto M621. Take A640 Elland Rd turnoff from M621. Follow signs for A58. This merges with the Armley gyratory from M62/West junction 23, A63 to Armley gyratory. From the A1 take the turnoff for A44. This merges with the A58 (by-passing town centre) which meets Armley gyratory.

Hardware

UK'S cheapest Amiga's A1200 MagicPack

Includes, Wordworth V4SE, Datastore, Organiser, Turbocalc 3.5, Personal Paint V6.4, Photogenics 1.2SE, Pinball Mania & Whizz.

£354.95

New
Amiga A1200
Magic Pack
Inc. 170Mb HD
& Scala MM300

Includes same software pack as Magic Pack, but also includes Scala MM300 (Req. 4Mb).

£469.95

**Amiga A1200
Surf Pack
Inc. 260Mb HD
& 14.4 Modem**

Includes, All the Magic Pack software, plus the latest Comms and Internet access software designed for the Amiga. All this for only

£559.95

AMIGA M1438S Monitor Only!! *£285.95 When bought with a computer

First Starter Pack

- A1200 dust cover
- 10 x DSDD disks + labels
- Top quality joystick
- Deluxe mouse mat
- 3 x A1200 games

All for only

£19.95

A4000T
68040-25 £2092.95
68060-50 £2366.95

Chaos Software Pack
Pack consists of Nick Faldo's Golf, Pinball Fantasies, Syndicate, Chaos Engine.
Only!!
£19.95

Hard Drives

3.5" Hard Disk Drives with A1 200/600 install kit
(We recommend 3.5" drives be fitted by qualified computer engineers)

Inc. software, cables and instructions
630Mb.. £185.95 850Mb.. £199.95
1.08Gig.. £219.95 2.1 Gig.. £379.95

External Hard Drives for all SCSI aware Amiga's
840Mb £239.95 1.2Gig £299.95
2.0Gig £639.95 4.0Gig £1069.95

Inc. SCSI-II Quantum mechanism with a 10ms access time, Internal PSU, SCSI ID selector, Cooling fan, and HD prepping/partitioning software. Requires SCSI interface, ie. Squirrel/GVP additional adaptor may be req. £15.95

2.5" Hard Drives for A600/A1200 with installation kit
inc. software, screws, cables and instructions

Seagate FUJITSU CONNER
80Mb.. £89.95 130Mb.. £109.95
170Mb.. £114.95 250Mb.. £139.95
340Mb.. £175.95 510Mb.. £217.95
810Mb.. £321.95 1.0Gig.. £421.95

3.5" Hard Drive install kit £18.95
Includes set up software, cables and full instructions, no Hard Drive.

Monitors

AMIGA M1438S
Amiga Branded Monitor

Same specification as the Microvitec 1438, but also has Stereo speakers.
£295.95
Microvitec 1438 monitor without speakers £264.95 Extra adaptor may be req. £6.99
Amitek 1084 S £199.95
14" Colour CGA Stereo Monitor, Composite Video, Digital RGB, Analog Inputs. Monitor dust cover £6.95

Disk Drives

Zip Drive

Zip Drive
Includes:
• Zip Tools software
• 1X 120Mb cartridge
• Additional 100Mb Zip cartridges £15.95
£199.95

Zip tools available separately £16.95

Syquest EZ-135 £234.95 additional media £15.95

Amiga External drive £49.95
A1200/600 internal drive £39.95
A500/500+Internal drive £39.95

Squirrel I/face

Squirrel
SCSI Surf Squirrel
• Hi speed serial port
• SCSI-II interface
• Autobooting HD
from *£79.95 if purchased with any monitor
If purchased separately £99.95
Squirrel
• SCSI-II interface
From only *£45.00 if purchased with SCSI device £54.95 if purchased separately

SupraFAX Modem

Modems

Robotics

Sportster **Vi**

- Class 1 Fax
- Personal Voice Mail
- Fax on Demand
- Call Discrimination
- BABT Approved
- 14,400 Data/14,400 Fax £111.95
- 33,600 Data/14,400 Fax £193.95

28,000 Data/14,400 Fax

SupraExpress 288
Only £153.95

- Up to 115,200bps (v42bis)
- LED Display
- V34 Standard
- NComm Software

Supra modems are not BABT approved, however they perform as well & often out perform BABT approved modems. Supra Modems have a 5 year limited warranty

SupraFAX Modem 288

- Up to 115,200bps (v42bis)
- Silent & Adaptive Answer
- V34 Standard
- NComm Software

Down in Price **only £188.95**

Courier V34+ If you thought V32bis was fast try V34 **£287.95** BART Approved

- Class 1 Fax
- 5 Year Warranty

33,600 bps.

RAM Expansion/Accelerators

PRIMA A1200 RAM Expansion

A1200 1 MB RAM **Special price!! £79.95**
A1200 2 MB RAM £99.95
A1200 4 MB RAM £129.95
A1200 8 MB RAM £199.95
A1200 1MB/33Mhz Co Pro £99.95
A1200 2 MB/33Mhz Co Pro £137.95
A1200 4 MB/33Mhz Co Pro £164.95
A1200 8 MB/33Mhz Co Pro £234.95

MASSIVE PRICE REDUCTIONS

1 Mb 72 Pin SIMM £29.95
4 Mb 72 Pin SIMM £59.95
8 Mb 72 Pin SIMM £122.95
16 Mb 72 pin SIMM £235.95
1Mb 30 pin SIMM £33.95
256x4 DRAM (each) £6.95

Accelerator Cards

POWER VIPER **GOLD**
Viper II-50 £199.95
Up to 128Mb RAM, FPU Socket & R/T clock

Viper II-28 £119.95
Up to 128Mb RAM, FPU socket & R/T Clock

A500/600 RAM Expansion

PRIMA A500 512k RAM no clock £19.95
PRIMA A500+ 1 Mb RAM £29.95

PRIMA A600 1 Mb RAM no clock £29.95

Top Quality Memory **Top Quality Prices**
Part exchange available on your old memory, Call for pricing.

Printers

Canon

Canon BJ30 £169.95

Portable mono printer, 30 page A5 built in.

Canon BJC70Colour £235.95

Portable colour printer, 30 page A5.

Canon BJ200ex £183.95

High quality mono printer, virtual 720 dpi.

New!! Canon BJ210 £215.95

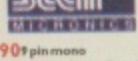
Mono printer, 720x360dpi, colour upgradeable.

Canon BJ4100Colour £283.95

High quality colour/mono printer 240 dpi.

Canon BJ610 Colour £410.95

720 x 720 dpi, near photographic quality.



CITIZEN COMPUTER PRINTERS

All Citizen printers have a 2 year warranty

ABC Colour printer

Simple (as easy as ABC) to use 24 pin printer.

comes as standard with 50 sheet sheet feeder.

Tractor feed option at £34.95

Citizen Printiva 600C £383.95

600 dpi colour, 1200 dpi mono printer.

Dedicated Amiga driver software, uses' advanced Micro Dry print Technology.

EPSON

Stylus Colour II £330.95

720 dpi, 4ppm Black, 2ppm Colour.

Stylus Colour IIIs £219.95

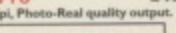
720 dpi, 2.5ppm Black, 1ppm Colour.

Stylus 820 £181.95

720 dpi, 2.5ppm Black, Colour Upgradable.

Stylus Pro £461.95

720x720 dpi, Photo-Real quality output.



Authorised OKI dealer

OL600ex £374.95

LED laser printer, 6ppm, 1Mb of Ram.

OL610ex £476.95

LED laser printer, 6ppm, 2Mb of Ram.

Miscellaneous

Printer Switch Box 2 way £12.95

Printer Switch Box 3 way £17.95

Printer Stands (Universal) £4.95

1.8 Metre printer cable £4.95

3 Metre printer cable £6.95

5 Metre printer cable £8.95

10 Metre printer cable £12.95

Parallel port ext. cable £9.95

Consumables

Ribbons

Citizen Swift/ABC mono £3.95
Citizen Swift/ABC colour £12.95
Star LC90 pin mono ribbon £4.95
Star LC90 mono ribbon £3.65
Star LC10/100 mono £7.95
Star LC10/100 colour £13.95
Star LC240c colour £8.95
Star LC240c mono £5.95
Star LC240 mono £13.95
Star LC24-10/200/300 Colour £13.95
Re-Ink Spray for mono ribbons £11.95

Full range of colours available.

Printer repair specialists call for quote

Ink Cartridges

Canon BJ10/Star SJ48 £19.95
Canon BJ200/230 £19.95
Canon BJ30 (3 pack) £13.95
Canon BJ C 70 mono (3 pack) £12.95
Canon BJ C 70 colour (3 pack) £16.95
Canon BJ C 4000 colour (single) £16.95
Canon BJ C 4000 mono (single) £7.95
Canon BJ C 4000 mono high cap. £28.95
Canon BJ C 6000 mono high cap. £10.45
Canon BJ C 6000 colour £8.95
Canon BJ C 6000 colour £8.95
Citizen Prinova Std. colours £6.45
Citizen Prinova Metallic colours £16.45
HP-Deskjet 660 double mono £25.95
HP-Deskjet 660 colour £17.95
Epson Stylus mono £15.95
Epson Stylus colour £36.95
Epson Stylus Col. II/S/820 Mono £17.95
Epson St

Video

Quantum

rombo

VIDI Amiga 24 (RT)+
Colour Real Time Amiga video capture system
• Composite & SVHS inputs.
• Time Lapse remote grab.
• BMP, TIFF & PCX File Support.
• Load/Save 24 Bit ILBM & Animis
£139.95

VIDI Amiga 24 (RT) Pro
Professional Colour Real Time Amiga video capture system
• Composite & SVHS inputs.
• 16.7 million colour grabbing.
• BMP, TIFF, PCX, ANIM, ILBM.
• Processing controls & effects
£224.95

Pro-GRAB SVHS 24RT Plus
• Compatible with VHS & SVHS.
• Save & load in multiple file formats
• Support for virtual memory
• Additional teletext facilities
• Large preview window
for only.... £129.95

Music

Technosound Turbo 2 Pro
8/12 bit Stereo Sampler plus many more advanced features
A bargain at only £27.95

Mega-Lo-Sound
8 bit direct-to-disk sampler
Great value at only £25.95

ProMIDI Interface
• MIDI in, MIDI thru & 2 x MIDI out
• Compatible with all MIDI software
only!! £19.95

AURA
100% £74.95
Octamed compatible
12/16 bit stereo direct-to-disk
PCMCIA sampler

Octamed 6
Official CD £24.95
Latest version of the best music making program for the Amiga. Over 600Mb of Midi files, Samples.

Genlocks

hama

Genlock 290

• Full fading of mixed graphics
• 2 ergonomically designed fader
• High quality output signal
• Independent power supply

£639.95

Genlock 292

• Full fading of mixed graphics
• Fade to black of output signal
• Demonstration software inc.
• Independent power supply

£264.95

A-Cut

• Video edit controller
• Works on Kickstart 2.0 and above
• Scenes defined, sequenced/exchanged
• Independent power supply

£164.95

Fusion Genlock

• Comes with Scala HT100
• 12% Amiga Shopper June 95
• Composite only Genlock

Only!! £95.95

Entry level Genlock

Graphics

New!! Epson GT-5000

• A4 Flatbed scanner
• 300 dpi optical scan resolution
• Inc. PC Editing & OCR software
With the Amiga range of computers req. additional driver software and a Bidirectional parallel cable.

£399.95

Epson GT-8500

• Inc. In-built Parallel/SCSI Interfaces
Art Department Pro Scanner Controller

• Inc. Bidirectional Parallel cable
• Amiga driver software
• Total WYSIWYG control
• Can be used without Art Dept. Software

With Scanner £89.95 Without Scanner £99.95

• If cable req. separately £39.95

Tabby

only £59.95

The amazing new graphics tablet for the Amiga developed with First Computer. 94% rated in Amiga Shopper. Requires 2.04 WB or above.

Graphics Software

Photogenics

24 bit graphics manipulation

Req. 2Mb of RAM, and Kickstart 3.0 or higher.

only!! £49.95

Art Dept. Pro.

Image processing software

£129.95

SCALA

• MM211 £139.95

• MM300 £224.95

• MM400 £274.95

New!! Cinema4D

£169.95

Amiga Ray-Tracing software

Req. 3Mb of RAM, and Kickstart 2 or higher.

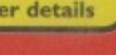
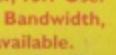
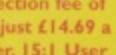
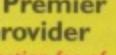
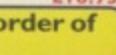
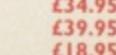
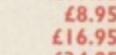
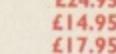
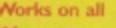
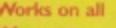
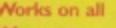
Hand Scanners

Power Scan v4.

256 gscale on AGA Amigas, 64 gscale non AGA

Power Scan Col.

24 bit colour scanner, 16.7 million colours



Wordprocessing

FinalWriter



Final Writer 4

Word Processor/Publisher

Latest version of this award winning software

only!! £72.95

Final Writer Lite

Word Processor

Requires Kickstart 2.04 or above, 2Mb of Ram and 1 Floppy Drive, Hard Drive installable if desired.

£39.95



Mini Office

Integrated Package

• Wordprocessor
• Spreadsheet
• Database
• Graphics
• Disc Utilities All in one package

£38.95

Wordworth Ver. 5

• Any Amiga 2.04 or higher

• 3Mb of Memory

• 2xFloppy drives or HDrive

£74.95



Home Office

Final Data

• Requires Workbench 1.3 or above, 1Mb of memory & 1 floppy drive.

£39.95

Twist 2

Relational Database

• Requires Workbench 2.1 or above & 2Mb of memory

£74.95

Spreadsheets

Final Calc

• Requires Workbench 2.0 or above, 2Mb of memory min., H.Disk with 5Mb of free space

£94.95

Home Finance

Money Matters 4

Utilities

Opus 5

£49.95

DiskMagic

92% CU Amiga

£34.95

Delivery £1.18 per title or £3.95 for 4+

Amiga CD ROM's

17 Bit The 5th Dimension

17 Bit Collection (Double)

17 Bit Continuation

17 Bit Phase 5

17 Bit/LSD compendium 1 or 2

17 Bit/LSD compendium 3

£17.45

£24.95

£14.45

£14.45

£16.95

£16.95

£12.45

£24.45

£24.45

£17.45

£16.45

£22.45

£8.95

£8.95

£8.95

£24.95

£14.45

£17.45

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95

£24.95



Amiga News

CeBIT '96

Since Amiga Technologies announced that they would display a new Amiga at the CeBIT show, speculation ran wild on exactly what it might be. Strong rumours of a strange silver machine or a pizza box Amiga prototype circulated. So, after some manic travel via Germany's rail



▲ CeBIT 96 was held in an enormous complex of almost 30 interlinked halls.

system from Hamburg to Hanover, CU Amiga Magazine's Mat Bettinson rushed over to see this new wonder at CeBIT.

CeBIT is an enormous show. This year it consisted of just under 30 halls; each one about the size of the Wembley conference centre which hosted last year's World Of Amiga show in London. It is the biggest indoor show location in Europe and the stand on which Amiga Technologies were showing the new machine was a half hour walk away from the entrance. This stand was a huge Motorola construction hosting a number of guest computer manufacturers linked by the fact that they use (or in AT's case, plan to use) Motorola's PowerPC (PPC)

processor. The Amiga Technologies presence consisted of demonstrations of an A1200, an A4000 Tower and the 'Amiga Walker' accessing the Internet with the Amiga Surfer software.

Vader's helmet

Having expected little but a wiry bird's nest prototype in a pizza box, the sight of the Walker in all its streamlined Darth Vader's Helmet glory (as seen on the front cover of this issue) had many show goers rubbing their eyes as if to remove the illusion. It was not only a prototype but a full working machine which was actually being demonstrated. See right for specific details. Of almost as much importance as the Walker itself were the plans Motorola and other PPC using manufacturers had for the future.

To back track; if the reader is not aware, Motorola and IBM formed an alliance to produce a new CPU for the '90s and beyond. Along with the Power PC processor they also drafted specification for the so-called 'CHRP' or Common Hardware Reference Platform. This was recently renamed the Power PC Platform. The idea is similar to the standard of 80x86 based PCs in that the user can buy whatever brand of motherboard/computer they like and then add cards and expansions as required. The software for the platform should still function quite happily (in theory) if everything follows the rules.

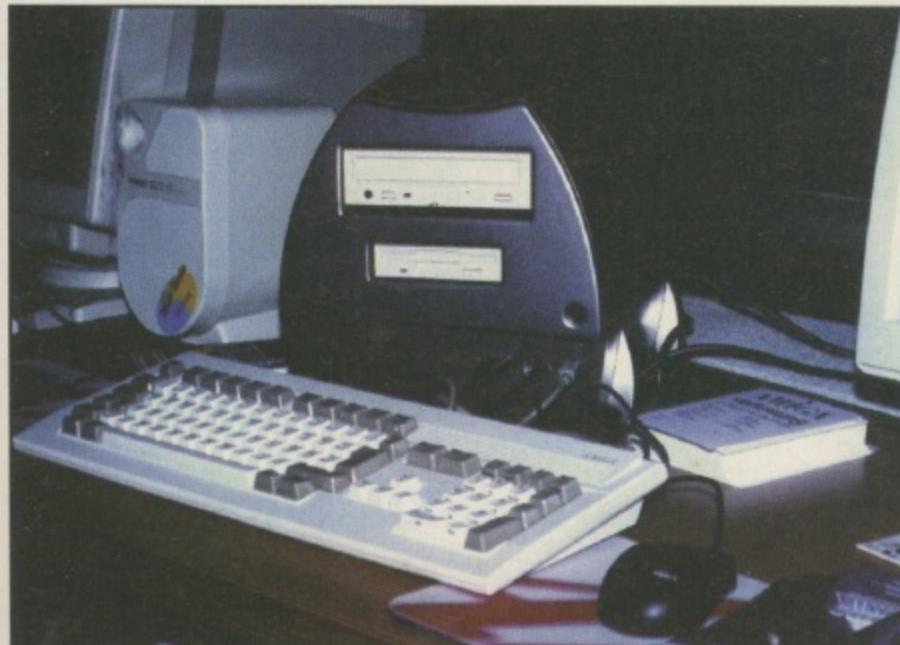


▲ Amiga Technologies had a guest position on the Motorola stand alongside other Power PC supporters.

Cheap parts

Most computer hardware experts agree that the days are numbered for the custom chip set approach to computer development. The idea is that it's far more cost effective to purchase computer components off-the-shelf than to research and develop an entirely new non-standard chip set. In the past, of course, computers like the Amiga benefited from custom hardware (it graphics and sound hardware allowed it to become the number one games machine of the early 90s), but these days there's such a market of high specification cheap parts that this approach no longer makes sense.

So the idea is that the Amiga, as we know it, will move away from being an actual proprietary machine. Instead it will be an operating system running on a Power PC Platform. Many Amiga users might gasp in horror at this revelation but there are big advantages. The PPC chip is far cheaper and far faster than the 68060. The PPC Platform uses a PCI bus for expansion. Graphics cards with specification in excess of even the CyberVision 64 can be bought for far less expense. Any number of graphics and sound cards could be bought for a fraction of what custom Zorro cards cost for the Amiga.



▲ Here it is! The new Amiga 'Walker'. Yes, it's that black thing in the middle of the picture. Note how the keyboard is attached via a PS2 type connector which should allow cheap PC keyboards to be used.

"Project Walker"

– The new Amiga revealed!

Fortunately the small Amiga presence on the Motorola stand was not the only place Amiga Technologies were on display. The huge Escom construction also played host to Amiga Technologies but this time the crowd was shoulder to shoulder. Here again the Amiga Walker was on display and we were able to speak with Heinz Wrobel, one of the key players in the Walker Project.

Amiga Technologies stressed that the Walker is a low end machine. This is music to many people's ears considering its basic specification includes a 40MHz 68EC030, 6MB (2 Chip + 4 Fast), HD floppy drive, hard drive, quad speed CD-ROM drive and a real time clock as standard. Now Amiga Technologies have announced that the big-box Amiga is now the base Amiga. In one example, by including a detachable keyboard and support for non Amiga specific keyboards, AT have told us all that the Amiga is going up market to finally compete with PCs whilst also starting the move to standard parts.



▲ John Smith of Amiga Technologies demonstrates the new Amiga Walker using the new Amiga Surfer software to skim around the World Wide Web.

Kickstart 3.2

Some other specifications tell more of the future. The Kickstart shipped with the machine will be OS 3.2 and it will make the move from 512K ROMs to 1Mb. Amiga Technologies wanted to make it clear that the OS upgrade would be minor with big features only to be implemented for KS 4.0 on the Power Amiga '97. Bug fixes and small enhancements will be the order of the day such as an improved CD file system (hooray!) and removal of the 2GB HD limit from FFS. Development of AmigaOS is being carried out in tandem with the Walker project and Amiga Technologies stated that it would be available as a retrofit upgrade to all machines capable of 1Mb ROMs such as the A1200, A3000 and A4000. They may farm out marketing and distribution to a third party as was done with OS 3.1 and Blittersoft.

Another exciting development for Project Walker is the inclusion of a generic PC IO card all-in-one controller chip. AT hadn't decided specifically which one they'd use but largely the specifications are similar; high speed buffered serial port/s, Enhanced Parallel Port (high speed and suitable for the Zip etc), E-IDE controller and HD

floppy disk controller. An obvious patch up to the aging Paula/CIA combination in the Amiga, at last high speed serial won't result in data loss. The E-IDE interface will drive the in-built quad speed CD-ROM and internal hard drive as well as leaving space for another two devices.

New floppy format

The new floppy interface proves a sticking point however. Quite a bit

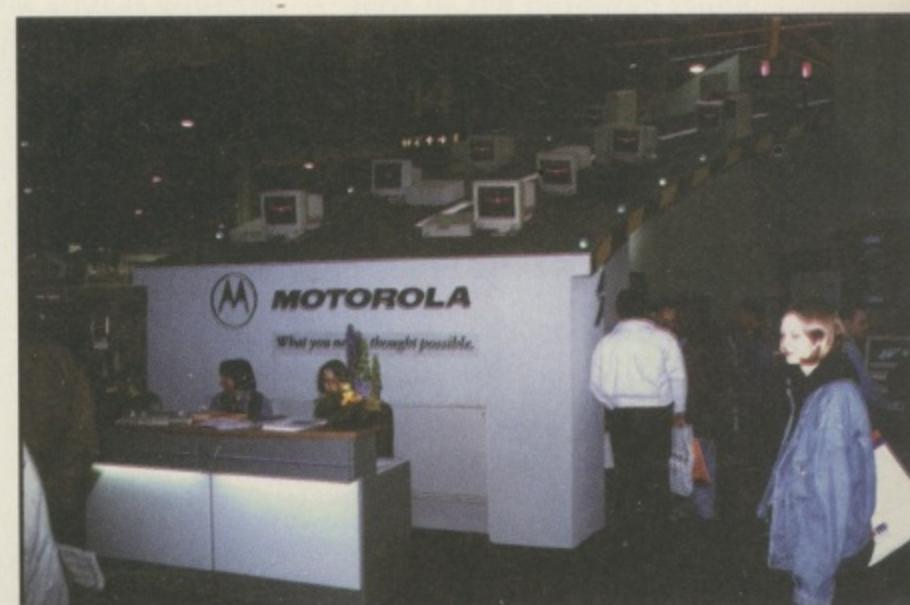


of electronics would be needed to be able to switch between the stock Paula/CIA floppy controller and the new HD floppy

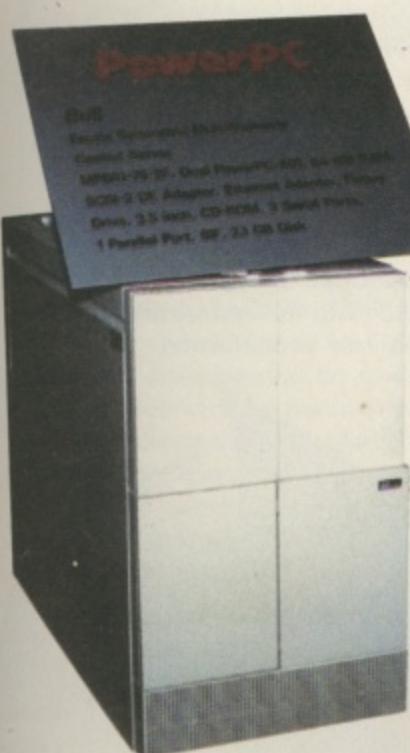
controller. The former would still be necessary if non-OS compliant game loaders would have any hope of working. The latter is essential to retain a full speed HD floppy interface instead of the current expensive half-speed hacked HD floppies. It's quite a dilemma and AT weren't sure how it was going to be handled but did reveal that they plan to change the lay-out of the Amiga HD floppy to include index signals, so it's likely this format would not be compatible with earlier floppy disk formats.

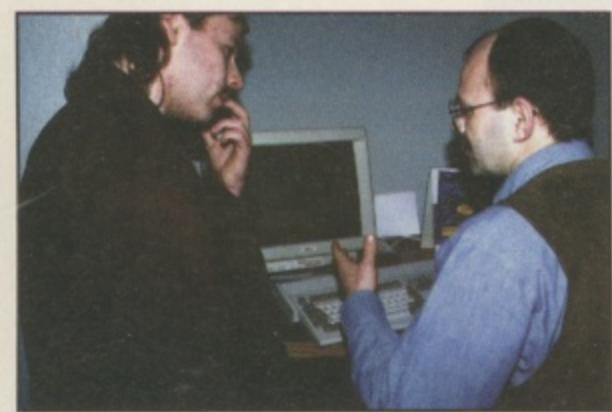
One of the most intriguing features of the Walker is its expansion slot located right in the middle of the motherboard. In fact it's not really one slot but two slots in line. A card could plug into both or one depending on its function.

The exact details on which slot would do what were



▲ Motorola's impressive stand played host to many computer companies that use Power PC technology in their products, including Amiga Technologies with their forthcoming Power Amiga due in 1997.





▲ Amiga Technologies were refreshingly forthcoming with information on the new Amigas.

unavailable but it's most likely that the rear smaller slot has access to the Amigas video signals. This would be essential for a graphics board which would present a monitor port to the rear of the case. The larger half of the slot would mainly be a CPU con-

nector akin to the A1200 trapdoor connector but with more signals enabling a simplification of accelerator design. Aside from these special features, the Walker is essentially an AGA based Amiga which will be largely compatible with the A1200/A4000. Based on a 68EC030 running at 40MHz, it's nearly six times faster than a stock A1200. Many have argued that a full 50MHz chip should have been used or even a 68040. Amiga Technologies point out that accelerators will be available as will an official Amiga Technologies Power PC 603 accelerator upgrade containing the new OS to boot. Those serious about speed

PPC Motherboard

The Power Amiga, or 'PPC Amiga 97' as AT are calling it, will be based around a Power PC motherboard such as this. Amiga Technologies are likely to make the machine some kind of hybrid which while essentially a PPC platform machine, will have most of the IO, graphics and audio functions built in. Though of course they could be expanded upon further via the PCI slots. This would give the user some degree of graphics and sound functionality with the benefits of a system that can be upgraded with all manner of third party add-ons. Economies of scale will mean that both the basic motherboard and any additional cards will offer better value than a custom system.

At CeBIT 96 a variety of motherboards were on show, many with a staggering array of IO options, SCSI controllers, SIMM sockets and so on. Such boards could form the basis of a very nice machine if running the Amiga operating system. So far the only operating systems running on PPC platforms are MacOS, AIX (a Unix flavour) and Windoze NT. Motorola staff admitted there was no operating system suitable for the home consumer as yet. I directed them to the small huddle of Amigas tucked in a corner and corrected, "Not yet there isn't".

would be well advised to remember they're getting reasonable performance in the mean time but not too much expense to throw away when the PPC upgrade comes along in early '97. It's difficult to imagine how wonderful a PPC based Walker would be.

An ideal stepping stone

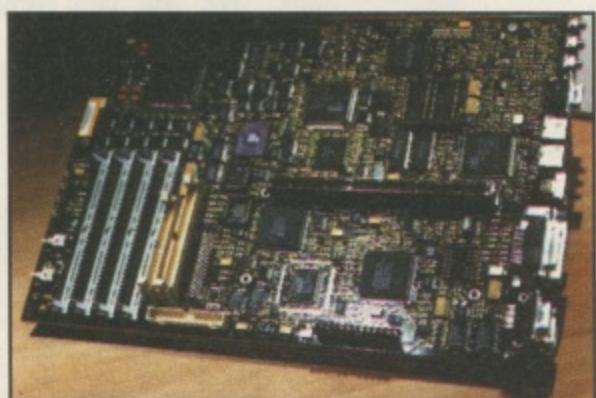
Here Amiga Technologies have delivered the ideal stepping stone Amiga. The last in the AGA custom chip-set line with some stop gap hardware to fix the most serious deficiencies. Couple compatibility with the

existing software base and some serious expansion potential and what do we have? The best Amiga ever made, that's what. This is all before taking into account that this machine should be priced reasonably in the £600-£800 range and is expandable into the next generation of Power PC based computing.

The Walker is due to be put into production in the summer and on the shelves in the autumn in time for Christmas. With a base Amiga that includes a hard drive and a CD drive as standard with decent RAM capacity and processor power, things are looking good.

Let's hope that this time there's a good advertising campaign to back it up.

Rumours that Amiga Technologies have hired the lady from the 'Shake n Vac' advert to promote the new Amiga are entirely unconfirmed.



Project Walker Specifications

CPU

68EC030 40MHz
Space for FPU. Socket or FPU fitted TBA.

MEMORY

2Mb 32-bit Chip RAM
1 SIMM socket expandable to 128Mb RAM fitted with 4Mb SIMM. Total memory 6Mb.
KS 3.2 (V43) 32-bit 1Mb ROMs.

CHIPSET

AGA custom graphics chip trio. 'Paula' - Audio & old floppy and serial ports.
'Tony' - New custom chip with expansion slot support.
Standard multicontroller IO chip. Exact model undecided. 2 8520 CIAs (in sockets)

STORAGE

Hard drive (size undetermined)
CD-ROM drive - quad speed
HD floppy drive

IO

REAR:
23 pin RGB video output.
RF output and composite
RCA/Phono video output.
2 RCA/Phono audio output jacks.
Extended Parallel Port (EPP).
Standard 8520 CIA driven
parallel port.
Hi Speed buffered serial port.
Standard Paula/CIA driven
serial port.
Full speed HD floppy controller.
Standard Paula/CIA floppy
controller.

INTERNAL:

Enhanced IDE (EIDE) interface
supporting 4 drives (2 used by
CD-ROM and HD)

FRONT:

2 joy/mouse connectors.
1 PC AT style keyboard connector.

EXPANSION

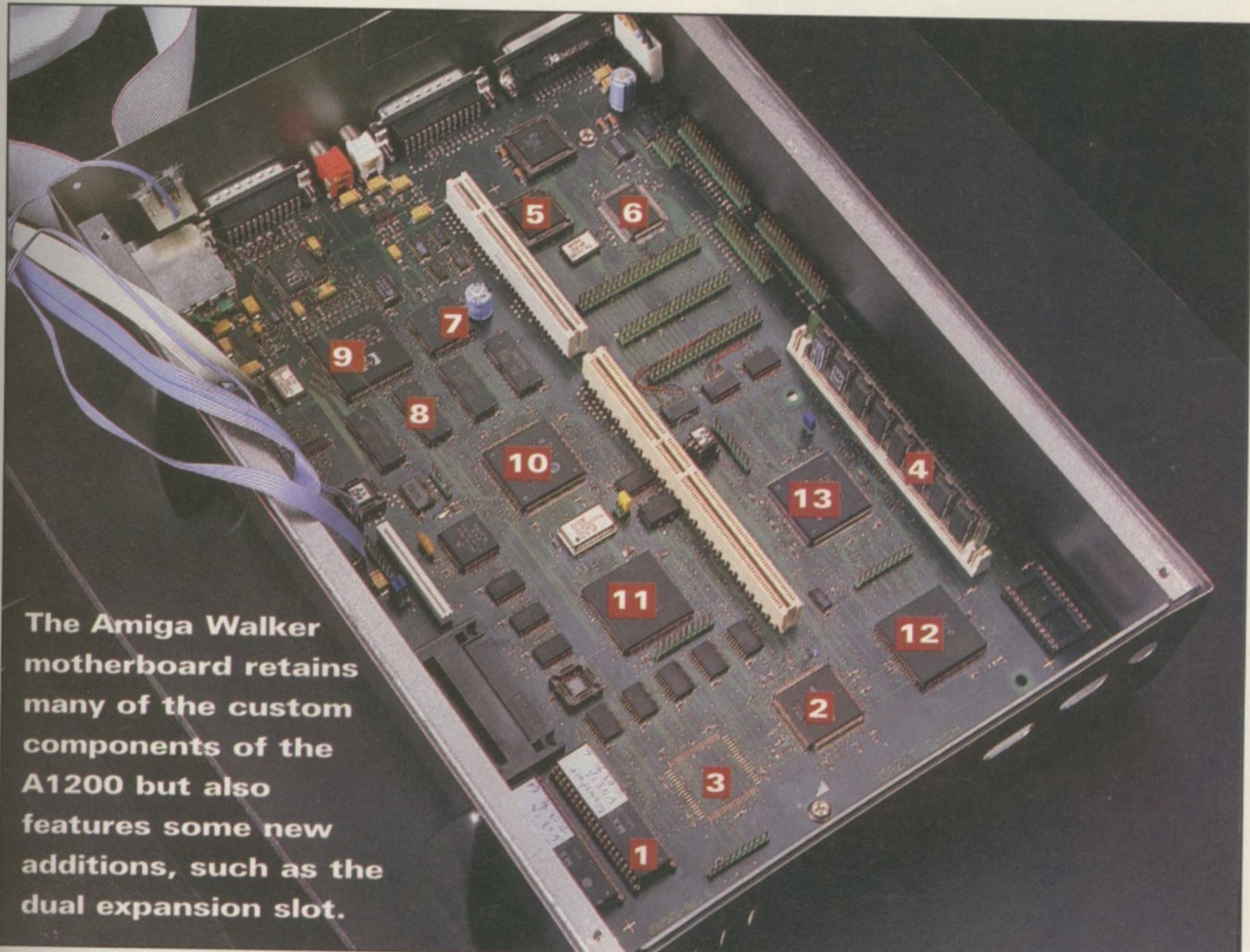
One slot consisting of 2 sub
connectors for video and CPU expan-
sion. Possibly one general IO
connector for simple IO devices.

OTHER

Internal power supply.
Real time clock.
Four Layer circuit board for pro-
duction unit.
PCMCIA present in prototype,
may be dropped for production.



Inside the Walker



The Amiga Walker motherboard retains many of the custom components of the A1200 but also features some new additions, such as the dual expansion slot.

1. ROMs OS 3.2 (V43) ROMs. New 1Mb capacity contains many small bug fixes and optimisations to AmigaOS.

2. CPU The Motorola 68EC30 CPU clocked at 40MHz. Surface mounted and with no built-in MMU, Walker owners would have to look to some kind of accelerator to gain an MMU useful for virtual memory and developers' diagnostic tools. The 68EC030 at 40MHz clocks in at about 7.2 MIPS which is around six times the speed of a standard A1200 with no fast RAM.

3. FPU Amiga Technologies were uncertain whether they would fit the Walker with an FPU socket or an FPU of the 68882 family. If fitted such a unit is likely to be a 68882 also clocked at 40MHz.

4. SIMM socket A standard 32-bit 72 pin SIMM socket capable of accepting a SIMM module up to 128Mb capacity and double sided. Will come with a 4Mb SIMM.

5. 8520 CIAs Part of the original A1000 design, the 8520 Complex Interface Adapters are still present as socketed units due to the high failure rate of the chips.

6. IO Chip The brand new general purpose IO chip which provides several new ports including; Enhanced IDE interface capable of driving four devices. Two of these are the CD-ROM and hard drive fitted as standard. Enhanced Parallel Port (EPP) and high speed buffered serial ports are also on offer which in conjunction with the new HD floppy

controller solves serious shortcomings of the outdated Paula.

7. Paula Unchanged since the A1000, Paula handles the four channels of 8 bit audio, the serial UART and key aspects of the old DD floppy drive interface.

8. Chip memory Surface mounted bank of 2Mb chip memory as required by the AGA chip-set and Paula.

9, 10, 11, 12. AGA Chip set Lisa, Budgie, Alice and Gale respectively. The AGA chip set unchanged from the A1200 and A4000.

13. Tony New custom chip that handles the expansion bus and various parts of the 'glue logic'.

Escom loss fails to halt progress ... Zip drive deal ahead

According to reports in German newspaper Frankfurter Allgemeine Zeitung (ABS) and the Economist Escom recorded a loss of 125 million Deutschmarks (nearly £50 million) for the 1995 financial year. This has resulted in a financial restructuring of the company which saw extra shares being sold at the expense of chairman Manfred Schmitt's holding, despite reports from Amiga Technologies that their German operation in fact made a profit for the year.

This will not effect Amiga Technologies directly, although a new President has been appointed to the company, Stefan Domeyer,

who will operate alongside Petro Tyschtschenko during the upcoming period of new launches. Escom and its investors were keen to stress that the company has long term objectives and strategies which will not be effected by the year's loss.

Other Escom news is that they have recently made an agreement with Iomega as the first computer manufacturer to install Zip drives in their PCs. Iomega have been celebrating their millionth Zip drive sale and the 100Mb, floppy disk sized format seems set to become a standard. If Escom are planning to install these in PCs, what about the new Amiga?

EC law holds up Amiga

New laws which came into force in all EC countries on 1st January 1996 have been largely responsible for the delay of Amiga products according to industry sources. Giles Harwood of Gordon Harwood computers has blamed them for the delay of the new SCSI chips for the Blizzard 1260 cards his company distributes. "The new European Community CE regulations which came into force at the beginning of the year have been a nightmare. Under the new law each product has to be tested with every single possible combination of peripherals and add ons to make sure that their radiation emissions meet the new set guidelines. This is a long, complicated and expensive process and is certainly causing delays to products we hoped to have on sale directly after Christmas."

These CE or controlled emissions regulations mean that anything which fails the test by emitting or failing to shield radiation (depending on what the product's purpose is, with computer peripherals failing because of emission) has to be redesigned and tested again to make sure it passes. The A4000T which was designed in America has had to have minor modifications to be sold here because of this, according to an Amiga Technologies source, and similarly the Q-Drive has had to undergo extensive testing before being released with the approved CE mark. This has caused considerable delay in getting these products to the UK.

Low cost RAM security

The problems of computer and chip theft were highlighted at a conference held by Thames Valley police in Berkshire at the end of February. The conference, held in Bracknell, the southeast's computer manufacturing capital, concentrated on the millions of pounds being lost by companies due to theft of RAM, which is small, easily transportable, in high demand and expensive. In the Thames Valley Police area alone computer crime cost £17 million in 1995.

Although the conference concentrated on PCs, the Amiga uses the same 72-pin RAM chips as

most PC systems and because of the Amiga's predominance in the Graphics industry which is RAM intensive the threat remains high, despite thieves potential unfamiliarity with the system itself.

In terms of keeping RAM safe the conference was the launchpad for a simple system called ID-BAR, a visible deterrent which is linked to a national database. The bar is permanently attached to a RAM SIMM and is marked with an identity number. If the SIMM is stolen and an attempt is made to pass it on a number on the ID-BAR can be called, and the true owner can be



Stateside

By: Jason Compton

With CeBIT and World of Amiga UK occupying everyone's attention, it could be easy to forget to watch the rest of the world for Amiga happenings. But fortunately, I'm paid to keep a watchful eye on North America for CU Amiga Magazine's readers.

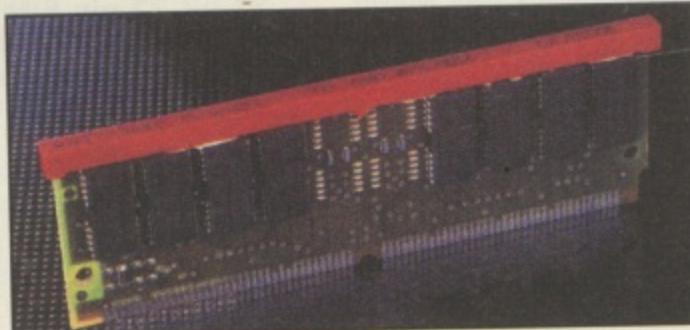
To try to keep the market on a roll, Amiga Convention '96 will be held in Montreal, Canada on August 3rd and 4th. No guests or exhibitors have been announced yet but the conference organisers are offering inexpensive table space to commercial developers and retailers as well as free table space for users who bring their machines. Competitions for 3D graphics, music, and demos will be held with cash prizes. For more information, contact Frederic Tessier, head organiser, at +514-649-9756, or E-mail him at moogy@generation.net.

One of the original and long-committed Amiga application developers, Softwood, have finally kicked their on-line support and presence into high gear. In addition to a graphically impressive Web site at <http://www.softwood.com>, they are taking steps above and beyond the call of duty to bring innovative services to the net.

They have established an "Amiga User White Pages" at <http://www.amiganet.com>, devoted to listing E-mail addresses and other Web home pages of Amiga users. Of interest to sellers and buyers alike is Softwood's new Amiga Mall, at <http://www.amigamall.com>. The Amiga Mall provides links and sales service for Amiga developers and retailers wishing to expand their service to online customers. The Mall can be viewed at <http://www.amigamall.com>, and inquiries about establishing a presence on the Mall should be directed to company president Woody Williams, woody@softwood.com or +602-431-0949.

Draco Systems, the company that provides distribution for Macrosystem's Draco non-linear editing computer as well as their line of Amiga products, has announced pricing configurations for Draco models to be sold here. Low-end systems, without any V-Lab Motion hardware, will be US\$4750. At the high-end is a Draco with 32-bit Draco Direct V-Lab Motion editing card and 5 gigs total hard drive space for US\$10995.

Draco Systems and Macrosystem will be present at the National Association of Broadcasters (NAB) conference in Las Vegas, Nevada in April. In addition to the formal launch of the Draco and by far the highest profile presentation of the V-Lab Motion technology to date, the companies will preview the new 32-bit Draco Direct V-Lab Motion card. This V-Lab bypasses the normal and relatively slow Zorro II bus for a custom Draco bus capable of pushing far greater quantities of data and allowing for uncompressed video images in higher quality, for crisper output and more flexible applications. All in all not a bad month.



had several years experience in the car industry where insurance costs have been significantly reduced thanks to better security. As the ID-BAR becomes more common the insurance industry has indicated that they would look favourably on companies that take measures to protect their computer equipment.

Amiga equipped companies with RAM to protect should contact Retainaguard on 0181 870 2224 for more details on their computer security devices.

Matt Broughton's



Games in view



Hello girls and boys! Things are on the up for our faithful grey wonder and thanks to some kind publishers we can be assured of more releases in the coming months.

Time Warner Interactive (who you'll no doubt remember swallowed Amiga legends, **Renegade**, a few months back) have just released a new schedule covering releases up until next Autumn and among those titles mentioned we have a confirmed May release date for the excellent **Sensible World of Soccer European Champ Edition**, retailing at £19.99. We can also look forward to the much-delayed dinosaur beat 'em up, **Primal Rage**, trampling onto your screens through the Time Warner Interactive label in June (£29.99). This will be followed shortly thereafter by the long-awaited **Chaos Engine 2** (on both A1200 and A500/600) at the end of June/beginning of July for £29.99.

Following on from the release of **Tracksuit Manager 2** (see my review elsewhere this very issue) Alternative Software have a number of titles to show on the Amiga in the next few months, with the first coming in the shape of more management shenanigans. **Rugby Boss** is touted as a straight-forward management game but rather than being based upon the Tracksuit Manager engine as you might expect, this has a completely new engine, written entirely from scratch. It's due out some time around the end of May/beginning of June and will retail at the budget price of £14.99. All the usual options, features and, er ... things will be available, along with the option to fornicate with members of the royal family even though you've got an absolutely stunning wife. Probably.

As first reported in these very pages a few months back, Alternative Software also have a number of shoot 'em ups in development. The first sign of

Things are on the up. Lots of nice games publishers have released their new schedules and it looks like the Amiga won't be left out in the cold. So come in, put those wet things away and warm yourself with the warm glow that this month's games news generates.

these little beauties will come around the end of April, when a double pack is being released at a budget price point. This will include two games: **Traitor** and **Rage**. Both promise high-speed thrills and spills in the standard shoot 'em up mould, and Alternative's main man, Roger (which, incidentally, is my gerbil's name – no relation) Hulley is keen to point out that these aren't by any means sub-standard budget twosh, but two excellent romps that they simply thought would work better together as a budget package.

The third of the Alternative shoot 'em ups is, however, a stand-alone product. Due in June (juice-jangle-jong) **Death Angel** is described by Roger, as being a 90s version of the popular classic **River Raid** (substitute the word 'old' for 'classic' if you're under 16 years old). However, where the original **Activision** product had rubbishy-looking craft floundering up rivers, this promises sexy graphics and gameplay ahoy, along with the **Raiden/Banshee**-like option to have two players controlling two craft on-screen at the same time, nay simultaneously.

And finally, as if that wasn't enough for one news report, Alternative also have plans to convert their popular PC game, **Pro Rugby**, over to yon humble Amiga. This more arcadey simulation game (ie it's NOT management-only) features club teams from Australia, England, New Zealand and France, together with all the top national sides.

Extra touches seen on the PC version included increasingly ragged pitches, different stadia, crunching tackles, big match

atmosphere, and even in-game commentary provided by BSkyB's Mick "Stevo" Stevenson and Eddie Hemmings.

Exactly how many of these features will survive and how well they will translate to the Amiga is still under investigation, but Alternative are currently suggesting an Autumn release date. Roger is a major fan of Rugby League and is equally enthusiastic about this project and has wanted to develop a game like this for quite some while.

"With the advent of the Super League and the game's much higher profile, I thought it must be the ideal time for my own company to come up with one," said Alternative's Roger Hulley.

More good news comes from Guildhall Leisure, where the ex-Krisalis product, **Legends**, is nearing completion. Since being picked up by the Guildhallers, the Zelda-esque beauty has been tidied up somewhat and looks to be with us on A1200 and CD32 from March the 28th.

Unfortunately (and no, I'm not being the Grim Reaper) there doesn't look like there'll be an A500/600 version at any point in the near future. The price point for **Legends** is set at £29.99.

April 18th is another date to set in your books, as it should see the release of **Extreme Racing** on the CD32, again priced at £29.99. We can also look forward to a data disk for the racing extravaganza at a later date.

And finally (to close on this happy, happy day) the merry month of May will not only see a **Gloom** data disk for the A1200, but **Gloom 2** for the CD32 (on May the 16th to be ambitiously exact).

So there you are! Hardly any bad news at all and, if anything, an excellent indication that the Amiga games scene is far from dead.

Have a good HMV chart. Be seeing you. Until next month my little CU chums ... ■

Matt Broughton

HMV GAMES Amiga Top 10

No	Title	Publisher
1	Sensi World of Soccer 95/96	Virgin
2	Worms	Ocean
3	Premier Manager 3: Deluxe	Gremlin
4	Tracksuit Manager 2	Alternative
5	Ultimate Soccer Manager	Sierra
6	Tactical Manager	Ocean
7	Player Manager 2	Virgin
8	Sensible Golf	Virgin
9	Pinball Prelude	Effigy
10	Fantasy Manager 95/96	Hit Squad

We must be Nuts!

**FREE INTERNET ACCESS FOR A MONTH
WITH BOTH SQUIRREL INTERNET PACKS**

SQUIRREL SURF PACKS

**Squirrel
Surf Packs
from £199**

HiSoft have two amazing offers that will allow you to surf the internet for a whole month free. The £199 Starter Surf Pack is the ideal system for the beginner taking their first steps on the information super highway. The £299 Super Surf Pack is designed for the user who wants to cruise the information highway in style. If within your free month you do not wish to continue your internet experience, you are free to return* the pack to HiSoft for a



Surf Squirrel makes connecting a modem, CD-ROM, hard disk or Jaz drive.

Internet access includes:

- Full internet access with email, ftp, telnet, WAIS, gopher and world wide web.
- 100% UK coverage for local call internet dial-up. Contact us for an access number local to you.
- Usenet news feed - participate in the thousands of usenet news groups.
- 500Kb of Web space- create and maintain your own World Wide Web page.
- Other services available including ISDN, additional web space, mail filing, message forwarding (alert pager/mobile when message arrives) and message forwarding (send email to pager/mobile).

Starter Surf Packs contains:

- 14.4k modem which supports all the major standards up to V32bis.

Super Surf Packs contains:

- 28.8k modem which supports all the major standards up to V34.

Both Surf Packs Comprise:

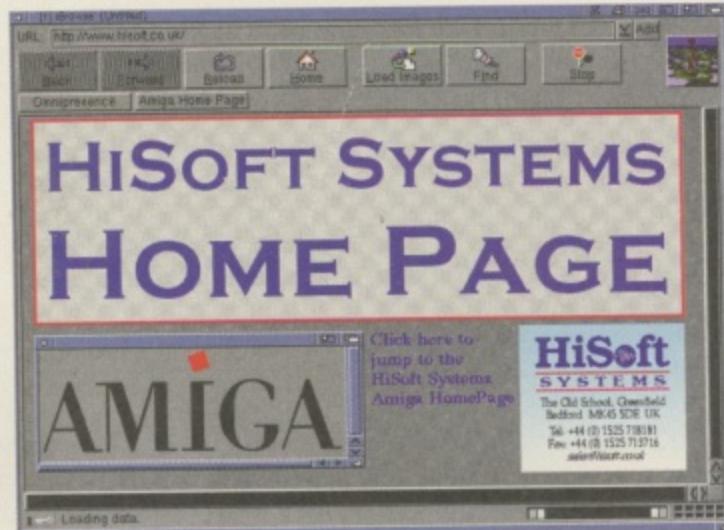
- The excellent Surf Squirrel with its SCSI and high speed serial interface.
- TCP/IP Internet access software.
- Additional utilities for email, ftp, IRC, telnet, gopher and the amazing IBrowse world wide web browser.
- 1 month free internet access (UK).
- Full 12 month guarantee
- 30 days free technical support.

refund. Should you wish to continue access after your free access period, we can offer you further access from just **£10 per month**.

So why not start surfing with one of HiSoft Systems's Surf Packs? Designed for both the beginner and expert alike, the Squirrel Surf Packs include all the software, hardware, and documentation to get you quickly, and easily, onto the information super highway.

Ordering a Surf Pack couldn't be easier, simply phone our freephone order hotline on **0500 223660** and quote SS14 to order a Starter Surf Pack or SS28 to order a Super Surf Pack.

Both Surf Packs require an A1200 with a hard disk and a minimum of 4Mb of memory, should you require either extra memory or a hard disk, then check out the amazing offers at the bottom of this page.



Surf the net with IBrowse, the excellent web browser included in both Squirrel Surf Packs

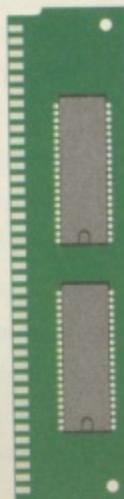
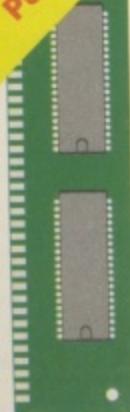
* Pack must be returned with all packaging and in full working condition. You may be liable for damaged or incomplete returns.

RAM Upgrades

HiSoft can now offer Amiga owners excellent prices for RAM upgrades.

72pin 60ns SIMMS - suitable for all A1200/A4000 RAM & accelerator boards, except GVP.

4Mb SIMM £99.95
8Mb SIMM £159.95



Squirrel Storage Systems

2.5" IDE

64Mb	£59.95
170Mb	£124.95
540Mb	£249.95

SCSI Internal (add £70 for external units)

270Mb	£119
420Mb	£179
840Mb	£229
1Gb	£299

CD-ROMs (add £60 for external units)

Sony 2.4 Speed	£79
Toshiba 4.4 Speed	£179

Removable Drives

Iomega Zip Drive	£199
Iomega Jaz Drive	£599

Other capacities are available, phone for details.



SUPERDOUBLE CD PACK

Includes 2 free CDs



£189
includes
Squirrel SCSI

The superb SuperDouble CD-ROM is back! Using an excellent 2.4 speed drive from Sony, this CD-ROM provides outstanding performance at an amazing price. With a 360Kb/s data transfer rate and a 230ms access time, the SuperDouble CD-ROM provides all the speed for the power user.

The SuperDouble is fully compatible with the new Squirrel MPEG card, supporting the industry standard VideoCD (White Book) format.

The SuperDouble CD-ROM pack includes the award-winning AGA Experience CD-ROM - rated 93% in issue 79 of Amiga Format. This CD-ROM is crammed full of pictures, utilities, demos, animations and tools for AGA Amigas. The SuperDouble pack also includes the latest Aminet CD-ROM. This disk is brimming with the latest PD, shareware, utilities, demos and picture files from the Aminet archives on the internet.

A full classic Squirrel is also included in the pack. This allows easy connection of any SCSI peripheral to the A1200. The package has all the necessary drivers and software for easy connection of hard drives, CD-ROMs and removable disk drives, such as the Zip™ Drive, to your Amiga.

Jaz is a revolutionary 1Gb removable hard disk system for any Amiga with SCSI. Like a Zip drive on steroids, Jaz provides astonishing performance. Offering data transfer rates of up to 6MB/s and access times of under 12ms.

For full information on this amazing SCSI peripheral contact HiSoft Systems.

- 1Gb Carts
- 6MB/sec



£599
plus P&P

jaz

Cinema4D™

Professional Ray-Tracing and Animation for your Amiga



Cinema4D is the easy-to-use ray-tracing and animation system for your Amiga. Equipped with an intuition-based multi-tasking editor, Cinema4D is replete with every conceivable option including window-based real-time interactive modelling, direct modelling in 3D, basic and complex primitives with infinite variations, easy object manipulation, floating toolbars, user-defined menus, object and texture lists, definable object hierarchies, optimised versions for 68020 (A1200 etc.) & FPU, and much more!

The Cinema4D animator brings you even closer to the world of "virtual reality", breathing life into objects and scenes. Whether you have your spaceship dock with a spacestation, or take a tour around the darkest dungeon - with Cinema4D it's so simple. Just a few mouse clicks and you



will have your objects move realistically through time and space.

Cinema4D also includes MagicLink, the flexible object converter. MagicLink converts all popular object formats (Imagine, Sculpt, DXF, Reflections, etc.) to Cinema4D format & back.

Order Hotline  **0500 223660**

To order any of the products shown on this page (or any other HiSoft title) - just call us, free of charge, on 0500 223660, armed with your credit or debit card; we will normally despatch within 4 working days (£4 P&P) or, for only £6 within the UK, by guaranteed next day delivery (for goods in stock). Alternatively, you can send us a cheque or postal orders, made out to HiSoft. All prices include VAT. Export orders: please call or fax to confirm pricing and postage costs. © 1995 HiSoft. E&OE.



All prices include UK
VAT @ 17.5%

SQUIRREL MPEG



Squirrel MPEG

The SCSI MPEG Player for your Amiga, Atari, Macintosh & IBM-PC Compatible

Bring the cinema into your home and onto your computer with Squirrel MPEG™. Playing the popular VideoCD and CDI CD-ROMs as well as raw MPEG streams, Squirrel MPEG brings high quality digitally mastered images and 16-bit stereo sound to you and your Amiga.

Squirrel MPEG is a SCSI peripheral that can be used in conjunction with any SCSI controller, such as the Classic Squirrel™ or Surf Squirrel™, and any VideoCD compatible CD-ROM. Squirrel MPEG can also be used as a stand-alone unit, with a SCSI CD-ROM, as an addition to your TV, Video and Hi-Fi setup.

Available from March 1996, Squirrel MPEG is the latest in an established line of ground-breaking products, for you and your Amiga, from HiSoft Systems.

Studio V2 Professional

The original colour management system for your Amiga

£49.95

Studio 2 brings professional colour management to the Amiga, ensuring that the colours on your screen match the colours on your printer.

Use Studio 2 to get the most out of your printer. With its powerful Workbench drivers, you will get outstanding printed results from your applications, every time.

Studio 2 is also directly supported by the popular printer manufacturers, and always includes drivers for their latest printers.



Set every conceivable print option from the Studio preference program

DiskMAGIC

Easy File & Disk Management

£39.95

Constantly doing battle with the Shell/CLI? Stop this futile struggle with DiskMAGIC, the easy-to-use file and disk management utility from HiSoft.

DiskMAGIC simplifies every task you perform, from the copying of disks and files, to the viewing of pictures and anims. In fact, after using DiskMAGIC, you'll wonder how you ever used your Amiga without it.



HiSoft SYSTEMS

The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716
email: hisoft@cix.compulink.co.uk

Zip is a trademark
of Iomega Inc

The Amiga Needs You!

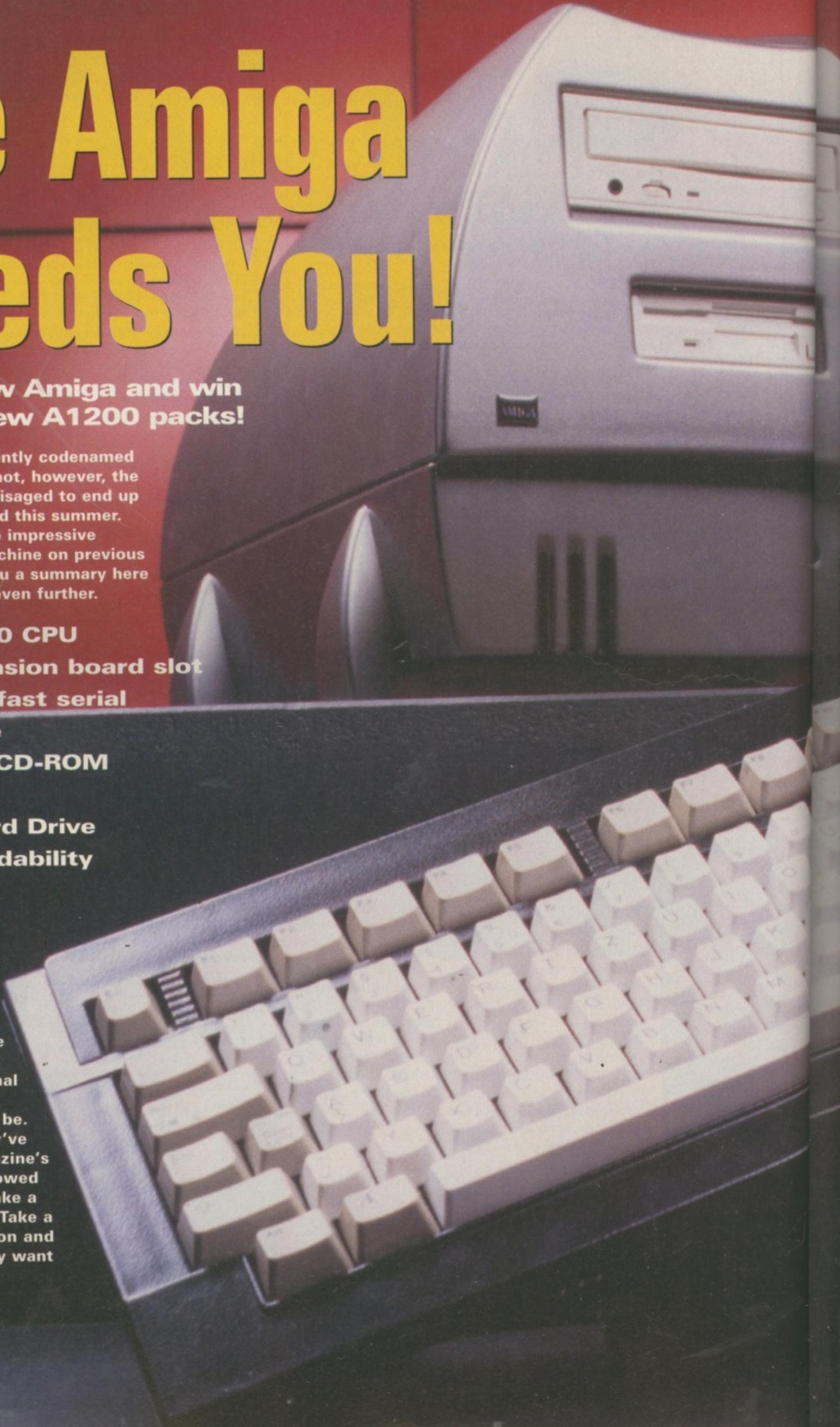
**Name the new Amiga and win
one of two new A1200 packs!**

The new Amiga is currently codenamed Project Walker. This is not, however, the name the project is envisaged to end up with when it is launched this summer. You've already seen the impressive specification of the machine on previous pages, but let's give you a summary here to whet your appetite even further.

- **40MHz 68030 CPU**
- **Double expansion board slot**
- **IO chip with fast serial**
- **HD disk drive**
- **Quad Speed CD-ROM**
- **5-6Mb RAM**
- **Standard Hard Drive**
- **Future upgradability to PowerPC**

All this and a completely wacky new look!

Amiga Technologies' biggest dilemma at the moment is trying to figure out what the final name of this next generation Amiga will be. And this is where they've asked CU Amiga Magazine's intellectually overendowed readers to help out. Take a look at the computer. Take a look at the specification and then get thinking: they want YOU to give it a name.



WIN!

The top entry drawn will receive an Amiga Surfer Pack and the one judged next best will receive an Amiga Magic Pack. These superb upgrade packages are being supplied courtesy of Amiga Technologies UK.

RESTRICTIONS

Amiga Technologies is only placing one restriction on your creativity: no numerics in your chosen name. Yep, no A1300's allowed. No A10,000's or A1's either. Not even a Super 3500. Nothing with numerics in it at all will succeed in getting past the vast litter bin that is the floor of our office.

We at CU Amiga Magazine will place one more restriction on the deal. No obviously stupid names. Although we will no doubt have a good giggle at them we won't insult Amiga Technologies by sending them on to be judged. So before you get smart, remember that we've already called it everything from the Sandwich Shop Toaster to the 50's Radio Set, the Hoover and the Space Invader. And none of these will pass muster.

So you can't name it after a number and you can't name it anything obviously silly. So what ARE you going to name it? Difficult eh? Sit down and think about it. And never again say that Amiga Technologies doesn't let you make decisions about the Amiga's future: your name could be the key to its success!

HOW TO ENTER

All you have to do to enter is write your chosen name on the back of a postcard or a sealed envelope, with a brief explanation (30 words or less) of why you think it is so good. Post all entries to the following address: The New Amiga Is ... CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. The closing date for receipt of entries is 17th May 1996. All qualifying entries will be forwarded to Amiga Technologies for judging. Good luck and good naming.

**Rules**

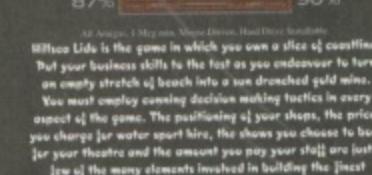
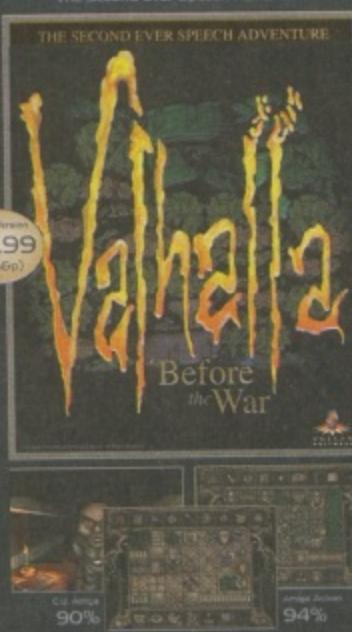
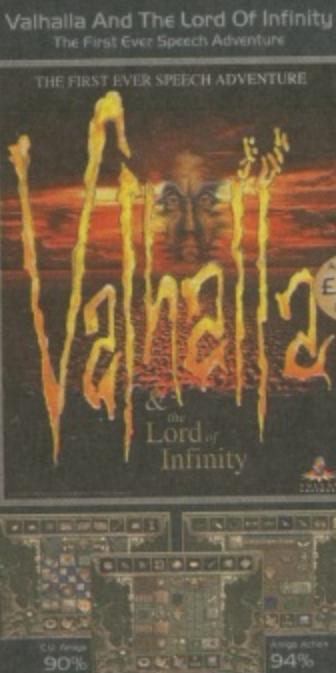
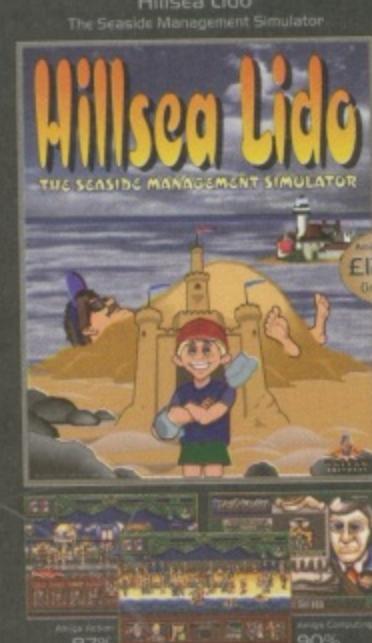
1. The decision of Amiga Technologies will be final and no further correspondence will be entered into
2. Only one name and explanation will be judged on each individual entry
3. The prizes are supplied by Amiga Technologies and no cash alternative is being offered
4. Any names submitted for judging will be deemed to be copyright free. Any name sent in as part of this competition may be used freely by Amiga Technologies in product names, descriptions and promotions.

Any of the names chosen for prizes may not necessarily be used by Amiga Technologies. The competition is based on the best two entries in the opinion of the judges and prizes will be awarded accordingly, whether their entries are used by Amiga Technologies or not. If more than one person sends in the winning name, the winner of a prize will be drawn from the total amount of entries which carried that name.



VULCAN SOFTWARE LIMITED IS PROUD TO PRESENT AN EVER EXPANDING RANGE OF AMIGA GAMES AT INCREDIBLY LOW PRICES

PLEASE Register me with Vulcan Software Ltd.	
Name
Address
Post Code
Payment by Cheque/Postal/Access/Visa/Mastercard or:	
Bank name/number
Expiry date
I would also like to purchase (please tick)	
<input type="checkbox"/> Hillsea Lido The Seaside Management Simulator <input type="checkbox"/> Timekeepers The Simplistically Complex Puzzle Game <input type="checkbox"/> Valhalla Lord Of Infinity First Speech Adventure <input type="checkbox"/> Valhalla Before The War Second Speech Adventure	
All prices include VAT and carriage within the UK. Over seas please add £2.00 per title for postage.	



All Amiga, 1 Meg min. Memory, Hard Drive available

Hillsea Lido: The Seaside Management Simulator.
The game in which you own a slice of coastline. Put your business skills to the test as you endeavour to turn an empty stretch of beach into a sun drenched gold mine. You must employ cunning decision making tactics in every aspect of the game. The positioning of your shops, the prices you charge for water sport hire, the shows you choose to book for your theatre and the amount you pay your staff are just a few of the many elements involved in building the finest seaside resort in the world.

All Amiga, 1 Meg min. Memory, Hard Drive available

Timekeepers: The Simplistically Complex Puzzle Game.
The keepers are an old police force from Earth's future established to protect the 4th dimension. Their latest mission concerns the antics of a psychopathic warlord who has hidden nuclear devices in four different time zones. Of course, 10 men have been chosen to travel back in time to locate and deactivate the bombs. Using your skill and judgement, you must organise, delegate, coordinate and manage each plot from through 60 levels in order to find the devices that threaten Earth's future, but beware for the levels are packed with complex puzzles, obstacles and traps. Your destiny is in your hands.

All Amiga, 1 Meg min. Memory, Hard Drive available

Valhalla And The Lord Of Infinity: The First Ever Speech Adventure.
Ten long years have passed since Infinity murdered Garamond, the King of Valhalla and claimed the crown, yet Garamond's young son and heir to the throne escaped the slaughter. Now come of age, the Prince is returning to enact vengeance for his father's death and claim his birthright. In the first ever speech adventure you are the Prince's mentor on his quest. Inch your way through four vast levels in the chilling castle of Valhalla you enter a world crammed with logical puzzles and richly interactive characters.

All Amiga, 1 Meg min. Memory, Hard Drive available

Valhalla Before The War: The Second Ever Speech Adventure.
In this four level prequel you play Infinity's mentor on his quest of hatred as which master is the ultimate goal. You begin your quest in the Servants Hall under the watchful eye of Garamond's Sorcerer. Deep in the dungeons you meet the Royal Guardsmen, but whose side are you on? Be scared out your wits in the Haunted Gallery and dual in conversation with Mephistopheles. In the Royal Chambers you will meet all the members of the Royal family including the little Prince star of Valhalla And The Lord Of Infinity.

ARE YOU REGISTERED YET?

If you have ever purchased a Vulcan Software title then we would like to take this opportunity to thank you for supporting the Amiga with us. Vulcan are 100% committed to this platform and since our birth in July 1994 we are proud to present the above four titles as our catalogue to date. We strive to produce excellent quality software and at the same time we address existing pricing policies with the initiation of our MiniSeries (Collectors Editions). As Vulcan now operates Mail Order only we are able to release all titles at incredibly low prices, £30 for a game? not any more...

If you would like to register with Vulcan Software then please feel free to fill in the form, as any current registered user will tell you we have an exceptional after sales service, as well as receiving your own identification number you will automatically be entitled to free technical support, 100% replacement policy, free help and hint line, free demos and every time we release a new title you will be the first to know about it. You will automatically receive informative newsletters for all of our future releases along with any ordering information. Put simply if you're not registered then you won't even know what you're missing, can you afford to miss out on Valhalla III (The Fortress of Evil), Timekeepers (Expansion Disk), Bograts (The Puzzling Misadventure) and Jetplot (The Realistic Flight Simulator) all of which are just a few of our forthcoming titles that will not be available anywhere else other than direct from Vulcan Software Limited. Want To Play? Then Join Today!

Vulcan Software Limited. Vulcan House, 72 Queens Road, Buckland, Portsmouth, Hants PO27NA
TEL (01705) 670269 FAX (01705) 662226

Vulcan Software Ltd is a member of the Data Protection Authority.



CENTURION PD QUALITY PD/CD & SHAREWARE

ONLY
40P EACH
IF YOU SUPPLY THE DISKS

WE SUPPORT THE MIDNIGHT EXPRESS BBS +44 (01384) 865626

LATEST GAMES

(*) DENOTES NUMBER OF DISKS (AGA) = A1200 ONLY (2.4) = W/B2+
 G015 SHEPHERD
 G070 STAR TREK (3)
 G072 STRIKE BALL
 G076 USA 94 (N1.3)
 G075 SCOTTS F/BALL MNGR
 G085 100 PD GAMES (7)
 G090 SOCCER CARDS
 G096 HUGO (3)
 G097 STARBASE 13
 G102 DONKEY KONG
 G105 KARATE CHAMP
 G107 MARIO IN WILAND
 G110 ALL ROUNDER CKT
 G114 TOP OF THE LEAGUE
 G115 HIGH OCTANE
 G123 GREEN 5
 G124 DELUXE GALAGA
 G128 POKER MANIA
 G129 MANGLED FENDERS
 G135 CHANEQUES (2)
 G136 TEAM TETRIS 1.36
 G137 SUPER OBLITERATION (W/2+)
 G141 DR STRANGE 2
 G142 MASH
 G143 JUMP EM
 G144 SUPER COMBAT 3 (2)
 G145 SKID RACER
 G150 R3
 G151 DUCK DODGERS
 G152 DELUXE PACMAN (ECS)
 G153 BRATWURST (AGA)
 G154 TRONICS
 G155 DELUXE PACMAN (AGA)
 G156 CODENAME NANO
 G158 KLONDYKE (AGA) (3)
 G159 PUCMAN
 G161 BOOMIN ECK
 G162 APPLEJACK (AGA)
 G163 GLADIATORS OF DAGANON
 G164 DIGITAL NINJA
 G165 TOP SECREET
 G166 IN DEAD OF THE NIGHT (3)
 G170 MARATHON MAN (AGA)
 G171 KILL THE LITTLE DUDES
 G172 ALIEN SPACE
 G173 MADONNA
 G174 COSMIC RACER

G175 ROCKETZ II (AGA)
 G176 CYBERGAMES (2)
 G177 EGG SCRABBLE
 G178 COARSE ANGLER (2)
 G179 ALIEN BASH II
 G180 THE LAST SOLDIER (2)
 G181 LEGIONS OF DAWN
 G182 BLACK DAWN 5
 G183 MORTAL KUMQUAT III
 G184 DARK ANGEL
 G185 SUPER SKIDDY TNGS-3
 G186 SUPER ELF SQUAD
 G187 FEARS DEMO (AGA)
 G188 CITADEL DEMO
 G203 TRAP EM
 G204 GALLEONS
 G205 EMOTIONAL CONFLICT
 G206 LEDGENG/POUND ISLE
 G207 PUSH AND SHOVE
 G208 LGE CHAMP SPEEDWAY
 G210 PREM LEAGUE MANAGER
 G211 CHMP MGR EDITOR 2.4
 G213 DOGENSTEIN (AGA)
 G214 CARDZ!!
 G215 CENTREFOLD SQRS (18)
 G217 VISAGE (AGA)
 G218 POWERODYS (202)
 G219 FUNHOUSE III
 G220 NESQUICK
 G221 FUNHOUSE II
 G222 ASI W/BENCH GAMES 9
 G223 ASI W/BENCH GAMES 8
 G224 BURGER BAR
 G225 DAMAGE WOLF
 G226 DENTAKU (AGA)
 G227 TAG
 G228 WHEELBARROW
 G229 MOVIE MAKER II (2)
 G230 STRIKE COMMANDER
 G231 CHARLIE CHIMP
 G232 ATOMS
 G233 DRAGON TILES (AGA)
 G234 WOOGIES
 G235 BIKER BABES
 G236 KNOCK OUT (1200)
 G237 HELSINKI FORCE (3)
 G238 PENGUINS

ONLY
40P EACH
IF YOU SUPPLY THE DISKS

& THE AURORA BBS +44 (01942) 511252 - ORDER HOTLINE TEL:

GAMES CONT.

G239 MACHO KILL
 G241 ELDritch (1200)
 G242 SPATIAL HYPERDRIVE
 G244 BLOODBALL
 G245 MASTERBLAST 2.2
 G247 MARTIAL SPIRIT
 G248 BEETLE (NOT 600)
 G249 GLOOM DELUXE DEMO (AGA)
 G251 SILLY SOCCER
 G252 COIN MANIA
 G253 NICKY II
 G254 ULTIMATE MANAGER 1.1
 G290 TOOBS
 G291 HILT II
 G292 MORTON STRIKES BACK
 G294 RACING MANIACS
 G295 KNIGHTS (A1200)
 G296 PENGU
 G297 FRIDAY NIGHT POOL
 G246 C64 & 100 GAMES (6)
 G216 WIPEOUT
 G134 MR MEN OLYMPICS (2)
 G157 SUPERMEGA FRUITS
 G168 SENSIBLE MASSACRE II
 G198 SUPER SKODA CHALLENGE
 G194 GNU C CHESS
 G199 TETRIS PRO

EDUCATION

E001 AMIGA TUTORIAL
 E002 ARTISTIX
 E003 AMIGA FRENCH VERB
 E004 BASIC TUTOR
 E005 COLOUR IT
 E006 CHEMESTHETICS
 E007 C-ENCYCLOPEDIA (12)
 E008 COMMUNICATE
 E009 DINOSAURS
 E010 DINOWARP
 E011 D/PAINT III TUTOR
 E012 DUNKS DTP
 E013 DISCOVERY / ATOM (2)
 E014 EASYSPELL II
 E015 EUROMAPS
 E016 FRACTIONS / SILLOUHETTES
 E021 AMIGA TUTORIAL
 E022 ARTISTIX
 E023 COLOUR IT
 E024 COMMUNICATE
 E025 DINOSAURS
 E026 DINOWARP
 E027 D/PAINT III TUTOR
 E028 DISCOVERY / ATOM (2)
 E029 EASYSPELL II
 E030 EUROMAPS
 E031 FRACTIONS / SILLOUHETTES

WE HAVE 1000'S OF AMIGA
TITLES TO CHOOSE FROM

& THE AURORA BBS +44 (01942) 511252 - ORDER HOTLINE TEL:

EDUCATION CONT.

E017 GUIDE TO LWR / BACK PAIN
 E018 GCSE MATHS MODULE 1
 E019 HOW EARTH BEGAN (2.04+)
 E020 HIGHWAY CODE TUTOR
 E021 INSIDE / OUT GAS TURBINE
 E022 INSIDE / OUT PETROL ENG
 E023 INSIDE / OUT STEAM ENG
 E024 IO TEST
 E025 INVASION MATHS
 E026 KIDS PAINT
 E027 LANGUAGES (1.3 ONLY)
 E028 LEARN / PLAY I
 E029 LEARN / PLAY II
 E030 MR MEN (1.3 ONLY)
 E031 MIND
 E032 MR ROBOT SPEAK / SPELL
 E033 MATCH WITH HUMPTY
 E034 NOODYS PLAYTIME DEMO
 E035 NOAHS AMIGA GUIDE
 E036 OCTAMED TUTOR
 E037 QUIZBASE
 E038 ROCK A DOODLE
 E039 SPANISH (A1200 ONLY)
 E040 STORYLAND II
 E041 SIMON / SPACE MATHS
 E042 SING NURSERY RHYMES (2)
 E043 STARLAB
 E044 TREASURE SEARCH
 E045 TALKING COLOUR / BOOK
 E046 WORLD DATABASE II
 E047 WORDS II
 E048 W / WAR II
 E049 WORLD GEOGRAPHY
 E050 W / B II TUTOR
 E051 SPANISH / FRENCH / GERMAN
 E052 BACK TO SCHOOL I
 E053 BACK TO SCHOOL II
 E054 BACK TO SCHOOL III
 E055 EDUCATION COLL (5)
 E056 BACK TO SCHOOL IV
 E057 EDUCATION COLL (5)
 E058 EDUCATION COLL (5)
 E059 EDUCATION COLL (5)
 E060 JACK FROST
 E061 DESERT STORM
 E062 RED PLANET
 E063 KEYQUICK
 E064 GCSE MATHS PAPERS (1.3)
 E065 GUIDE TO W / B III
 E066 TYPING TUTOR (AGA)

POSTAGE RATES
UK=75p OTHERS=1.50
IF OWN DISKS SENT=1.00 UK
OUTSIDE OF THE UK=2.50

+44 (01274) 677673 9am - 6pm (Answer Machine After This)

LATEST UTILITIES

MU40 HIPPOPLAYER 2.11
 U185 WORDS 2.3 (GOLD ED)
 U186 APEX SLIDESHOW MAKER
 U187 SUPER CRUNCHERS
 U188 ANIM PRO (2)
 U189 COLOUR-A-MORPH
 U191 VIRUS WORKSHOP 5.6
 U192 MESSYSID V3.0
 U193 THE BEST LOTTERY PROG
 U194 TEXT ENGINE 5.0 (WB2+)
 U195 WORD PUZZLE PRO
 F013 PAGESTREAM / SETR FNTS (5)
 U197 EXECUTIVE V1
 U198 MCP 1.05
 U199 ELECTRIC DIG DSNR (WB2+)
 U200 COP THE LOT PRO V3
 SS59 COOKIE SLIDESHOW AGA (2)
 U82 G BLANKER 3.6 (020)
 U96 T.U.D.E V1.00
 U107 GOLD ED 3.0 (020)
 U117 SCOUT (MUI)
 U120 DOS MAN
 U122 DIARY 2000
 U133 AMITCP V3.0 (2)
 U134 ZXAM V2.0 AGA
 U136 SHAPESHIFTER 3.08 (4MB)
 U141 EASYCALC V2.0B
 U144 ESSENTIAL AMINET 8
 U146 SUPER OMS
 U159 MUI V2.3
 U160 INTERNET UTILS 2
 U161 ASI MULTIVISION 9
 U163 ASI MULTIVISION 10
 U164 ASI DISK HELPER 9
 U166 ASI DISK HELPER 10
 U169 AMIGA FAX 1.42 (WB2+)
 U170 STOCK CONTROLLER PRO 1.2
 U177 GRAPHICS W / BENCH AGA (4)
 U178 VIRUS CHECKER 7.17 (WB2+)
 U180 A BACKUP 500 (WB2+)
 U216 VIDEO TRACKER
 U226 CITIZEN PRINT MANAGER 2.1
 U225 PRINT STUDIO
 U95 PRO GAMBLE 2.1
 U106 IMAGE STUDIO 2.0 (2)

WE OBTAIN ALL THE LATEST
PD TITLES SO IF YOU CAN'T
SEE WHAT YOU WANT THEN PLEASE
GIVE US A CALL WE MAY HAVE IT

MUSIC DEMOS

DM08 SPACEBALLS WAYFERER
 DM46 SPACEBALLS SOTA
 DM53 100 TOP DEMOS (6)
 DM54 JESUS ON E'S (2)
 DM55 SONGS RACK (AGA)
 DM59 ROOTS II (AGA) (020)
 DM60 TEMPLE OF DECEASE AGA
 DM61 DRUGSTORE (2)
 DM63 LECH (AGA)
 DM64 ZOOT-JE (AGA)
 DM65 GREENDAY (AGA) (2)
 DM67 IMPOSS / POSSIBILITY (2)
 DM68 GRAPEVINE 21 (2)
 DM69 ITCHY AND SCRATCHY II
 DM70 DAS OMEN (AGA)
 DM71 HOUJOBB JAMMIN (AGA)
 DM72 ANIMATUNES (AGA) (2)
 DM73 MOMENTS (AGA)
 DM74 GEN X (AGA) (2) (4MB)
 DM75 ALIEN INSPIRATION (AGA)
 DM76 BIG TIME SENSUALITY AGA (2)
 DM77 ITCHY AND SCRATCHY 4
 DM78 ALIEN (AGA)
 DM79 HUMAN (AGA)
 DM80 VIVAT SLOVAKIA (AGA) (2)
 DM82 STILLETTO (AGA)
 DM84 POLKA BROS ULVEN (AGA)
 DM98 BRAINCCELL (AGA)
 DM99 FANATIC (AGA) (2)
 DM97 SILENTS (AGA)
 DM98 DOMINATION (AGA)
 DM95 RAZOR (AGA)
 DM93 NO NAME (AGA)
 DM94 NFA THE WORD 8 AGA (2)
 DM105 C42 AGA
 DM106 FRUIT KITCHEN AGA (2)
 DM85 BAYGON (AGA)
 DM86 SURF JAZZ WAVE AGA (2)
 DM87 BATMAN (2)
 DM90 RAW 9
 DM92 ZYNOSIS (AGA)
 DM91 TIME (AGA) (1.5MB)
 DM107 THE FLINTSTONES (18+)
 DM02 ROBOCOP
 DM09 RED DWARF
 DM14 TOP GUN

* PLEASE STATE MODEL OWNED *

SAVE 45.00.....354.99
 SAVE 30.00.....469.99
144.99
34.00
59.00

U204 STAR PRINT STUDIO
 U210 PANASONIC PRINT STUDIO
 U151 PRINTER DRIVERS
 U205 DJ PRINT
 U158 POWER LOGO

PRINTER UTILS
 U23 PRINT STUDIO
 U24 PELICAN PRESS (3)
 U13 CITIZEN PRINT MGR
 U220 EPSOM PRINT DRIVES
 U222 PRINT DVR GENERATOR

SEND BLANK DISK & SAE FOR LATEST CATALOGUE DISK OR FREE WITH ORDER.
 WE STOCK: FRED-FISH
 ASSASSINS GAMES
 SCOPE
 TBAG
 LSD TOOLS
 ARUG
 NEW ZEALAND
 SPECTRUM GAMES
 BUSINESS
 MUSIC UTILS
 SLIDESHOLS
 CLIPART
 CITIZEN ABC COLOUR PRINTER
 AMIGA POWER SUPPLY
 EXTERNAL DISK DRIVE WITH V-CHECKER

(DEPT CU) 24 WASTEWATER DRIVE, WOODCREST, BRADFORD, WEST YORKSHIRE BD6 2TN, ENGLAND. PLEASE ADD THE CORRECT POSTAL COSTS IN ORDER TO AVOID ANY DELAYS (SEE TOP FOR RATES)...



Amiga Quest!

Reading interviews with software publishers and letters in Backchat you would be forgiven for thinking that there wasn't an Amiga or an Amiga game on sale in a single shop in the country. It's been doom and gloom for the last year or so, but games are still being published, new Amigas are

arriving and this magazine sells by the truckload: how can this be (apart from the obvious fact that we're fab)? We set out to discover the real level of retail stocking on the high streets of Britain.

As CU Amiga Magazine is based in Farringdon, on the fringes of London's west end, the most obvious place to

start off was Oxford Street. Oxford Street has two of the biggest game retailers in London, both occupying massive amounts of space: HMV and Virgin. These are big companies, they like to keep up with the times, stay in touch with fashion so obviously (rightly or wrongly) the Amiga would be low on their list of priorities. Not so.

Just where can you find Amiga software and hardware? By all accounts it's becoming increasingly difficult, so we sent a team out to find out if the allegations are true. Lisa Collins, Alan Bunker and Martin Davies investigate ...



■ Far Left: HMV, Manchester. Centre: Multimedia Discount Shops, Wood Green. Left: Electronic Boutique, Luton.

HMV's Amiga (and CD32) game shelves take up two aisles of a single, large floor in the shop. HMV not only supplies our charts each month, it also supplies charts for other publications, some of which are

It's fine, if I can't find a game I want here I just get it mail order.

James Harker, Amiga user, London.

interested not just in Amiga but in all other formats too.

Chart successes

According to the HMV chart in the March 11th issue of Computer Retail News, an industry newspaper, the Amiga had entries at number 2, 5 and 18 of the all-format charts. The

all-format charts detail sales of every other computer game format ... PCs consoles and sometimes (but very rarely) Macintosh. At number one was a PC CD-ROM product, followed by Amiga Sensible World Of Soccer 95/96, while in third place was a Megadrive game. The first of the 'New' formats, Playstation, only mustered in at number 9: four slots behind Amiga Worms. It's no wonder HMV still give a lot of prime shelf space to the Amiga.

And what of Virgin? VIE (Virgin Interactive Entertainment), as the games producing side of the empire is called has not produced an Amiga title for ages now: has this attitude filtered down to what is stocked in the stores themselves? Again no.

Although the Amiga section in Virgin Games on Tottenham Court Road is in a bit of a backwater, unlike HMV's it still takes up about six metres of shelf space and was more



The Wood Green Multimedia Discount Shop had quite an impressive display of Amiga games.

Inset: At Luton's Silica, Paul Allen picks his favourite utility package from the productivity shelf.

than adequately stocked with new and old, full price and budget stock. Virgin too is enthusiastic about Amiga sales though software is only available in the bigger stores.

The man in the street

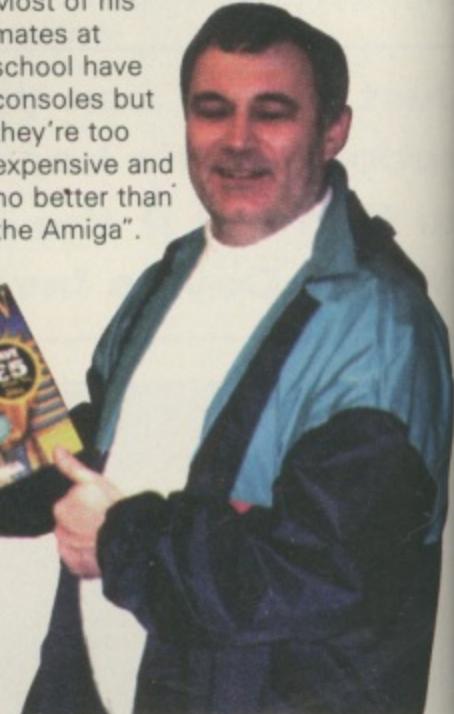
Just to get an idea of what people on the ground think of availability in shops like these we collared James Harker in the Virgin megastore.

James, 26, from Cirencester actually lives and works in London now and although he uses a PC at work still uses an Amiga at home. We asked him what he thought about availability: "It's fine, if I can't find a game I want here I just get it mail order. There are still plenty of advertisements for games". Some people think that mail order is unreliable though? "I've never had any problems". How often does he buy games? "Oh, only about five or six a year, ones like Sensible Soccer, I play other games on my PC at work".

Aiden McGill, who would rather not say his age, from Slough in Berkshire was in HMV on a shopping trip with his son Michael, 9, while his wife headed elsewhere "to spend lots of money". According to him you can only get games in bigger shops now: "This is great, but there's still not much variety, not as much as there used to be."

Does he visit London for all of his games? "There's nowhere decent stocking games out my way so I always come in here whenever I come up to London – except on match days when I've got better things to do with my time! I'm not really very interested in games anymore, but my son here is mad about them. Some of them, like Worms, are good to play together and I like him to play games that make him think. Most of his

mates at school have consoles but they're too expensive and no better than the Amiga".





■ Escom Shop, Upper Street, Islington, London.

Elsewhere?

Next stop was north London, Islington and Wood Green where we checked out WH Smiths for software availability and dived into the infamous Escom stores, to see if they really were as poor at stocking the Amiga as they've been made out to be.

The first port of call was Escom's store in Upper Street, Islington. There wasn't an Amiga on display and the assistant there who didn't want to give his name was not exactly optimistic. "We had a whole bunch in through Christmas but there's been no serious attempt to actually sell them as opposed to PCs. Our shop's difficult anyway because we don't really have space. There have been a few enquiries but not very many. I think effectively it's dead," he said. Oh dear. When pressed further as to why there hadn't been a serious attempt to sell them he went on to say: "We haven't really been sent any

information about them. I do know a bit about the Amiga. They need to develop new models and price them competitively. It's useless without a hard drive, it's all right just to boot a game off but to do anything serious you're just continually swapping disks. You're better off with an old 486 with hard drive for any practical purpose."

So with weary hearts we trudged onto Wood Green's Escom shop and lo and behold our hearts were lifted. In a complete about turn Islington Escom's bigger brother had the Amiga Magic



pack on display and even had one Amiga set up and running (which, according to Alan they didn't have a few months ago). Graham, the Technical Manager there was pleasant and friendly and said that, although sales were not exceptional, they were still going to continue the display for the foreseeable future.

A quick call in to Tandy's in Wood Green also produced promising results. Although they only sell A1200s (the A4000T is still not available in the UK), Tandy's Ms Williams said that, although currently quiet, they [the Amiga A1200] sold well over Christmas.

Dixons in Wood Green don't sell Amigas, though the staff there were pleasant and pointed us in the

'There's been no serious attempt to actually sell them as opposed to PCs.'

Anonymous salesperson, Escom, Islington.

direction of the Escom shop and advised us to "read the Amiga magazines for more information". We told them to tell people to "read CU Amiga Magazine" if they want to find out more. Tee hee! Free advertising.

So far though, there was no sign of any Amiga software. However, WH Smiths in Wood Green shopping centre put this right. There was quite a lot of Amiga games on display, albeit at reduced prices. Also, Mark Johnson, the new manager there, once an Amiga owner, is planning a shake up, hopefully involving more Amiga games and is "going to find out from head office what is happening with the Amiga particularly."

Also in Wood Green shopping centre, there was a very prominent display of Amiga games in the Multimedia Discount Shop. Though the sales assistant there did say that they were planning to move some of them to make room for PC CD-ROMs.

Out of town First stop: Luton

We sent Alan Bunker, wrapped up in a trenchcoat, with a flask of hot



■ Left: Steve the Student at GAME always buys stuff from here. In fact, the whole of Manchester seems to.

■ Far left: Amiga customer Paul Allen (left) and sales assistant Jason Richards (right) at Luton's Silica store say they love the Amiga.

■ Phil Creegan, Assistant Manager of GAME, Manchester has plenty of opinions on the Amiga scene.



chocolate up north to find out what the situation outside London is like. Seeing that Lorraine Chase almost managed to make Luton sound interesting, he decided his first stop should be this large-ish town. Luton is a commuter town for London, it has an airport and was even featured on Sky One recently in a police programme – did you know there are 9,000 car crimes committed every year in Luton? Fascinating. It is also home to a sizeable indoor shopping centre and this is where our investigation into the availability of Amiga software began.

In demand

First to appear was Electronics Boutique, the chain who were once called Future Zone. Being quite a small shop, we were surprised to see approximately 15-20% of their shelf

"Around 15 percent of our sales are Amiga-based. As well as software, we sell joypads and joysticks. At the moment, we have a lot of people waiting for *Championship Manager 2*."

And what's been the biggest seller recently? "Recently, *Worms* was big for us. We were constantly out of stock of that game. Since I've been here, *Worms* has definitely been the biggest seller."

Well, there wasn't much else happening here so next on the agenda was Silica, on the top floor of Debenhams. And it was with some amazement that I saw Amiga related stuff aplenty with large sections set aside for 'productivity' and 'games' software! It was all positioned in full view – in the middle of the floor – with a demo machine set-up and ready to roll. Now this kind of support is more like it!

A bit Breathless

Jason Richards, a Silica sales assistant, enthused: "We do well with Amiga. Currently, *Breathless* is the biggest selling game." Having interrupted Jason from chatting to a paying Amiga customer, we nailed the browser down and demanded he tell all: "I have an Amiga 500 modified with 1Mb of Chip RAM and an additional 8Mb of memory built in to it. I have a hard disk, CD-ROM, MIDI interfaces and I have it directly linked into a PC. I use my Amiga for editing and sampling music which is mainly for business. There's a group of us who use Amigas. We all find it very good for us, particularly because it's got hardware scrolling built in and the music capabilities are excellent – the PC's only just catching up. I come to Silica because I like the service," he continued. "I've been dealing with them since they were originally Amiga people. You get great back-up from here; it's not just buying the product but the help you get afterwards. And

**We do well with Amiga.
Currently, *Breathless* is the
best selling game.**

Jason Richards, Sales Assistant, Silica, Luton.

space given over to Amiga games which was about the same area given to Playstation and Saturn software. Unfortunately, the three shoppers there were perusing the latest in PC CD-ROM software which left me talking to the store's Assistant Manager.



■ "Where's our Champ Manager 2?" cry the staff at Luton's Electronics Boutique. They already have 50 advance orders!

if they can't help, they'll put you onto someone who can."

In fact Silica's stock of productivity and games software was excellent. And, of course, machines and joysticks were available too. Whatever you use your Amiga for, these guys would be able to help out. The A1200 set-up near the counter allows potential buyers to try out both hardware and software. Then when you're ready to leave, Silica will provide you with a booklet all about the Amiga which you can take away and read at your leisure. Well done, Silica.

Other stockists of Amiga software in Luton are Beatties. The display is very small, though, and the games were well out-of-date: *Defender II*, *Body Blows* and the like. Hmm, not very impressive although the Scalextric set for £70 at the back of the shop held my attention for some time.

No luck at Dixons, unfortunately. And if you want to buy an Amiga at Tandy, you'll need a sniffer dog to rummage under the shelves. This way, you may find one tucked away in a corner gathering dust.

The mighty Escom, saviours of the Amiga that they are, have a shop in Luton. Oh yes, a shop full of PCs. DX, SX, Pentium ... yeah. But wait, a humble A1200 is set-up at the back of the shop priced at the far from humble £399. No software, no accessories. No salesman prepared to talk us through the system. Mention PCs, though, and the mood dramatically changes. Don't you just feel that the future of Amiga is in safe hands?

And on to Manchester ...

Well, enough of Luton. Let's get big, get mentally prepared for the long rail journey to Manchester. Here's another interesting fact for you: Apparently, Railtrack had a six month working profit of £515 million pounds this year. Why is it, then, that they can't whisk our reporter to Manchester and back without points on the track failing and rear diesels breaking down? Eventually Alan did arrive at Manchester. A splendid city where, to fit in, you gotta wear baggy jeans, have a goatie beard and play thumping music from an XR3i with a broken exhaust. Only kidding. How would the Amiga fare out though?

On the GAME

Market Street is the main shopping area of Manchester, where the huge Arndale Shopping Centre looms on both sides. Seeing the attractive check-out assistant in Boots, Alan found himself drawn inside. In their electrical section, he found a small array of ageing Amiga titles at extortionate prices including *Hired Guns* for £34.99! There were no games you could consider



■ Main picture: There were lots of Amiga Magic Packs and even a working Amiga on display in the Escom Wood Green shop (Inset).

'new'. Boots sales assistant, Brian Smith, explained: "We don't stock a lot of anything anymore. You're better off going to GAME." He was even kind enough to give me directions!

On the way to GAME, our intrepid reporter stumbled upon a three-storey WH Smith's. In this huge floor space, a mere dozen or so Amiga games were discovered which were disturbingly out-of-date once again – Arabian Nights, that kind of thing. Even more bemusing was the 'pick a price and pay' scenario; y'see, many of the games had various price tags on so you had to scan the box and find the lowest price. A game could be drastically reduced by 50 percent this way! And the dippy sales assistant who looked completely shocked at the mention of 'Amiga' and 'computer software' was a hilarious sight in itself!

Amiga paradise

With faith in Manchester stores at rock bottom, Alan dragged himself in to GAME. It was a mirage, surely! Starvation from Amiga games had sent him delirious. But no, credit where it's due. GAME had an excellent display of full and budget priced Amiga games. From the latest and greatest games software to classics of yesteryear, all your Amiga software and accessory needs could be found here. Not only this but GAME were offering a fantastic deal: three games for the special price of £29.99.

Offering his personal opinion on the Amiga scene, Assistant Manager Phil Creegan mused: "The reason the Amiga is having the door shut on it is because it's been taken over by Escom. I think they'll probably try to support the Power Amiga when it comes out rather than anything else. They don't seem to have supported the existing Amiga at all, whether it be hardware or software. It's also a shame that software publishers don't support the games side – there's a hell of an installed user base. You have to resort

to bulletin boards to find a lot of software. And some stores only make a token effort at stocking Amiga games instead of fully supporting the scene".

"I used to work at Virgin with their Software Buyer and, when I left, the Amiga was still fairly strong with the likes of SWOS and Cannon Fodder 2 being released. There was a lot of support and people were still producing titles. But now look at Domark, for example, who have put back Championship Manager 2 so many times now – basically, it's because they're trying to hedge their bets. They're trying to see whether there's still interest in it. But believe me, Amiga stuff still sells very well.

"The problem is that nothing really stands out at the moment. New in is Breathless. And then you've got Speris Legacy. Some of these titles are good but, I don't know, others give you the feeling that someone got Blitz Basic for Christmas or something and decided 'Oh, I'll try my first game' but they're not great ... you know what I mean?"

The in crowd

Giving Alan time for a quick nod, Phil continued on in miraculous page filling fashion: "They're trying to do things with the A1200 that, really, it's not designed to do. They're trying to do these 3D Doom-like games which I don't think is the Amiga's strong point – you need Fast RAM and accelerator boards to get into that sort of thing. But how many people have these? And you have to fork out a lot of money if you want them.

"You want to concentrate on what the Amiga does best, what it still does better than the Playstation and Saturn – the Playstation's 2D engine is rubbish. You should be developing innovative, two player games. Worms was a very simple idea but was done very well. It's the gameplay and playability that matters, not fancy graphics.

"The Amiga's been out for a very

long time and has very good programmers – they've all got brilliant ideas. Maybe the way forward is to get a small group of them together and pull their ideas together. The Amiga should be alive and well."

With this in mind, Phil assured us that GAME would continue to support the Amiga for as long as there was the software. From what I could tell from the display and from the few Amiga consumers I bumped into around the

Some stores only make a token effort at stocking Amiga games ...

Phil Creegan, assistant manager, GAME, Manchester.

stores in Manchester, GAME is the place to go.

Nineteen year old Steve, a local student lurking around GAME, said: "I usually buy my games from HMV or GAME. They have the best range of software. I mainly use my Amiga for games. The last game I bought was Worms which I was very pleased with. It's incredible – so playable, it's unbelievable. But I do think the emphasis has shifted for the Amiga from games to utilities. You can tell this from what the magazines are now offering on their cover disks."

Andrew Pepper, 20, whom we talked to at Manchester's HMV, seemed to sum up a lot of the games-playing public's feeling: "I think the market's still quite good. I like the new games such as Worms, etc, and I also use my Amiga for word processing.. But the games on the new systems, like the Playstation and the Saturn, are overtaking the Amiga."

And so ...

It's good to see the Amiga still has a good presence among the specialists. On a sadder note though, we realised while writing this article that the smaller independent stores, who were more in touch with the public, seem to have disappeared altogether. But the truth is that software and Amigas are still available, you might have to look harder for it, but it's still well worth the effort. ■

GH

offers you our
LOWEST Prices Ever



With GH
AMIGA
PACKS...

(See Right)
and...
BLIZZARD
1230-IV
& **1260**

TEAM
ocean

FREE
KILLING
GROUNDS
ALIEN BREED
32
Worth £29.95
While stocks last!

AMIGA TECHNOLOGIES

AMIGA 260Mb HD SURFER PACK	£CALLI
A1200 + 260Mb Hard Drive + 14400 Internal Modem (with Internet Web Surfer, Tel Conferencing, E-Mail & SFTP File Transfer etc), Wordworth V4SE, Datastore 1.1, Organiser 1.1, TurboCalc 3.5, Personal Paint V6.4	
AMIGA MAGIC PACK	£379.95
A1200, Wordworth V4SE, Datastore 1.1, Organiser 1.1, TurboCalc 3.5, Photogenics 1.2SE, Personal Paint V6.4, Pinball Mania, Wizz & Print Manager	
AMIGA 170Mb HD MAGIC PACK	£469.95
A1200 + 170Mb Hard Drive plus the "Magic Pack" software (shown above) and Scala MM300	
THE THREE AMIGA PACKS ABOVE INCLUDE "KILLING GROUNDS"	
Amiga 1438s Monitor	£289.95

DOT MATRIX PRINTERS

Citizen ABC Colour inc. Cable	£137.95
Citizen ABC Sheet Feeder	£34.95
Citizen ABC Tractor Feed	£34.95

INKJET PRINTERS

Canon BJ30 inc. Cable & Driver	£169.95
Canon BJC70 inc. Cable & Driver	£229.95
Canon BJ210ex inc. Cable & Driver	£214.95
Canon BJC610 inc. Cable & Driver	£399.95
Canon BJ-C4100 inc. Cable & Driver	£289.95
HP DeskJet 340 inc. Cable & Driver	£224.95
HP DeskJet 600 inc. Cable & Driver	£239.95
HP DeskJet 660 inc. Cable & Driver	£319.95
Epson Stylus Colour II inc Cable & Driver	£229.95
Epson Stylus Colour II inc Cable & Driver (Studio II required for 720dpi printing on Epson Stylus II)	£349.95

PRINTER CONSUMABLES

Citizen 9 Pin Mono Ribbon	£3.95
Citizen 24 Pin Mono Ribbon	£3.95
Citizen 9/24 Pin Colour Ribbon	£12.95
Epson Stylus Colour - Mono Cartridge	£13.95
Epson Stylus Colour - Colour Cartridge	£29.95
Epson Stylus Colour II - Mono Cartridge	£17.95
Epson Stylus Colour II - Colour Cartridge	£24.95
HP DeskJet 300/500 - Mono Cartridge	£23.95
HP DeskJet 300/500 - Colour Cartridge	£26.95
HP DeskJet 600/660 - Mono Cartridge	£23.95
HP DeskJet 600/660 - Colour Cartridge	£25.95
HP DeskJet 340 Portable - Mono Cart.	£20.95
Canon 600E - Black Hi Capacity Cart.	£10.45
Canon 600E - Cyan Cartridge	£9.45
Canon 600E - Magenta Cartridge	£9.45
Canon 600E - Yellow Cartridge	£9.45
Canon 600E - C, M, Y, K, 4 Pack	£35.45
Canon BJ-C4000 Black Tank	£13.95
Canon BJ-C4000 Colour Tank	£24.95
Canon BJ-C4000 Colour Cartridge	£29.95
Canon BJ10/BJ200 Black Cartridge	£16.45
Canon BJ30 Cartridge	£32.95
Canon BJ30 Tank - 3 Pack	£13.95
Canon BJ70 Colour Cartridge	£37.95
Canon BJ70 Colour Tank	£16.95
Canon BJ70 Black Tank	£11.95
Canon 800/820 Black Cartridge	£16.95
Canon 800/820 Cyan Cartridge	£21.95
Canon 800/820 Magenta Cartridge	£21.95
Canon 800/820 Yellow Cartridge	£21.95

MICE/TRACKBALLS/JOYSTICKS

Mega Mouse II 400dpi - 2 Button	£10.95
Mega Mouse II Plus 400dpi - 3 Button	£12.95
Alfa Data Optical Mouse	£28.95
Alfa Data Trackball	£32.95
Python Joystick	£10.95
Zipstick Joystick	£11.95
Saitek Megagrip II	£10.95

AND... GH PERSONAL FINANCE - JUST 10% DEPOSIT WITH NOTHING MORE TO PAY FOR 6 MONTHS!

PERSONAL FINANCE DEFERRED PAYMENT PLAN FOR PERSONAL INDIVIDUALS VISITING OUR SHOWROOM
AVAILABLE ON PURCHASES OVER £500... PAY A MINIMUM OF 10% DEPOSIT NOW, THEN NOTHING MORE FOR 6 MONTHS!
During that period you can settle in FULL (without finance charges) or continue your agreement with normal interest arrangements
(i.e. Direct Debit APR 27.8%/2.07% per Month, Payment Book 32.4%/2.37% per Month). And... for the first 6 months you'll also receive
FREE Agreement Life Cover. Written details available on request.

Subject to status and an £18 arrangement fee. Please contact us prior to visiting for Easy Application requirements.



GH is a family business established in 1955, supplying systems since 1982. With over £40 million worth of units supplied, and a quarter of a million happy customers, our trading record leaves others standing!

SO, HOW DO YOU DECIDE WHERE TO BUY YOUR AMIGA EQUIPMENT?

That's the question we asked in a recent survey. When given a choice of ten categories, customer

TOP THREE priorities were...

No. 1 PRICE

At GH you'll get the BEST overall deal... Look at our prices, combine them with our service, and you'll see we're Number 1 for... No. 1, 2 & 3!

No. 2 SERVICE

This is our **No. 1** priority for YOU.

No. 3 PRODUCT CHOICE

Everything for your Amiga. If it's not listed just phone and tell us what you need!

HOW TO ORDER FROM GH...

PHONE GH...

We accept all major credit/debit cards with NO TRANSACTION SURCHARGES.

POST OR FAX...

Please include your Name, Address and preferably a daytime and/or evening telephone/fax number with your requirements. If using a debit/credit card include its number and valid from/expiry date (and issue number with switch card). Make cheques please allow 7 days clearance. Drafts or P.O.s payable to... Gordon Harwood Computers Limited

GH PRICES...

Prices include VAT, at the standard rate of 17.5%, for all UK and EC customers.

UK overseas Armed Forces Personnel may be exempt VAT - please ask for details.

DELIVERY...

We offer prompt shipment with fully insured express delivery options throughout the UK, Europe and Worldwide at a very modest cost. If ordering by mail, please call to confirm delivery charges.

GH WARRANTY...

Manufacturers' standard warranties apply or, about GH's comprehensive extended options. Please ask GH for full details.

Whilst our standard warranty cover is comprehensive, we also offer enhanced and extended warranties too. If you require a fast collection service for unusual down time... ask for details then choose an option that suits your particular needs best. Our 'Gold Service' is priced from as little as £10!

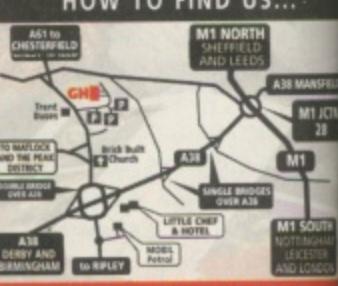
Lifetime Warranty Plan for equipment used at home (ie not on commercial premises)... Add an extended warranty to any hardware from GH. Take up to 5 yrs cover and at the end of that period extend again on an annual basis, you get a lifetime peace of mind. Schemes exist cover for accidental damage as well as break down. Fully transferable should you wish to sell your equipment or enhancing resale values. Even available on certain hardware purchased elsewhere. Phone GH for details.

Manufacturers' specifications and GH prices are correct at time of going to press, however, they may fluctuate and are therefore reserve the right to amend them - confirm prices before ordering. This advertisement is an invitation to treat, not an offer to sell. Goods are not supplied on credit basis. All warranties are subject to Harwood's Terms and Conditions of Sale, a copy of which is available on request. E&OE.

VISIT THE GH SHOWROOM...
where our massive range of Amiga hardware, software and accessories are all available **OFF THE SHELF!**

We're open Monday to Saturday 9.00am until 5.00pm

HOW TO FIND US...



VISIT OUR SHOWROOM...

ALL PRICES INCLUDE VAT AT 17.5%

Computers

Harwood
01 773 836781



If you can't visit us personally, why not ask for an Application Pack for a convenient, flexible **GH BUDGET ACCOUNT CARD**. No Deposit and repayments over convenient periods can be arranged by mail. Once established, you can purchase with your new card and leave existing credit card limits intact!

We supply all Government and Education Departments along with Major PLCs. Call GH now for a rapid response to your Quotation requests!

Why don't you use our new...
GH EMail Internet address
harwood@applelink.apple.com



For your protection all Credit Cards are Security Checked

Phone Gordon

Harwood
01 773 836781

Dept. CUA /A3, New Street, Alfreton, Derbyshire. DE55 7BP

FAX: 01 773 831040

Win a Q-Drive

Did you miss out on last month's CD because you didn't have a CD-ROM drive? Well now's your chance to win one!

As reported in this month's news the Amiga Q-Drive's UK arrival has been delayed but is scheduled to land on these shores during April. To celebrate this, Amiga Technologies are offering one as an exclusive CU Amiga Magazine competition prize.

The Q-Drive is worth £229 and is a high quality dual-speed CD-ROM drive with CD32 emulation developed by Amiga Technologies themselves.

To be in with a chance of winning this superb CD-ROM drive all you've got to do is answer the following questions and send your replies in on the back of a postcard or sealed envelope:



Rules:
 1. Amiga Technologies' decision on who wins the prize is final and no further correspondence will be entered into.
 2. Entries must be received on the back of a sealed envelope or postcard. Entries inside envelopes will be automatically disqualified.
 3. All correct entries will be placed in a box and the eventual winner will be drawn from this box by a representative of Amiga Technologies.
 4. All entries must be sent to CU Amiga Magazine at the address below.
 5. All entries must be received by 31 May 1996.

1 In which German city is Amiga Technologies GmbH based?

2 What is the name of the new Amiga internet hardware and software pack?

3 What is the average capacity of a CD-ROM disc?

Send your answers to: Q-Drive me crazy! CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

Leading Lap

Upgrade Offer

OK, so you've seen what the hottest polygon racing game on Amiga has to offer (CU Amiga Magazine April's cover disk). The five track version of Leading Lap you've just lost sleep playing is only a part of what the entire game has to offer. Upgrade now to the complete version of Leading Lap MPV and you can get your hands on:

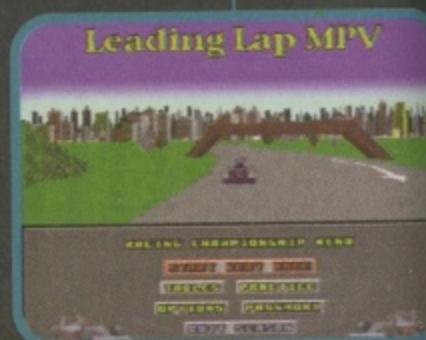
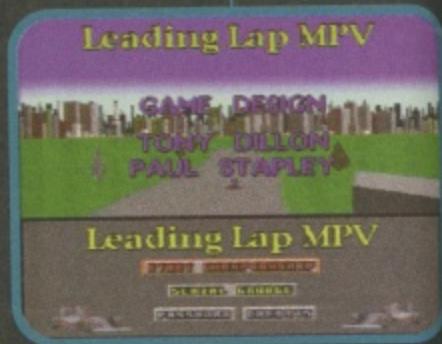
- 12 complete tracks
- Enhanced music and in-game effects
- The chance to drive through cities, country roads, prisons, industrial estates and more
- An entire library of game objects, to work with the TIGER track design (AGA only)

Remember, Leading Lap will not be available in any shops, and stocks are limited, so fill out the coupon below, and send it with your cheque or postal order to: CU Amiga Magazine Leading Lap offer, Reflex Interactive, 13 Hawley Crescent, London NW1 8NP. Please allow 28 days for delivery.

Offer 1 - AGA: For just £12.99 plus £1.95 P+P, get your hands on all 12 AGA tracks, plus the complete stunning soundtrack and in-game effects

PLUS: • Complete TIGER track editor • Conversion utility suite to import objects directly from Imagine 3.0 • The leading Lap object library

Offer 2 - ECS: Get the complete all Amigas version of the game, with all twelve tracks for just £4.99 plus £1.95 P+P. (Track editor not available for non AGA machines.)



Priority order form

Please rush me my Leading Lap upgrade pack (tick below)

AMIGA
MAGAZINE

Description	Quantity	Price
<input type="checkbox"/> A1200 A4000		£12.99 each
<input type="checkbox"/> A500, A500+, A600		£4.99 each
		Please add £1.95 for P+P
		Total £

Method of payment

Cheque (£ sterling) Made payable to Reflex Interactive

Postal order (£ sterling)

International Money Order

Name.....

Address.....

Postcode.....

Daytime telephone no.....

CU Amiga Leading Lap offer, Reflex Interactive, 13 Hawley Crescent, London NW1 8NP.

ScreenScene



Data disks seem to be the common theme in this month's games section. A cynic might suggest that perhaps games companies would be better off employing their talents developing new games rather than churning out more of the same for existing ones. In some respects this might be true. However, in the case of the disks

reviewed here they are welcome additions. Particularly the Xtreme Data disk. Guildhall have had the foresight to provide an editor as well as more tracks on this disk. This inclusion of an editor should ensure a much longer life for this superb racing game because once you've tired of racing around the provided tracks you can make your own. Hours of fun.

Pinball fans will be happy. 21st Century have served up a corker with Slamtilt Pinball. Who'd have thought they could manage to do it again and without the help of Digital Illusions? But they have and Slamtilt Pinball is one excellent game.

As ever there's something new for football management fans. Tracksuit Manager 2 has arrived but whether it matches up to the standards set by the best in its league is another matter entirely.

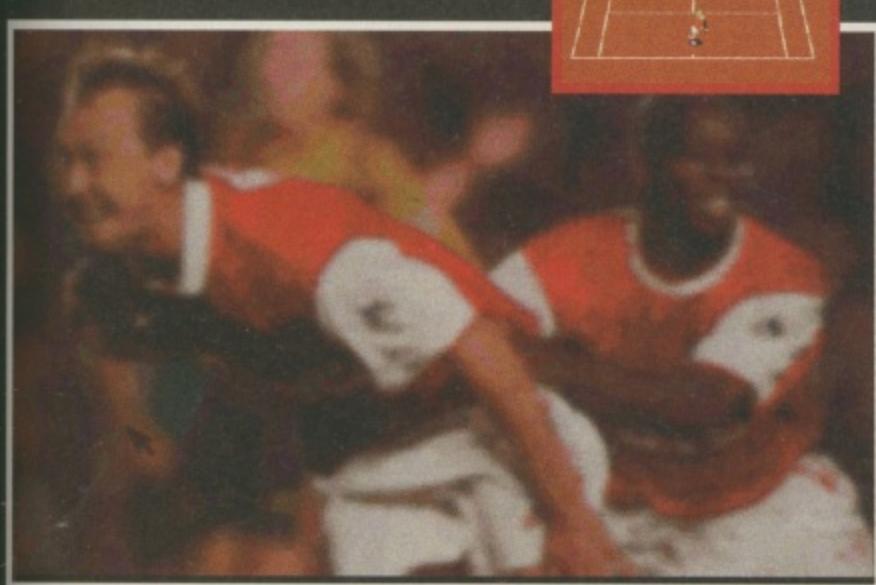
Things are looking up for Amiga games market. I kid you not. Despite the lack of abundance of new names in games section here, I can promise you that good things are on the way. Time Warner Interactive have released their new schedule and both Guildhall and Alternative Software are promising games by the bucketload. Also, a playable preview of long awaited Championship Manager 2 arrived just after deadline, so we should have a review or at the very least a preview of that next month.

Lisa Collins, deputy editor.

Super Tennis Champs p51



Tracksuit Manager 2 p46



Leading Lap Upgrade Offer 44

Slamtilt Pinball 44

Tracksuit Manager 2 48

Exile Save Game Disks 49

Super Tennis Champs 51

Data Disk

Xtreme Racing Data Disk 51

Win a portable TV 52

Tips & Guides

Vampyra 55

Snip Tips 57

Odyssey Tips 58

Sam



his game caused some confusion in the office for the first week or two of the schedule: someone had mistakenly put it down on the monthly plan as *Spamtilt*. Images of a potted meat hero running around vintage World War 2 platforms abounded while I was away in foreign climates on holidays wasting (according to my better half) Francs on a ten year old Indiana Jones pinball table. Things were cleared up fast on my return, but most of the mag were mystified. It's a Pinball game. So what? It's by Liquid Design. Who they?

Without going into the usual drivel about 21st Century and Pinball games let me first explain that

Slamtilt is absolutely marvellous. If you were disappointed by Pinball Mania please read on because this is one game that will warm your tapping fingers, if not wear them to the bone. I also broke the right Amiga key on my keyboard playing it (the second time I've done this with a game) but 21st Century would not accept responsibility: after all I didn't NEED to hit it like a possessed elephant trying to record a jungle beat.

Choices

The game consists of four tables, each occupying a single disk. Like its spiritual father, Pinball Illusions, it has a multiball function utilising a



tilt

■ Price: £29.99

■ Publisher: 21st Century 01235 851 852

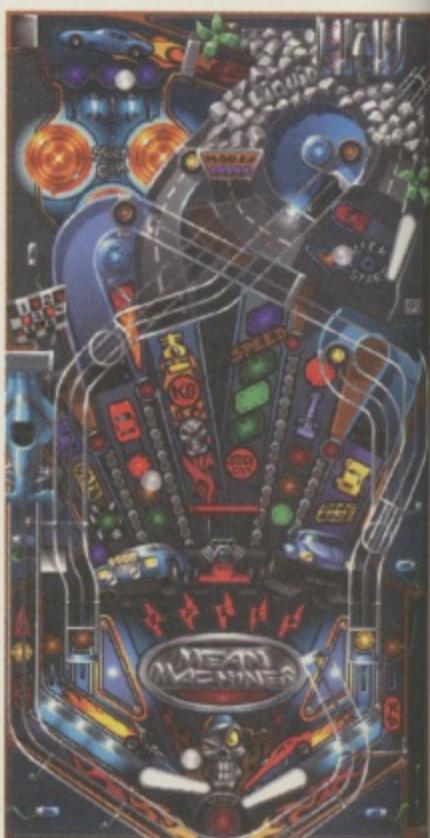
Addiction is one of those nasty side effects of playing computer games. Slamtilt should be medically investigated for its effect on people ...

high-res table that automatically and smoothly flicks on-screen when extra balls are activated. But there is less flicker and more clarity in the high-res versions of these tables than Illusions.

The tables are based around four themes. Mean Machines is all about car racing, with Rally, Off-Road, Formula 1 and other modes to get into and big bonuses to be won either by getting combos, hitting lit-up areas or timing shots on the graphic display at the top of the machine. Pirates is a sea faring table, with lots of shooting, treasure hunting and sailing to be done. Ace of Space is a futuristic table, which doesn't actually look all that futuristic, unlike say, Future mode from Pinball Prelude, but it's exciting enough with probably the largest amount of bonus games of any of the tables. The final table, nestling away on disk five, is Night of Demons. This is supposed to be scary, but the only scary thing on it was how low my score was. It's packed with horrible squidgy modes like Bat Butcher, Exterminate Vampires and Grave Digger.

My favourite ...

My favourite table is the Pirate one, mainly because I'm a sucker for old sea shanties, but also because there is a lot to do on it.





masterpiece developed SlamTilt for Amiga first and although other format versions are on the way it really shows off the A1200's capabilities – much more so than Mania, which was developed backwards and pretty much stayed backward. Add to this graphic wizardry some superb music and sound effects, with original tracks for each table, and all the music volume/FX volume adjustability that made Prelude so pleasurable to listen to and you're onto a winner.

The ultimate?

Up until now my favourite Amiga pinball game has been Illusions. It took all that was right in Dreams and Fantasies and gave it AGA polish, a beautiful hi-res multiball mode and cracking sound effects. Now SlamTilt has taken over like a new young pup in my affections. This is not just because Illusions is a year and a half old, it's because SlamTilt is just that little bit better in all areas: music, graphics, gameplay. Plus, there's the bonus of four tables – Illusions only had three for the same price, and was still superb value. OK, I'm not as impressed with the Spaceport table as I am with the Pirates or the Mean Machines one: but this is largely a matter of personal

preference, and none of them will really disappoint anyone. Although one advantage of Mania was that it can be hard disk installed

The word ultimate is overused and easily misunderstood. I could say this is the ultimate pinball game because it's just so damn entertaining and most of you would get my meaning. But my



knives at enemy ships while trying to avoid their cannon balls. It's arcade-style interludes like this that make SlamTilt really special.

AGA only

This is an AGA only game, and a gorgeous one at that. Liquid Design, the Swedish programming team responsible for this

English teacher would remind me that ultimate not only means biggest, best ever, wonderful – it also means last ever. And I would hate this to be the last pinball game from 21st Century or Liquid Design. They're just so good at it. ■

Alan Dykes



SLAMTILT

A500	operating system	3.0
A500+	number of disks	1
A600	RAM	2Mb
A1200	hard disk installable	no

A600	graphics	92%
A1200	sound	90%
A1500	lastability	92%
A2000	playability	89%

OVERALL
A superb pinball incarnation!

91%

A1200 / A4000 Multimedia Station

INNOVATIVE EIDE EXPANSION SYSTEM

A multimedia system incorporated into a stylish tower unit, with capabilities of housing four storage devices plus external floppy drives.

Enables the use of up to 4 IDE CDroms and Hard drives. PCMCIA slot is unaffected, still leaving further expansion ie: SCSI cards etc.

Specification

High quality steel case with 200W PSU & fan capable of powering all future expansion. Central main switch allowing the monitor and computer to be switched on simultaneously. CD32 compatibility with auto boot option. Also reads PC, Macintosh, CDTV, Kodak Photo CD formats and plays standard audio CD's.

Prices

Bare tower Unit with PSU £39.95

Cache CDFSII, Atapi & CD32 emulation software £49.95

Dual Device lead & software £79.95

Quad Device lead & software £99.95

Complete Multimedia Station

1Gb HDdrive with installed software, Dual speed CDrom, audio and tower connection leads. £399.95

as above with Quad speed CD Rom £449.95



Multimedia Accessories

CD Cleaning kit £2.99

CD Lens Cleaner £6.99

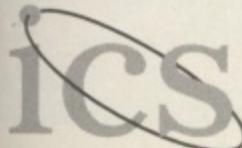
80W Multimedia Speakers £39.99

Amiga to SCART Lead £7.99

Amiga to VGA Lead £9.99

Complete Internet Solution £P.O.A

A1200/A4000 in a tower £P.O.A



Intrinsic Computer Systems

38 Kings Drive, Gravesend, Kent, DA12 5BJ

Tel: +44 01474 335294 / 357560

<http://www.eaglenet.co.uk/ics> barry@ics.eaglenet.co.uk

Postage and Packing £8.00 UK

Methods of payment accepted are:

Cheque Postal Order, Money Order.

Made payable to

Intrinsic Computer Systems

HiQ Limited

Serving the Amiga User since 1988



Why not try our Internet site at www.hiq.co.uk

Multimedia PowerStation options for all Amigas



Speakers not included

PowerStation Specifications

1. 200 Watt power supply for complete Systems including monitor on one power switch, (your Amiga power lead needed.)
2. Good looking high quality steel construction.
3. Five drive bays, Various mounting configurations.
4. Ideal monitor stand and cables slide underneath.
5. SONY 2.4 speed CD-Rom drive.
6. Siamese PC upgrade compatible.
7. Low cost when compared to single drive cases.
8. DOES NOT VOID WARRANTY.

Desktop PowerStation pack price.

Includes Sony 2.4 speed SCSI CD-Rom + Squirrel
NEW PRICE £279.95 Call for other options.
Ask for Surfing Squirrel version.

Siamese Tower Version



Speakers not included

The Greatest Drive Since the Model T Ford.

Panasonic PD DRIVE

Internal Drive Unit

NEW PRICE

£449.95 inc Vat

We use them, we know them!



Panasonic
Optical Storage

!!A1200 3.5" STAR DRIVE BUYS!!

JTS 540mb Only £159.95 ULTRA SLIM

JTS 840mb Only £199.95

JTS drives formatted, and Magic Workbench plus PD Software installed. Includes cable pack. Fits as easy as a 2.5" Drive, call for details.

Free fitting for personal callers.

UK Post & Packing £7 (CityLink)

SCSI Drives

Quantum 840mb Lightning.

£199.95



TEL 01525 211327

Call for brochure

FAX 01525 211328

HiQ Ltd, Gable End, 2 The Square, Hockliffe, Beds, LU7 9NB

EMail address:- steve@hiqltd.demon.co.uk

All prices include Vat, Please add 2.5% for Credit cards
unless Connect and Delta versions



EVERGLADE

TEL: 01463 240168

AMIGA DISCOUNT SOFTWARE

	A500	A1200	CD32	A500	A1200	CD32	ROBOCOP 3	A500	A1200	CD32
1ST SAMURAI	7.99			FIFA INTERNATIONAL SOCCER	19.99	19.99		10.99	10.99	
688 ATTACK SUB	10.99			FIGHTER BOMBER	8.99		RUGBY LEAGUE COACH	9.99		
A320 APPROACH TRAINER	26.99	26.99		FOOTBALL GLORY	10.99	10.99	SABRETEAM	20.99	24.99	
ACID ATTACK COMPILATION				GLOOM	12.99	12.99	SENSIBLE GOLF	14.99	14.99	
GUARDIAN, ROAD KILL, & SUPER SKIDMARKS				GLOOM DATA DISK	12.99		SENSIBLE WORLD OF SOCCER 95/96	17.99	17.99	
ADAMAS FAMILY	8.99			GLOOM DELUXE	19.99		SHADOLANDS	10.99		
ALIEN BREED II	19.99	20.99		GLOOM 2		18.99	SHAO FU	19.99	21.99	
ALIEN BREED SPECIAL EDITION	9.99	9.99		GRAHAM GOOCH 2ND INNINGS	4.99		SHUTTLE	12.95	12.95	
ALIEN BREED TOWER ASSAULT	16.99	16.99		GRAHAM GOOCH DATA DISK 94/95	4.99		SIM CITY 2000	11.99		
ALIEN BREED 3D	19.99			GUARDIAN	8.99	8.99	SIMON THE SORCEROR	20.99		
ALIEN BREED 3D II (030 required)	21.99	20.99		HARD NOVA	8.95	8.95	SIMPSONS	8.99	8.99	
ALL TERRAIN RACER	19.99	18.99		HOOK	8.95	8.95	SLEEPWALKER	8.99	8.99	
ARDYA	8.99			IMMORTAL	10.99		SPACE HULK	10.99	10.99	
ARABIAN NIGHTS	8.99	9.99		IMPACT	4.99		SPERIS LEGACY	19.99	19.99	
ARCADE POOL	19.99	19.99		INDIANAPOLIS 500	10.99		SPACE HULK	10.99	10.99	
ARCHER MACLEANS POOL	10.99	10.99		IMMY CONNORS	10.99		STAR CRUSADER	19.99		
BEHIND THE IRON GATE	16.99			IMMY WHITE WHIRLWIND SNOOKER	10.99		STAR CRUSADER	19.99		
BATTLE OF THE ASHES	4.99			JOHN MADDEN FOOTBALL	10.99		STRIKE FLEET	10.99	10.99	
BIRDS OF PREY	12.99			JUNGLE STRIKE	21.99		SUPER FROG	21.99	21.99	
BLACK CRYPT	10.99			JURASSIC PARK	10.99	10.99	SUPER SKIDMARKS	12.99	12.99	
BLITZ BASIC 2.1	25.99			KGB	12.99	12.99	SUPER SKIDMARKS DATA DISK	12.99	12.99	
BLITZ BOMBERS	19.99			KID CHAOS	19.99	19.99	SUPER LEAGUE MANAGER		8.99	
BODY BLOWS	10.99			KID PIX	10.99		SUPER STARDUST		21.99	
BODY BLOWS GALACTIC	21.99			KING PIN	10.99	12.99	SUPER TENNIS CHAMPIONS	12.99	12.99	
BREATHLESS	26.99			LOMBARD RAC RALLY	6.99		SUPREMACY	10.95		
BUBBLE & SQUEAK	9.99	9.99		LURE OF THE TEMPTRESS	12.99	12.99	SYNDICATE	12.99		
BUDOKAN	10.99			MAN UTD THE DOUBLE	19.99		TACTICAL MANAGER	10.99		
CAMPAIGN	9.95	9.95		MAN UNITED PLC		19.99	TEAM 17 COLLECTION VOL 1	19.99	19.99	
CANNON FODDER	12.99	12.99		MERCENARY	4.99		TERMINATOR 2	9.99	9.99	
CANNON FODDER II	17.99	17.99		MICROPROSE GRAND PRIX	10.99	10.99	TEMPTRESS		8.99	
CARDIAXX	8.99			MIG 29 SUPER FULCRUM	10.95	10.95	THE GAMES 'ESPAÑA'	10.99	10.99	
CHAMPIONSHIP MANAGER 2	19.99			NBA JAM TE	19.99		THEME PARK	22.99	22.99	
CITADEL	21.99			OBSESSION	21.95	24.95	TINY TROOPS		19.99	
COLONIZATION	22.99	22.99		ODYSSEY	12.99		TOTAL FOOTBALL	20.99	20.99	
COLLOSSUS CHESS X	4.99			PGA EUROPEAN TOUR GOLF	19.99	21.99	TRACKSUIT MANAGER 94/95	17.99		
CRAFT FOR AMOS	16.99	16.99		PGA TOUR GOLF	12.95		TREBLE CHAMPIONS 2	12.99		
CYBERCON 3	10.99			PINBALL PRELUDE	19.99	19.99	TURBO TRAX	14.99		
DELUXE PAINT V	59.99			POPULOUS: PROMISED LANDS	12.99	12.99	ULTIMATE BODY BLOWS		12.99	
DELUXE VIDEO III	66.99			POPULOUS II	12.99	12.99	VIRTUAL KARTING	13.99		
DEMONIAC	22.99	22.99		POWERMONGER WWI DATA DISK	12.99	12.99	WEMBLEY INTERNATIONAL SOCCER	12.99	12.99	
DESERT STRIKE	12.99	12.99		PREMIER MANAGER 3	10.99		WEMBLEY RUGBY LEAGUE	9.99		
DREADNAUGHT	16.99			PRO TENNIS TOUR	6.99		WORMS	18.99	18.99	
DUNE I	12.95			PROJECT X SPECIAL EDITION	10.95		WORMS DATA DISK	ET.B.A.	ET.B.A.	
DUNE 2 BATTLE FOR ARRIBIAS	12.95	12.95		PRIMAL RAGE		19.99	WORMS	18.99	19.99	
EPIC	12.95	12.95		PUSHOVER	8.99		WORMS	ET.B.A.	ET.B.A.	
EXILE	9.99	12.99		PUTTY SQUAD	21.99		XTRME RACING		19.99	
EXTREME RACING	19.99			QWAK	9.99					
F17 CHALLENGE	10.99			REACH FOR THE SKIES	12.99	12.99				
F29 RETALIATOR	10.95			REALMS	10.99	10.99				
FANTASY MANAGER 95/96	8.99	8.99		RISKY WOODS	10.99					
FEARS	12.99			ROADKILL	8.99	8.99				
	19.99									

68 TELFORD STREET
INVERNESS IV3 5LS

OPEN 9.00am - 5.30pm MONDAY - SATURDAY



COMPETITION PRO CD32 PAD 12.99
SX1 189.99

AMINET 8 12.95
AMINET 9 12.95
AMINET 10 12.95
AMINET 11 (PRE ORDER) 11.95

EDUTAINMENT
10/10 EARLY ESSENTIALS 9.99
10/10 JUNIOR ESSENTIALS 9.99
10/10 MATHS (NUMBERS) 9.99
10/10 MATHS (ALGEBRA) 9.99
10/10 MATHS (GEOMETRY) 9.99
10/10 MATHS (STATISTICS) 9.99
10/10 ESSENTIAL MATHS 9.99
10/10 ENGLISH 9.99
10/10 STRUCTURED SPELLING 9.99
10/10 FRENCH 9.99
10/10 GERMAN 9.99
10/10 ESSENTIAL SCIENCE 9.99
10/10 DINOSAURS 9.99
10/10 DRIVING TEST 9.99

SPECIAL OFFER
BUY ANY 3 10/10
PRODUCTS FOR £25.00

CDS - ALL £4.99
CENTREFOLD SQUARES MULTIPAYER SOCCER MANAGER
BOMBER BOB EUROPEAN SUPER LEAGUE
CRICKET CAPTAIN DAILY DOUBLE HORSE RACING
JIGSAW PUZZLE MANIA DELUXE STRIP POKER
FOOTBALL UNITED PRO AMERICAN FOOTBALL SIM
FOOTBALL DIRECTOR 2 RUGBY COACH
GENESIS INTERNATIONAL ARCADE ACTION
BRIDES OF DRACULA SURVISON
GEARWORKS BRAVO, ROMEO, DELTA

SPECIAL OFFER

3 FOR £9

AMIGA ACCESSORIES
Mock-E-Mouse / Cybershot Twin Pack £14.75
Mock-E-Mouse gives joystick control to all mouse functions, Cybershot converts any standard Amiga joystick into a 'Deadly' Autofire Stick.

DUST COVERS
A1200 £3.95 CD32 £3.95

JOYSTICKS
Jupiter Stick £7.99
Hyper pad £9.99

MICE
Alpha Data 400d.p. mouse £9.99
Amiga/ST switchable mouse £12.95

DISK DRIVES
Power Computing 1.76 MB High Density drive £5.99
DISKS
DOUBLE DENSITY : 10 FOR £2.25,
50 FOR £10.00, 100 FOR 20.00

ITEMS SUBJECT TO AVAILABILITY. PRICES SUBJECT TO CHANGE WITHOUT NOTICE. P&P is FREE.
Europe add £2 per title. Rest of World add £3.50 per title.

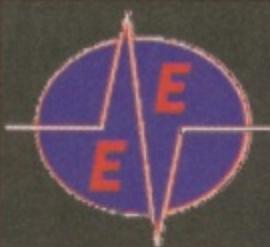


TDK DISKS AT BULK PRICES

GREY-TRONICS LTD

LOWEST PRICES

BEST SERVICE



RAPID DELIVERY

SALES FREE CALL 0500 737 800
OTHER ENQUIRIES 0181 686 9973 / 0181 781 1551

3.5" DISKS

TDK disks
at bulk
prices

100% CERTIFIED ERROR FREE DISKS & LOCKABLE BOXES

TDK DS/DD DS/HD

50 3.5" Disks	£16.99	£18.99	+ 100 cap lockable box.....Add £4.00
100 3.5" Disks	£28.99	£28.99	+ 100 cap lockable box.....Add £4.00
150 3.5" Disks	£39.99	£41.99	+ 2 x 100 lockable box.....Add £8.00
200 3.5" Disks	£51.99	£51.99	+ 2 x 100 lockable box.....Add £8.00
300 3.5" Disks	£74.99	£76.99	+ 3 x 100 lockable box.....Add £12.00
400 3.5" Disks	£99.99	£101.99	+ 4 x 100 lockable box.....Add £16.00
500 3.5" Disks	£123.99	£126.99	+ 5 x 100 lockable box.....Add £17.50
1000 3.5" Disks	£234.99	£234.99	+ 10 x 100 lockable box.....Add £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

MAGIC PACK INCLUDES

- Amiga A1200 Computer - 2Mb RAM
- 3.5" Floppy Disk Drive Built-in
- Wordsworth v4 SE - Word Processor
- Digital Datastore v1.1 - Database
- Digital Organiser v1.1 - Personal Organiser

STANDARD PACK
2Mb - NO HD

£369.99 Inc. VAT

170Mb HARD DRIVE
PACK

£469.99 Inc. VAT



Optional Extra... CHAOS SOFTWARE PACK

Includes 4 EXCELLENT Titles:
 CHAOS ENGINE - AGA £25.99
 SYNDICATE £24.99
 PINBALL FANTASIES - AGA £29.99
 NICK FALDO'S GOLF - AGA £34.99
 ONLY £12
 When Purchased with A1200
 CHAOS PACK
 As long as stocks last (Combined original RRP) £125.96

STARTER PACK: Top quality Joystick, A1200 dust cover, Deluxe mouse mat, disk head cleaner, 10 TDK disks ONLY £15.00

NEW A1200 SURFER PACK
Inc. 260Mb Hard Drive + 14400 Ext. Modem Comes with Magic Pack software but pre-installed on HD.

SHOULD BE BACKED BY USER AS NO ORIGINALS ARE SUPPLIED

£545

RAM UPGRADES & ACCELERATORS

A1200 2Mb RAM	£109.99
A1200 4Mb RAM	£142.99
A1200 8Mb RAM	£242.99
33 MHz PLCC FPU	£42.00

APOLLO A1200 ACCELERATOR

Apollo 1220 28MHz 68020 6882	£99.99
Magnum 030/40/OFFPU 0Mb	£139.99
Magnum 030/40/OFFPU 4Mb	£219.99
Magnum 030/40/OFFPU 8Mb	£309.99

A500/500+/600 UPGRADES (inc clock)

A500 up to 1Mb (512k)	£24.99
A500+ up to 2Mb (1Mb)	£28.99
A600 up to 2Mb (1Mb)	£39.99

AMIGA 4000 TOWER

A4000T 040 25Mhz	£2099
A4000T 060 50Mhz	£2359

SPECIFICATIONS: A4000 Tower, 6Mb Memory, 1.7Mb Floppy Drive, 1.2 Gig SCSI Drive, Scala 300 Preinstalled

ACCESSORIES

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga (Parallel/Null modem)	£10.99
Modulator overhang lead 23M/23F	£11.99
Joystick Splitters	£5.99
Automatic Mouse/Joystick Cable	£13.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

DUST COVERS

Amiga 1200/500/500P/600	£4.00
Commodore/Philips Monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

ACCESSORIES

Amiga Disk Drives Free Direct Opus 4.12	£42.99
Amiga Mouse (Top Quality)	£11.50
Internal Drives A500/A500+/A600/A1200	£34.00
TV Modulator (2 yrs warranty)	£34.00
Deluxe Mouse Mat	£1.99
1000 Labels	£8.99
3.5" Disk Head Cleaner	£1.99
Python 1M Joystick	£8.75

ADD £2 FOR DELIVERY

HARD DRIVES

EXTERNAL OVERDRIVE HARD DISK	Provides games and data portability to A600/A1200
External casing	£68.00 560Mb £234.99
INTERNAL 2.5" + CABLE + SOFTWARE	
80Mb 2.5"	£69.99 250Mb £127.99
120Mb 2.5"	£88.00 340Mb £174.00
170Mb 2.5"	£124.99 510Mb £249.00

CD-ROM DRIVES	
Overdrive Double Speed CD	£174.99
Overdrive Quad Speed CD	£234.99
Amiga CD32 + 7 games + kit to connect to A1200	£205.00

GENLOCKS

FUSION VIDEO GENLOCK

It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) & the semi professional user (wedding videos, corporate presentations..)

FREE Scala HJ100 (enables you to add special effects and overlay text onto your video.)

INKJET CARTRIDGES AND REFILLS

HP Deskjet Black Dual Capacity Cartridge	£22.99
HP Deskjet Black Refill	£7.99
HP Deskjet 500 C/560 C Colour Cartridges	£25.99
HP Deskjet 500 C/560 C Colour Refill	£16.99
Canon BJ 10/200 Black ink Cartridges	£16.99
Canon BJ 10/200 Black ink Refill	£9.99
Citizen Project IIC Colour	£34.00
Citizen Project IIC Mono	£20.50

TOP QUALITY RIBBONS

BLACK	
Amstrad DMP 2000/3000	£3.00
Amstrad DMP 4000	£3.66
Amstrad POW/8256/8512/4Q35000	£3.00
Amstrad 9512	£3.50
Gilze 120D/LSP10/5w/24/9	£2.85
Epson LQ100	£4.10
Epson LQ80/86/90	£2.50
Epson LQ400/500/800/850	£3.45
Epson FX/MX/R280/1280	£3.45
NEC Pin Writer P2200	£3.50
Sellosafe SSP1200/1600/2000	£4.00
Panasonic KOP1123/1124/1180	£3.30
Panasonic 2135	£8.25
Panasonic KOP2123/2180	£4.00
Star LC10/20/100	£2.99
Star LC200	£3.50
Star LC410/24200	£3.00

ADD £2 P&P

PANASONIC 2135 24 PIN COLOUR

PANASONIC 2135 inc sheet feeder	£164.99
Citizen ABC colour	£144.99

Add £15 for black ribbon (Dot Matrix only), dust cover, printer stand, 500 A4 paper when purchased with printer.

INK JET - DESKTOP & PORTABLE

Hewlett Packard 600 colour ink jet	£235.00
Hewlett Packard 660 colour ink jet	£235.00
Hewlett Packard 850 colour ink jet	£414.99
Canon BJ30 mono inc. sheet feed	£184.99
Canon BJC70 colour ink jet	£245.99
Canon BJC210 colour ink jet	£226.99
Canon BJC4100 colour ink jet	£289.99
Canon BJ610E colour ink jet	£412.99
Citizen Project IIC colour	£249.99
Citizen Printiva 600 colour NEW	£389.99
Epson stylus colour II	£234.99

MONITORS

Amiga M14385	£287.99
Microvitec 1438+speakers	£274.99
Samsung 14" only D Pal mode	£219.00
Hitachi or Panasonic Monitor/TV	£174.99

DATEL**01782 744707**

24hr Mail Order Hotline

DIRECT

buying direct from the manufacturer means both low prices and a service second to none!

Access

VISA

SWITCH



FAX 01782 744291

PROFESSIONAL MIDI KEYBOARD & INTERFACE DEAL!

Full size velocity sensitive Midi keyboard
PLUS Midi Master professional
Midi interface. Total Package!!

**MIDI MASTER PROFESSIONAL
MIDI INTERFACE****NEW
LOW
PRICE****FULL
FEATURE
MIDI
INTERFACE**MIDI MASTER AVAILABLE
SEPARATELY

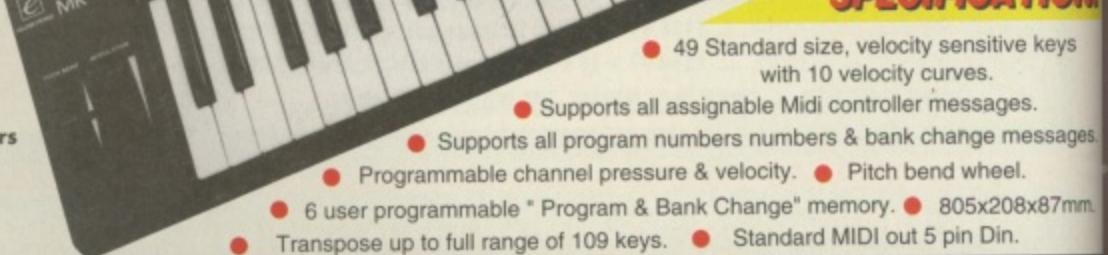
£19.99 with 2 FREE midi cables

- ▲ Full specification
Midi In, Midi Thru and Three Midi out
sockets.
- ▲ Stylish case to
match Amiga colours
- ▲ Fully Opto Isolated.
- ▲ Compatible with ALL leading
music packages.

ONLY £99.99

KEYBOARD+ MIDIMASTER + FREE MIDI CABLES

MK-149

**FULL MIDI
SPECIFICATION:**

- 49 Standard size, velocity sensitive keys with 10 velocity curves.
- Supports all assignable Midi controller messages.
- Supports all program numbers numbers & bank change messages.
- Programmable channel pressure & velocity. ● Pitch bend wheel.
- 6 user programmable "Program & Bank Change" memory. ● 805x208x87mm.
- Transpose up to full range of 109 keys. ● Standard MIDI out 5 pin Din.



DIGITIZING TABLET
NOW ONLY £99.99
AS AN ALTERNATIVE TO THE STYLUS INPUT THE GENIUS TABLET ALSO HAS OPTIONAL FOUR BUTTON PUCK.
GENIUS PUCK £29.99 For Digitizing Tablet

With the Amiga Genitzer Graphic Tablet you can streamline the operation of most graphic or CAD programs. The Genitzer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus. Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control. Works by "mouse emulation" so the Genitzer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc. Supplied with template for Deluxe Paint... This is the input method used on professional systems.

Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.

The Genitzer fits in the serial port of your Amiga 500/500+/600/1200/1500/2000 and "co-exists" with mouse.

Unlike a mouse, the tablet gives absolute co-ordinates so that tracking and menu selections are possible from the tablet face.

FREE PC INSTALLATION PACK
IF YOU BUY A GENIUS TABLET SYSTEM FOR YOUR AMIGA YOU WILL ALSO RECEIVE SOFTWARE AND MANUALS FOR INSTALLATION ON A PC ABSOLUTELY FREE!

**MAGNETIC CARD READER**

Explore the data hidden on Credit Cards, Debit Cards, Security & Membership Cards etc.

Simply swipe your card and read the contents
Reads tracks 1,2 and 3
Plugs into your Amiga Joystick Port.

MAGNETIC CARD READER**£59.99** Complete system**HIGH RES HANDY SCANNER****FREE
PHOTON
PAINT****Genius**

An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000.. Includes hard disk transfer to run under Workbench. Adjustable switches for brightness/contrast levels. Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode.. Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features. Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc. View window and position control panel. Powerful partner for DTP that allows for cut & paste editing of images etc.

HANDY SCANNER
NOW ONLY £79.99 With FREE PHOTON PAINT

**GOLIATH
POWER SUPPLY**

3 times the power of a standard power supply

£44.99**GOLIATH****GOLIATH HAS THE POWER**

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large harddrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Goliath packs more

- ▲ Fan cooled.
- ▲ Heavy duty case.
- ▲ Switch mode electronic system.
- ▲ Full 200 watt output.
- ▲ On/Off switch.
- ▲ 13 Amp uk approved mains lead.
- ▲ Direct plug-in replacement.
- ▲ Also available for cd 32.

AMAZING 200 WATTS OUTPUT!**THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS**

SYNCRO EXPRESS is a sophisticated hardware and software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. This way SYNCRO EXPRESS delivers power to backup programs, when other backup systems fail.

- ▲ The most powerful disk backup system ever conceived.
- ▲ Very simple to use requires no user interface.
- ▲ Powerful "SYNCRO MODE" actually synchronises your drives to achieve even greater backup power!
- ▲ Menu driven selection of start/end

It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof.

**SYNCRO EXPRESS**
£34.99 For A500/600/1200**NOW
VERSION
5.0**



Designed and Manufactured by DATEL ELECTRONICS

FOR THE AMIGA
A1200 SPECIAL FX SYSTEM

NOW PLAY YOUR FAVOURITE GAMES TO DESTRUCTION!

ACTION REPLAY GIVES YOU THE POWER TO FREEZE ANY PROGRAM AND TAKE TOTAL CONTROL!

NEW Save the entire program in memory to disk or even hard disk. The saved program will reload and run from the point where it was frozen. Perfect to transfer disk games to hard drive to load in seconds!! *

NEW Game trainer feature gives you the power to find cheats within any game. Infinite LIVES, ENERGY, LEVELS etc. Ultimate GAME BUSTING POWER,

Screen Grabber option lets you freeze and save screen to disk. Pictures saved in IFF format suitable for all leading graphics packages.

NEW Powerful monitor functions give you all the tools to freeze and hack the program in memory. Full 68020 assembler/disassembler. Breakpoint & trace- single step commands Remember that ACTION REPLAY lets you view the program in it's frozen state- no other toolkit can offer this feature.

NEW Powerful hardware features custom logic and on-board scratch ram so NO AMIGA MEMORY IS USED.

Works with up to 8 megs of Amiga RAM!

HARD DISK SUPPORT

Very simple to install.. Just plug into A1200 trapdoor.

A1200 ACTION REPLAY
£59.99 Amiga 1200

Very simple to use - Just press the freeze button to take total control of the frozen program in memory.

TRANSFER YOUR DISK PROGRAMS TO HARD DRIVE!

*Works with most games.

01782 744707
24hr Mail Order Hotline

HARD DISK SUPPORT

DATEL DIRECT

Here at Datei we have been designing exciting computer peripherals for over 10 years.



By dealing direct with the manufacturer you can be sure we offer the latest products at the keenest prices.

Our sales and technical staff will be pleased to advise you and we will deliver your order to your door within days. Why not give us a try.

AMPLIFIED STEREO SPEAKERS

YOUR AMIGA HI-FI STEREO SOUND. WHY PLAY THIS THROUGH A SMALL TV SPEAKER WHEN YOU CAN HAVE FANTASTIC HEAD-BANGINGLY GLORIOUS ARCADE STEREO?



8 BIT SOUND SAMPLER

FULL 8 BIT SAMPLING AT A NEW LOW PRICE



Full 8 Bit Sound Sampling System. For A500/1500/2000/1500. Fits into Printer Port. Complete Hardware/Software package including Sound Sampler

8 BIT SOUNDSAMPLER
£19.99 Amiga 500/ 500PLUS Amiga 1500/2000

COMPETITION PRO CD 32 JOYPAD



CD 32 JOYPAD
£16.99

- ▲ TURBO FIRE
- ▲ SLOW MO & AUTOFIRE
- ▲ 8 WAY SUPERSWITCH.

AMIGA HYPERPAD



2 BUTTONS EACH WITH SPEED CONTROL
PERFECT FOR REAL ARCADE STYLE GAMES
AUTOFIRE SPEED SELECT

AMIGA HYPERPAD
£12.99

INTERNAL MIDI CARD

FULL FEATURE MIDI INTERFACE



INTERNAL MIDI CARD FOR A2000 & 1500 Full feature Midi Interface - Midi In, Midi Thru and Three Midi outsockets Opto Isolated.

INTERNAL MIDI CARD
£19.99 Amiga 2000 & 1500

REPLACEMENT DISK DRIVE



REPLACEMENT DISK DRIVE
£49.99 Direct Plug-in Replacement

3.5" INTERNAL FLOPPY DRIVE



INTERNAL DRIVE
Amiga 500/ 500PLUS £39.99 Amiga 600/ 1200 £49.99

AMIGA VIDEO INTERFACE

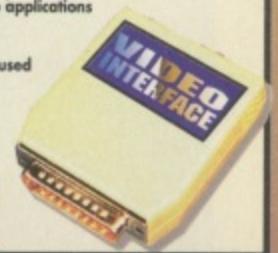
This Amiga video interface allows you to output S-VIDEO or COMPOSITE PAL from your Amiga.

▲ Connects to Amiga monitor port. Thru connector allows standard Monitor to be connected simultaneously

▲ Separate output gives S-VIDEO or COMPOSITE PAL output (please state which required)

▲ Ideal for many video applications including titles etc.

▲ Allows Amiga to be used with any SCART TV if you don't have an Amiga monitor



ACTION LINE BBS

ACTION LINE is the biggest and best BBS yet! Over 10 GIGS of data. Loads of game cheats, PD shareware, images, chat, adverts, Large AMIGA only section - Plus much, much more!

All speeds to v32 FAST.

INSTANT DOWNLOAD NUMBER
0891 516353

No subscription- Just pay for the call*



Lines

0291 calls cost 28p/min cheap rate, 48p at all other times

DEALER ORDERS WELCOME

CALL
01782 744707
and we will ship your order same day*

COMPUTER WELFARE



01782 744707
24hr Mail Order Hotline

FAX 01782 744292

* stock items
* except where inclusive

DATEL DIRECT

GOVAN ROAD,
FENTON INDUSTRIAL ESTATE,
FENTON, STOKE-ON-TRENT,
ST4 2RS, ENGLAND

01782 744707



Tracksuit Manager 2

■ Price: £25.99 ■ Publisher: Alternative Software (0977 797777)

The long awaited sequel to Tracksuit Manager is here. An own goal or a hat trick? Let's see ...



K ladies and gentlemen, I'm going to approach this in a logical way by taking you with me on a real-time experience. Pack your bags, we're off to review Tracksuit Manager 2.

The original Tracksuit Manager game appeared way back in 1989, boasting a revolutionary 'match

experience' where authentic commentary was used to represent the action rather than traditional text readouts, and though systems such as this have been revolutionised in recent years by games such as the Premier Manager series and On The Ball, Alternative Software are back, confidently touting the same system with

a few new juicy tweaks and twiddles. Anyway, back to our chronological journey... first on the agenda is picking up the box itself.

Don't quote me

As you may be aware, it's traditional that game boxes are covered with quotes and claims generally attributed to one of the various magazines that will have reviewed the game prior to its release (ie "Best thing we've ever seen!" CU Amiga Magazine).

However, considering this is the first time I've seen the game and it's already packaged, that little idea would seem to have flown out the window.

But wait, what's this? The box is still covered in gushing comments. Let's have a little read shall we... "The most comprehensive club management simulation yet devised" states one. "This will

delight football fans everywhere" and "Tracksuit Manager will put you into the heart of the action" are further acclaims, while the bold legend "Football IS Tracksuit Manager 2" even goes as far as to feature red text for the "IS". Of course this would all be very impressive if it wasn't for the fact that these comments don't appear to have an owner.

This leaves one wondering if the programmers themselves or perhaps Alternative Software's managing director's mum were paid to say whatever the producers thought might sell the game. According to the box, the game "Plays like a dream fast and smooth yet fully detailed" which is fine, but according to who exactly? And finally (before I stop ranting and get on to actually loading the damn thing) let us enjoy probably the most entertaining of all the quotes, and that's "This is probably the best football management game ever!" Yes, well they would say that wouldn't they.

You see the thing is, I'm writing this in retrospect and happen to know that it isn't the best football management game ever. In fact, it's about as average as things get, without earning a complete slagging. Certainly it's more up to



▲ Your typical manager's office compete with cup o tea, phone, football, wallcharts, diary and player's lists. From here you can sit back, relax and start making some footballing decisions.



▲ Ooh a bit of politics thrown in there ladies and gentlemen. Or is it commentary?



date than most footy management games around at the moment, but then again, that's because it's the most recent game available.

Yeah yeah yeah. So Asprilla, Juninho and Bergkamp are all in their correct teams, but let's be honest, I'd rather play a decent game that's out of date than the opposite.

It's all there

Still, let's not be negative alone, as the game does have redeeming features – it's just that things don't start too well. Apart from taking a fair while to load, you're

then faced with a lengthy set-up period that, while reckoned at about eight minutes in the instructions, is actually more like twelve. Once into the swing of things, all of the options you've come to know and love are there, so get stuck in on the transfer market, check the medical condition of your team as the season progresses, and see how far you can get in the various club challenges and cup tournaments. The presentation throughout is OK if a bit bland, and though there are a fair few photographic backgrounds, it's nowhere near as attractive as,

LEAGUE FA PREMIER FIXTURES	
BOLTON WEN	W
BRENTFORD	W
BRIGHTON	W
BURNLEY	W
LEEDS UTD	W
LEIPZIG	W
MAN CITY	W
MAN UTD	W
MIDDLESBROUGH	W
NEWCASTLE	W
NOTTINGHAM	W
REEDS	W
SWANSEA	W
WEST HAM UTD	W
WIGAN	W
WOLVES	W
WREXHAM	W
YOKOHAMA	W

▲ Here's our match fixtures as we take our team soaring to the top of the league.

say, Premier Manager 3.

Setting the formations and playing styles is easy enough, and all of the tables, graphics and player statistics are easily accessed and a doddle to manipulate. The games themselves, however, are a bit pap.

Two static digitised commentators sit while speech bubbles come out of their mouths as the machine desperately tries to put together some sort of coherent coverage of the game. The only problem with this is that, after about fifteen minutes of a match you've already encountered all of the computer's vocabulary, so not only is the commentary repetitive, but it hardly gets the pulse racing.

Now I realise that I've had very little positive to say about

Tracksuit Manager 2, but I'm also experienced enough to know that quite often, fans of this genre aren't so worried about aesthetics and presentation as they are the finer details. The game DOES have all of the features expected, and DOES do the job. All I can say in closing is that, apart from having a beautifully up to date team database, I've seen many other management games do a much better job. With Premier Manager Deluxe and the Euro version of Sensi threatening, I'd be hard pushed to recommend this to you. Sorry. ■

Matt Broughton

Tracksuit Manager 2

A500	■ workbench version.....1.3
A500+	■ number of disks3
A600	■ RAM1Mb
A1200	■ hard disk installableyes
A600	graphics.....40%
A1200	sound25%
A1500	lastability.....60%
A2000	playability.....50%
A3000	OVERALL A very average management offering.
A4000	58%

Exile

■ Price: £7.99 ■ Publisher: Audiogenic (0181 424 2244

In the past, computer magazines have oft' been accused of 'spoiling things' and 'giving the game away' by printing hints, cheats and solutions to games. The general argument suggests that a player with a solution book on his shelf won't spend as much time trying to work things out legitimately as he would if there wasn't the option to run screaming to the relevant page.

The counter-argument to this

is that there's nothing worse than getting stuck in a game you're really enjoying – especially when you know that you're only about half way through the game. If you've just spent twenty quid, well, you've only got ten pounds-worth haven't you!

Now, having a solution is one thing, but what if the game is just too damn hard to play through? Simple – Passwords. But then again, what if there isn't a password system? Easy, just release a



▲ Oww – watch that rock otherwise you might get flame grilled. How would like to done sir? Medium or well done.

disk with twelve saved games; each one at a different stage of the game, thus allowing the player to start from the position nearest their own personal problem. And that's exactly what Audiogenic have done for the excellent-but-often-tricky Exile.

If you don't remember Exile from its previous release (about a year ago) it's actually a remake of an older game, but sharing the same excellent playability. It's a straight forward arcade/adventure game, with lots of flying about hunting for specific objects and



▲ Look behind you, look behind you an extra from the Day of Triffids is chasing you. Aggh.



▲ Confucius or someone said: "to cross river, travel on heavy rock" and by jove he was right.



Radioactive rock – it hurts

lots of fighting weird aliens and baddies. It was, however, pretty tricky in places, so this saved game disk (both in A500 versions and A1200) is a welcome addition.

It's hard to mark this offering as it really depends on how stuck you are in the game (if you even have it) but I think it's an excellent idea and one to be encouraged at this low price. If you've got a copy of Exile and found it hard to get to grips with then this is for you. ■

Matt Broughton

82%



20% OFF

PRICE MATCH

1 BRYANT AVENUE, SOUTHEND-ON-SEA, ESSEX, SS1 2YD
TEL +44 (01702) 466933 - FAX 617123

AMIGA UTILITIES 2

CODE: CD201
PRICE: £19.99+.75p
STATUS: Feb 96

Double Disc Set
An entire Library of utilities in all categories for the Amiga.

Is our complete classic Amiga Various disk collection. This is the 2nd volume to be released on CDROM. (Previously on 1,500 floppy disks only in DMS format only).

You'll be sorted with Amiga Utilities 2? You'll get software from all aspects of the Amiga Technical section, Artwork in Black & White and Colour, all 2,000 of our Now Various floppy disk library.

Utilities on the disc

* Anti Virus
* WB2.0
* Clocks
* Calendars
* Copy and Delete
* On View
* File Readers
* File Changer's
* Comparisons
* Disk copies
* Keyboarding
* Mouse Utils
* Enhancements
* Editors
* Menu systems
* Security
* Workbench 3.0

* Archivers
* Cataloguing Utilities
* Desktop calculators
* Telephone utils
* Directory
* Disk utils
* File Viewers
* Help
* File Copies
* Hard Drive utils
* Educational
* System
* Emulator's
* 4DOS Utils
* CAD Systems
* Video Utils
* Magic Workbench



- Astrology
- Magazines
- Communications
- Business
- Emulator's
- Books
- Printing
- Game Cheats
- Stereograms
- Desktop Publishing
- Gambling
- Genealogy
- Video
- and a hole lot more!

New Double disc version

An excellent menu system which can view and unpack all the lha files from the CDROM to your hard drive.

* New 'Search' Functions
To search for all the Workbench titles just click on the search button and text workbench and all the disks will be displayed.

* New Workbench environment
Excellent ready-to-run Amiga Workbench has been provided on the disc for easy use.

* Over 550 New Disks
550 new disks since Utilities 1-1500 was released.

Enhance your Amiga with powerful applications carefully sorted through-out our many years.

Our menu system will help install any of the utilities to any device/drive on your system. Will uninstalls any file.

Supports All Amiga computers 1.2 to 4.0 (MIN) A500, CD Drive, 1Mb of memory, (REQ) A1200 for all utilities to work.

HOTTEST 6

CODE: CD200
PRICE: £14.99+.75p
STATUS: Feb 96

More than 650Mb of brand new software featuring over 750 new floppy disks.



The latest Public Domain and shareware software from March 1995 to February 1996.

What's New on HOTTEST 6

- Sounds
- Modems
- Clip Art
- Forts
- Business
- Music
- Utilities
- Comms
- Killers
- Video
- Fractals
- Printers
- Printing
- Sound
- Animation
- Prediction
- CDROM
- Instruments
- Pictures
- Educational
- Paint
- Graphics
- Hard Drive
- Workbench
- Viruses
- Emulator's
- Hobbies
- Prog
- Databases
- Game
- Business
- Home
- Hard Drive
- MED
- Mody Dick
- Tarzan
- Huckleberry Finn
- The Wizard of Oz
- The Jungle Book
- The Heart of Darkness
- The Book of Mormon
- The King James Bible
- Robert Louis Stevens
- Edgar Rice Burroughs
- George Eliot
- Mary Wollstonecraft
- Wharton
- Mark Twain
- Jane Austin
- Upton Sinclair
- Thomas Hardy
- Thomas Paine

- Octarmad
- Amros
- W/B
- Objects
- Modem
- 3D
- Cad
- Design
- Cheats
- Demo Mak
- Degraders
- Virus Killers
- Art Related
- Compress
- Hendry James

Business Selection

Contains all the best software to help any small business or anybody that wants to print.

New Library disks

- Games
- Pictures
- Music
- Demos
- Animals
- Sampled
- Slide Shows
- Mega Demo
- Magazines
- Collections
- Rave Demo
- Soundscapes

100 New Fred Fish

Fish disks 1001 to 1100.

Electronic Texts (Read)

- Alice in Wonderland
- Mody Dick
- Tarzan
- Huckleberry Finn
- The Wizard of Oz
- The Jungle Book
- The Heart of Darkness
- The Book of Mormon
- The King James Bible
- Robert Louis Stevens
- Edgar Rice Burroughs
- George Eliot
- Mary Wollstonecraft
- Wharton
- Mark Twain
- Jane Austin
- Upton Sinclair
- Thomas Hardy
- Thomas Paine

- Slide Shows
- Mega Demo
- Magazines
- Collections
- Rave Demo
- Soundscapes
- Design
- Cheats
- Demo Mak
- Degraders
- Virus Killers
- Art Related
- Compress

3D OBJECTS

CODE: CD232
PRICE: £9.99+.75p
STATUS: Feb 96

A comprehensive Library of 3d objects for Imagine & Lightwave to enhance any graphic artists



All the objects you need assembled together on one convenient CD. The 3d objects CDROM is the ideal collection of 3d graphical objects for both the most popular 3d graphical platforms. This disk has over 600Mb of pure objects in both Imagine and Lightwave formats.

This entire collection costs less than just one commercial game.

This entire collection costs less than just one commercial game.

Many of those programs just aren't in normal stores or PD Libraries. When you're not working with your computer the Leisure, Home and Hobby programs will keep everybody entertained for months. Your most valuable resources are time and money - you save both with the CD.

* Imagine users get 3d objects in the following categories:-

- ANATOMY
- ANIMALS
- AUTHORS
- AVIATION
- BATHROOM
- BOTANY
- BUILDING
- CLOCKS
- COMPUTERS
- D&D
- DR WHO
- EFFECTS
- FOOD
- FLYING
- FRUIT
- FURNITURE
- GENERAL
- HOUSEHOLD
- EFFECTS
- ENVIRONMENT
- HUMAN
- INSTRUMENT

FONTS
HOLIDAYS
HOUSEHOLD
MUSIC
ORGANIC
ROBOTS
SHIPS
SPACE
SPORTS
STARTREK
TECHNLGY
TOOLS
TOYS
TRANSPORT
WEAPONS

7.6Mb
3.1Mb
7.5Mb
8.5Mb
3.6Mb
20Mb
5.2Mb
11Mb
58Mb
2.6Mb
8.2Mb
9.2Mb
7.6Mb
3.7Mb
15Mb
3.3Mb

KITCHEN
LAMPS
LAND
LOGOS
MISC
MORPH
MUSIC
NOVELTY
ORGANIC
PHONES
ROBOTS
SCENES & SCI-FI
SHIPS
SPACE SHIP
SPORTS
STAR TREK
TECHNLGY
TOOLS
TOYS
TYPE FACE
VEHICLES
VIDEO
VISTA
WEAPONS

1Mb
2Mb
1.7Mb
1.2Mb
16Mb
5Mb
1.5Mb
3Mb
2Mb
2Mb
3.4Mb
4Mb
42Mb
11Mb
1.9Mb
10Mb
2Mb
1Mb
3Mb
25Mb
1.3Mb
4Mb
2.5Mb

Enhance your objects collection with just one disc

Largest selection of Objects for Imagine and Lightwave users.

* Professional - Also included are collections of objects from some of the best 3d Graphical artists around.

Now in DXF format

THE COLOUR LIBRARY

CODE: CD182
PRICE: £9.99



The image you see right now.
Over 1,700 photos!

THE AGA EXPERIENCE

CODE: CD210
PRICE: £18.99



The Best Selection of AGA Software anywhere - The AGA Experience

NFA - Famous for their 'Word' diskmag, and Bodyshop slideshows amongst others, are very proud to present their first Amiga CD-ROM disc - This is the first CD dedicated to AGA owners.

EXCLUSIVE NFA - These quality titles were created by leading Amiga group NFA specifically for this CD. These titles are all AGA.

READY-TO-RUN - Most of the contents run straight from the CD. There is no need to spend ages extracting disks. Well over 300meg of ready-to-run hot utilities, disk mags, text files, demos, games and much more.

MAGIC WORKBENCH - Colour scheme and icons. We have spent months making this CD the very smartest looking CD available today.

LATEST AGA - Mega-demos. If you like being impressed by your Amiga, you'll find a great selection of demos. There are many which are so new, that you won't have even heard of them.

C64 SENSATIONS

CODE: CD181
PRICE: £17.99+.75p

Remember the good Days - Contains all the Software that we have collected during our great times on the C64. Dating from 1984 up to the present day.

Surprising as it may seem to a lot of people there is still a lively C64 scene today. Although very different from a few years ago there are still a lot of people still heavily into the 64. And the rest of you, like us, have a lot of great memories.

That is one of the reasons why we compiled this CD. So anytime we want to reminisce the old days you can just pull out the CD.

We guarantee you that you will not have seen many of these amazing Mega demos as a high amount have not been released before.

Amiga - Contains Amiga tools to be used for copying & converting the D64 images back to your 1541 or into your Amiga. Also included is the FULL version of A64 Emulator Package.

Demos - This directory contains our entire C64 Demos collection. They date back from around 1986 until April of 1995. There are literally thousands of demos and magazines. On the fun I had looking over my old demos and reading charts in 5 year old magazines. The collection is as complete as it could be for someone still trading in the relevant Tools directories.

Sid Tunes - Hundreds of Sid Player tunes. All the tunes are in Amiga Payday format BUT have all been renamed with PC SidPlayer file extensions so they are runnable on a PC as well. They are also runnable through PlaySid. The latest versions of which is also on the disc are provided in the relevant Tools directories.

HOTTEST SET 1

CODE: CD240
PRICE: £29.99

Hottest 1, 2, 3 and 6

All the disks have been packed with DMS to retain the original disk format and contents and it comes complete with an easy to use menu system.

The CD's contain some of the best and most original Amiga Mega Demos, Games etc you will ever see. I have selected a few for you to take a look at and they are as follows:-

Sample of what's on Hottest 1

- Walker Anim [1Mb]
- Luxo Teenager Anim
- Walker Arm [1Mb]
- CBM 64 Music
- Psychoball [Kefrens]
- Salamander Collect
- Exodus Jumping Tiger
- Quiet Riot Hellower
- Nasa Graphics
- Frog Animation
- Star Trek Animation
- The Dole Dermo'
- Middle East Mania
- Deadly Jammin II
- Plasma Force Acid
- It Came from Desert
- Fiendish Freddy
- Kylie Minogue
- Horror Show Anims
- Freddy Kruger Sample
- Batdance Sounds
- Crusaders Freakout
- Joe of Scopesc Pics
- Operation Thunderbolt
- Forgotten Realms
- Newtek Demo Real III
- Dragons Lair II Anims
- X-Copy [Silents]
- Francois Freddy

Hottest 2

- Budbrain II
- Sleepin Bag [Horizon]
- Medley Relation
- A mazing Tunes II
- Fantasy Space II
- U.S.A. VS IRAQ

- Lost In Space [2MB]
- Juggler II Anim 2Mb
- Agtron Animations
- At The Movies [2MB]
- Walker Demo [2MB]
- The Wall [Kefrens]
- Total Recall
- Nightmare Slideshow
- Blues Brothers
- Star Trek [TNG]
- Spherical Dreams
- Musical Massacre
- 900 Mix [Oxygen]
- Unlimited Bobs
- Voices of Energy
- Sweet [Crusaders]
- Ultimate Star Trek
- Medfight
- Star Trekkin
- Coyote Strikes Back
- Walker Demo II
- Hot Wired Crusaders
- Mars Animation
- 2nd [Scopesc]
- Best of Rat Vol.1
- Vocal Attack II
- Red Dwarf Slides
- Silents Blues House
- Star Trek American
- Spaced Out Vol.1

- Black Jack Lab
- Backgammon
- Card Sharp
- Substack v1.0
- Diplomacy II
- Creep Show II
- Phenomena Dimensions
- Total War
- Camouflage Anim
- Potato Head Circus
- Skunks & Hunks
- Golden Oldies
- Ames Cointrop
- Army History
- Batman & Vito Anims
- How to Run by ES
- Unsporting Anim
- Galactic 92
- Ames Fruit Machine
- Desender
- Intruder [Berserk]
- Catacomb Adventure
- Clash of Empires
- Legend of Lothian
- Star Trek J Bar
- Star Trek E.Gustafson
- Sounds of Silence
- Gathering 92 Tunes
- Spring Melodies
- Golden Oldies 2
- Dr Mario
- Golden Oldies 3
- Time Zone [Trix]
- Get Frogged [Decay]

See Hottest 6 for more details!

AMINET SET 1

CODE: CD112
PRICE: £24.99



Get simply the best CD compilation around "CU"

AMINET SET 2

CODE: CD220
PRICE: £24.99

Fast access to the wealth of the Aminet!



What do you get:-
It's a Quad Disc Set with the most comprehensive continued Amiga software to date.

Dev	141Mb	800
Di	103Mb	1,800
Di	134Mb	900
Di & Anims	337Mb	1,100
Di	87Mb	500
Di	39Mb	400
Di	338Mb	900
Game	160Mb	1,000
Games	86Mb	1,100
Hardware	6Mb	100
Games	63Mb	300
Di	12Mb	200
Di	105Mb	500
Di	358Mb	2,700
Music	29Mb	200

PRO CLIPART VOLUME 2
CODE: CD053
PRICE: £17.99
Get connected - CD32 to Amiga.
The Network 2 CD and Cable combination allows the connection of the CD32 or CDTV (CDTV only to be purchased with Network 2 CD Vol 1 please Ask) to any Amiga. This connection enables a communications channel between the two machines, thus allowing the transfer of files from one machine to the other. Put simply you can gain access to the CDROM drive on the CD32.

File Transfer If you have a directory Utilities such as Directory Opus, Sid or DirWork the access to any CDROM's files is simple.

Postage & Packing by Recorded £2.45

Aminal, boys, cultural images, floral and natural images, girls, holiday images, literary figures, mythological images, scenery, transportation, and work images. The disc contains drawings of bears, cats, dogs, insects, horses. Cultural images from Egypt, Japan, Native Americans, Polynesia, Asia are also included on the disc. Floral natural images include blossoms, plants, sky, sun, trees, and weather.

All programmers receive a royalty for every CD sold.

NETWORK 2 PACKAGE

CODE: CD235
PRICE: £39.99+.24.45

Pinball Prelude

Fast Fun
and



Now Hard Disk
Installable For All Amigas

Effigy Software Station Yard, Station Road, Ruskin, Sleaford, Lincs NG34 9DG



MODEM AND INTERNET PACKAGES FROM £89.99...don't miss out!

GET CONNECTED !

Whether you want to make new friends, swap ideas and programs, or do some serious research, a modem will open the door to an exciting new world where almost anything is possible. A modem has already become an essential part of many Amiga user's set-up and here's your chance to join the swarming crowds with one of our excellent modem packs...please call with any questions !

14,400 "BEGINNER" Pack...£89.99

This excellent value package consists of a high quality 14,400bps modem, serial cable, NComm software, Archiving disk as well as full info on how to access our BBS, where you can download 1000's of latest files for your Amiga completely free of charge ! You will also be able to send E-Mail and make use of the on-line scanning, laser printing and digitising services !

28,800 "EXPERT" Pack ...£159.99

For the more adventurous, or those who wish to upgrade, this pack comes highly recommended especially if the main usage is the Internet. Pack contains a faster 28,800bps modem (transfer 100k in less than 30 seconds!) plus all the extras above and full information on accessing the Internet - don't miss out on this superb price !

3.5" EIDE 540Meg Hard Drives - £139.99

3.5" EIDE 810Meg Hard Drives - £189.99

3.5" EIDE 1Gig Hard Drives - £199.99

Bare A1200 Memory Expansion 2Meg - £99.99

Apollo 1220 28Mhz Accelerator Boards - £89.99

Apollo 1232 50Mhz Accelerator Boards - £189.99

A1200 Clock Cartridge- £17.99

3.5" DSDD Blank Disks (50 pack) - £14.99

***NEW* Watch Tower AGA (85%+ Reviews) - £16.99**

CALL FOR OUR 16 PAGE CATALOGUE!

ATTENTION 'NET SURFERS!

If you're based in the West Midlands/Birmingham area, here's your personal invitation to join the Internet with Woden Network Systems Ltd. Fibre optic cable lines are used for high quality connections, plus more. Call our sales line for full joining information on 01384 77172 or 825088! Lower rates than Demon !



SALES /ENQUIRIES: 01384 77172



Super Tennis Champs Data Disks

■ Price: £7.99 ■ Publisher: Audiogenic (0181 424 2244)

I was very, very disappointed not to see this superb little tennis game topping the charts since its launch before Christmas. It has appeared a few times in the top 20 but not enough in my opinion. With a wealth of competition options, 16 players to choose from and a great fun



▲ Aha boys, the women are here now to take you in a bit of one on one and mixed doubles. Scared yet?

two player mode it certainly deserves more attention. According to Audiogenic's Peter Calver "sales were somewhat disappointing, but this has more to do with the failure of the Amiga than anything else. When the A1200 didn't lift off shops were reluctant to stock games, especially at Christmas. Things are slightly better now, but people still call us asking when it's being released – and it's been in the shops for more than three months now."

The original game is probably the easiest to like and learn tennis game the Amiga has ever had. The options included world tournaments, doubles tournaments and a very competitive two player mode. In fact, because 16 tennis players were available and a save game disk could be created you could set up a league with a room full of friends and keep competing week after week. But all sixteen players were men, and some thought this was a bit discriminatory.

So, if one of the reasons you haven't bought Super Tennis Champs is rampant feminism, this data disk will affirm your rights and enable you to partake in politically correct games of tennis with other Wimmin of the world. Similarly if mixed doubles is your cup of tea then the second data disk will fulfill all your fantasies.

The lads in the original were a mixed bag of national stereotypes; the Englishman looked like Jack Charlton, the Brazilian like, well, Michael Jackson did in the 1970s (funnily enough, not like Maradonna) while the Americans looked like Americans in a flamboyant, sunglass wearing American sort of way. And so the theme continues with Penny the prim English woman, Helga the grim German and Heidi from Switzerland.

No cosmetic or general game-play changes are made by these data disks, but the addition of new players does give more variety



▲ That's it girl go for it – mixed doubles fun.

and the mixed doubles will certainly give those with nagging other halves (watch it – Lisa) the opportunity to play on an equal footing. I still highly recommend this tennis game. ■

AD



85%

Xtreme Racing - Data disks

■ Price: £14.99 ■ Publisher: Acid/Guildhall (01302 890 000)

It's funny the way people review games isn't it? If you get one Amiga, stick a disk in it and play some games for an hour or so before passing judgement you'll inevitably get a compromised score. As far as I can see this is what happened to Xtreme Racing. The amount of Blitter mode and 2x2 pixel screenshots I saw in other magazines was amazing. In this day and age you'd think someone would have the sense to check a game on more than one machine, but

obviously this is beyond some reviewers' capacity, either in terms of equipment or intellect.

When we reviewed it we played it for about a month, in single, two and four player mode on everything from a standard A1200 to one with a 1230 50MHz accelerator, 16Mb RAM and a hard drive, and every combination in between. And our verdict was based on this. Because of the amount of disk swaps, it was ruled out as far too frustrating on standard A1200s. With a hard drive though, even without acceleration, it was recommended: with acceleration and extra RAM it was highly recommended. Finally, with a null modem cable, some of the above and a friend with a similar Amiga it is absolutely fabulous. And now a data disk pack is available.

These data disks not only give you more manic tracks but also a track editor. It's relatively easy to use with practice and supplied with enough objects to populate



the easiest or hardest levels your imagination can come up with.

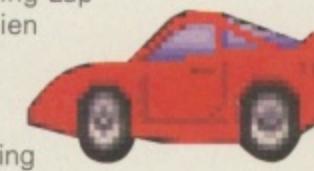
The original game gave you 10 tracks to race on so if you own it you'll no doubt have all but exhausted these already. As such the extra tracks which are included are worthwhile in their own right, but the track editor will give this game major league lastability. As can be seen from Leading Lap and the forthcoming Alien Breed 3DII, editors are becoming more popular, and for those who lack hacking, programming



▲ Zooming around the Spaceport. The track editor comes with several example tracks for you to play around with.

and art skills but are full of stunning ideas they're a godsend. With a lot of practice you can make a great game like Xtreme Racing go on for a long time. ■

AD



90%



▲ Track layout and obstacles remain essentially the same but the gorgeous hell scenery adds character.

KICK IT

Get your football facts and figures right and you could win a portable TV.

1 Name the two teams in the recent Coca Cola Cup final?

2 Which politician took the longest time ever to greet each finalist team member?

3 What number in the HMV charts (printed this issue) is *Tracksuit Manager 2* currently at?

Alternative Software are giving away a portable 14" Goodmans colour TV (retail £129.99) for one lucky person. And if you don't win the TV there's always the chance you might get a Mitre TM football and a copy of their latest football management game: *Tracksuit Manager 2*. All you have to do is answer the three questions above, pop down your answers on a postcard or sealed envelope and send it to 'I'm Football Crazy, Football Mad' Compo, CU Amiga Magazine, EMAP Images, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

Rules

1. No members of Alternative Software or EMAP Images may enter.
2. The closing date for entries is 31st May 1996.
3. The editor's decision is final and no correspondence will be entered into.
4. All entries must be on a postcard or sealed envelope.
5. Multiple entries will not be accepted.

5 runners-up will receive a Mitre TM football and a copy of *Tracksuit Manager 2*



All The
Latest Amiga
Software

EMERALD

Creative Technology

Call Us
Now On
0181-715 8866

Hardware

Disk Drives Etc.	
Squirrel SCSI Interface	£59.95
Iomega Zip Drive inc. Squirrel etc.	£call
A500 Internal Floppy Drive	£38.95
A600 & A1200 Internal Floppy Drive	£38.95
15" IDE Cable	£8.95
Ram Cards	
A500 with 0.5Mb	£15.95
A500+ with 1Mb	£19.95
A600 with 1Mb	£24.95
A1200 unpopulated	£59.95
A1200 with 2Mb	£129.95
A1200 with 4Mb	£179.95
A1200 with 8Mb	£299.95
Video	
Pro Grab 24RT+ SVHS	£125.95
PCMCIA Adaptor for Pro Grab	£34.95
Rendale 8802 Genlock	£164.95
Rendale 9402 SVHS	£279.95
Vid 24 RT	£144.95
Vid 24 Pro RT	£219.95
Other	
Tabby Graphics Tablet	£57.95

Utilities

Software Development	
Biz Basic 2.1	£32.95
Dice C Compiler v3.01	£98.95
DevPac 3	£59.95
Gamesmith	£89.95
Hisoft BASIC 2	£59.95
Hisoft Pascal	£79.95
Intos	£28.95
Disk Utilities	
AmBack	£29.95
AmFileSafe User	£28.95
AmFileSafe Pro	£68.95
CD Write	£42.95
Directory Opus 5	£49.95
Disk Expander	£29.95
Disk Magic	£34.95
Gigamem	£47.95
Infonexus 2 (Infonexus + Datanexus)	£28.95
Video Back-up System Phono	£54.95
Video Back-up System Scart	£57.95
Communications	
GP Fax	£44.95
Termite	£33.95
Miscellaneous	
Maxxon Magic	£23.95
Studio II Print Manager	£48.95

Productivity

WP & DTP	
Final Writer 4 New Version	£79.95
Final Copy 2	£49.95
Mini Office	£37.95
Pagestream 2.2 SE	£49.95
Wordworth 3.1SE	£47.95
Wordworth 3.1	£74.95
Databases	
Digital Datastore 3	£45.95
Digital Organiser v2	£39.95
Digital Data 3	£39.95
GB Route Plus	£31.95
Mailshot Plus	£35.95
Music Librarian	£22.95
Parts For All Seasons	£22.95
Twist 2	£89.95
Finance	
Cashbook Combo	£59.99
Counting House	£49.95
Day By Day	£24.95
System 3	£39.95
System 3E	£49.95
Digital Home Office	£39.95
Money Matters 4	£34.99

Personal Finance Manager + Spreadsheets

Final Calc	£94.95
DG Calc	£26.95
Turbocalc 2	£49.95

Music & Video

Music

Aura 12 bit Sampler	£79.95
Megalosound Sampler	£29.95
Technosound Turbo 2 Pro Sampler	£26.95
Music X 2	£49.95
Pro Midi Interface	£19.95
Little Gem Micro Mixer	£66.95

Video Titling

Big Alternative Scroller 2	£49.95
Rendale 8802 Genlock	£169.95
Rendale 9402 SVHS	£285.95

Education

Languages

Beginners to GCSE	£22.95
Micro French	£22.95
Micro French CD	£27.95

Beginner to GCSE & Business

Micro Spanish	£22.95
Micro German	£22.95

Integrated Science

Micro Science	£22.95
---------------	--------

Maths

Primary Maths Course 3-12	£22.95
11-Years to GCSE	
Micro Maths	£22.95
Micro Maths CD	£27.95

A Level

Mega Maths	£22.95
------------	--------

Books & Videos

Books

A1200 Insider Guide	£12.95
A1200 Next Steps	£12.95
Amiga Basic - A Dabhand Guide	£17.95
Amiga Disks & Drives Insider Guide	£12.95
Assembler Insider Guide	£13.95
Amiga Total! Workbench New	£19.95
Amiga Total! Dos New	£21.95
Amiga Total! Assembler New	£21.95
Amiga Total! Beginners New	£19.95
Mastering Amiga Programming Secrets	£19.95
Mastering Amiga Arexx	£17.95
Mastering Amiga Printers	£17.95
Mastering Amiga Dos 3.0 Reference	£19.95
Mastering Amiga Dos 2 Vol2	£17.95
Mastering Amiga Dos Scripts	£19.95
Secrets of Frontier Elite	£8.95
Secrets of Sim City 2000	£9.95
UK Comms	£19.95
Workbench 3 A-Z Insider Guide	£13.95

Book & Video Packs

A1200 Beginner's Pack	£36.95
Workbench 3 Booster Pack	£36.95

Videos

Intro to the A1200 - Tutorial	£14.95
Intro to the A1200 - A Deeper Look	£14.95

Graphics

3D & Rendering

Cinema 4D New	£179.95
Essence vol 1 + Forge	£79.95
Essence vol 2 + Forge	£79.95
Imagine 3.0	£99.95
Pixel 3D Pro II	£94.95
Real 3D v3	£319.95
Terraform for Vista	£9.95
Vista Pro 3.0	£27.95
Vista Lite	£24.95
Painting	
DPaint 5	£64.95

When ordering don't forget to include the carriage charge !

Charges within the UK are £3.50 for first class post, which usually arrives the next day. Orders over £100 are sent registered post at £4.50. Next day courier service within the UK mainland & subject to availability is £6.00. **Hardware is sent by Next Day Courier.** Call for prices overseas, islands & Scottish Highlands.

Personal Paint 6.3

Photogenics	£47.95
Pro Vector 3 Stylus Pro Pak	£174.95
TV Paint 3.6	£329.95

Image Processing

Art Department Professional v2.5	£139.00
Image FX 2	£189.95
Morph Plus	£89.95

CAD

X-CAD 2000	£22.95
X-CAD 3000	£119.95

Personal Suite

Includes :

- Personal Paint

- SBase Personal

- Personal Write

- Personal Fonts Maker 2

PLUS DirDiff • 27 High Quality Kara Colour

Fonts • Nearly all of Eric Schwartz's outstanding

animations • Amiga Dos Manual • Arexx Manual

• "How To" Amiga Guide • PNG Toolkit •

Masses of pictures and anims • 20 classic books

(Dickens etc.) • And still loads more !

All on one CD for just £49.95 !!!

FAST AMIGA REPAIRS



FAULTY TROUBLESONE COMPUTER??

CALL FOR COLLECTION OR PERSONALLY DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR AMIGA

FOR ONLY
£24.99 + PARTS

* NO OBLIGATION FREE QUOTE

WE REPAIR TO COMPONENT LEVEL
A500, A600, 1200, 1500, 2000, 3000, 4000 & CD32

★ FREE GIFT WITH EVERY REPAIR ★
PLEASE SPECIFY

MOUSE MAT
MOUSE HOLDER
DISK CLEANING KIT
ADD £5 REPLACE MOUSE
ADD £5 JOYSTICK SEGA STYLE

BARGAIN HARD DRIVES

FITTED 85-500Mb Call
EXCHANGE SERVICE
MODULATORS £19.50
PSU £19.50
DISK DRIVES £25.50
KEYBOARDS £25.50

* 95% SUCCESS RATE ON ALL COMPUTERS

* DOOR TO DOOR COLLECTION OF YOUR COMPUTER
ANYWHERE IN THE UK

142 TANNER STREET, TOWER BRIDGE, LONDON SE1 2HG

Call **FAST** on 0171 252 3553

E-MAIL PETER@FASTCOMP.DEMON.CO.UK



AMIGA REPAIRS

FIXED PRICE ONLY **£42.99** Incl. (A500+, A600 and CD32 ONLY)

- * Price includes PART, LABOUR, DELIVERY & VAT
- * 90 Day warranty on all repairs
- * 24 Hour turn-around on most repairs
- * All upgrades purchased from us fitted free with repair
- * Includes FULL DIAGNOSTICS, SERVICE & SOAK test
- * If drive or keyboard need replacing add £10.00

AMIGA A1200 Repairs only **£52.99** Fully inclusive

EST. 14 YEARS

SPECIAL OFFERS

A1200 Desktop Dynamite Packs £295.00

*A1200 Computer	*Deluxe Paint 1V	*Oscar
*Digita Print Mrg	*Dennis The Menace	*Workbench 3.0
*Wordsworth AGA	*1yr RTB Warranty	

A500 Internal Drive £29.95 **A600/1200 Internal Drive £35.95**

CHIPS	CHIPS	CHIPS
8372A 1Meg Agnus 24.30	68000 CPU 8.50	A500 Keyboard 38.00
8375 2Meg Agnus 24.30	Video DAC (A1200) 19.50	A600 Keyboard 29.00
8374 Alice (A1200) 32.70	Kickstart 1.2 4.20	A1200 Keyboard 34.00
8362 Denise (A500) 9.60	Kickstart 1.3 16.80	A500/600/1200 PSU 28.50
8373 Super Denise 18.40	Kickstart 2.04 22.40	CD-32 PSU 28.50
5719 Gary 7.60	Kickstart 2.05 19.90	A2000/A3000 PSU 65.00
8520 CIA (A500/+) 12.00	Kickstart 3.1 (A500) 58.00	VGA Adaptor 6.50
8520 CIA (A600/1200) 12.00	Rom Sharer 15.00	2.5 HARD DRIVES P.O.A.
8364 Paula (A500/+) 12.34	NEW Modulators 29.50	WE CAN SUPPLY AMIGA 500/600/1200 SPARE PART AND KEEP A FULL STOCK
8364 Paula (PLCC) 16.70	Xchange Modulators 18.00	
	CD32 ROM DRIVE 35.00	
	A500 Motherboard 6A 59.00	

Add £1.50 P&P on chips, £3.00 P&P on drives & PSUs We reserve the right to refuse repairs

***** ATTENTION ALL DEALERS *****
Our Company offer the most competitive dealer repair service on all home computers,
Credit facility available. SEND FOR FREE INFORMATION PACK TODAY.

Service HOTLINE (0116) 247 0059 FAX (0116) 2558643

DART Computer Services (C) 105 London Road LEICESTER LE2 0PF



DART
Computer Services
The Guild of Master Craftsmen A Division of D.A. Computers Ltd.

Marpet

No 57 & 58, Top Floor Glasshouses Mill, Nr Pateley Bridge, Harrogate, North Yorkshire HG3 5QH

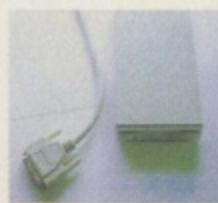
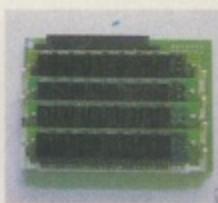
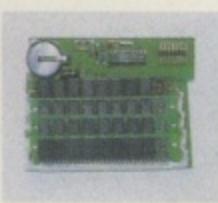
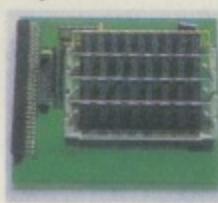
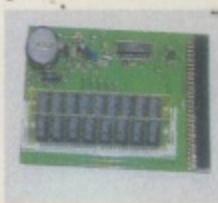
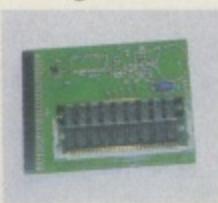
Tel: +44 (0) 1423 712600 Fax: +44 (0) 1423 712601

Lieading Manufacturers of RAM expansions to all major distributors and dealers,
are offering a WINTER SALE!! of all their products, SLASHING up to 20% off recommended retail prices.

Why not purchase your requirements direct from the manyfacturer?

We guarantee despatch within three days

Don't hang around. ORDER NOW!!



RRP Our price
A500 Expansion to 1Mb £19.99 £16.99
Also available with clock £24.99 £20.99

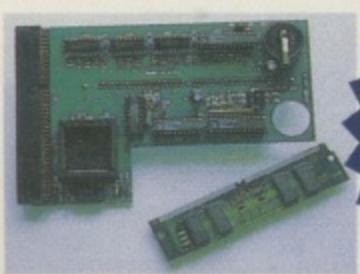
RRP Our Price £29.99 £21.99
A500 Plus Expansion to 2Mb

RRP Our price
A600 Expansion to 2Mb £29.99 £24.99
Also available with clock £39.99 £32.99

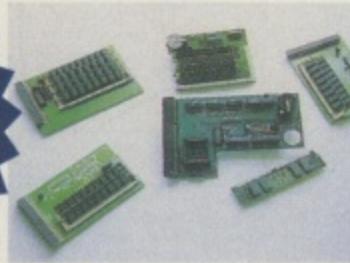
External Drive (all Amigas) £59.99 £43.99

A1200 Ram Accelerator

Uses 32bit, 72 way Simms
Built in real-time clock
Optional maths co-processor
Various configurations



All prices include VAT and P&P



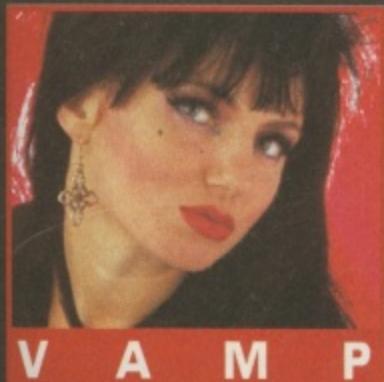
RRP	Our price
0Mb	£59.99 £49.99
1Mb	£99.99 £85.99
2Mb	£129.99 £110.99
4Mb	£189.99 £147.99
8Mb	£309.99 £267.99
33MHz F.P.U.	£49.99 £38.99
	(and crystal)

Also S-port (connect CD32 to Amiga). With CD and networking software £21.99
A1200 internal real-time clock £10.99

Ring for best prices on 30 and 72 way SIMMS, hard drives, modems, mice etc and we will try to beat any genuine deal.

ACCESS/VISA welcome. 3 YEAR WARRANTY ON ALL OUR PRODUCTS!!!

01423 712600 / fax 712601



Vampyra wasn't always the girl she is now – she used to be Snow White, but she drifted. Now she's the queen of the RPGs. And boy aren't you glad she is.

Flight of the Amazon Queen

I have rescued the princess from her cell and I am in the room which has the mannequins and the receptionist in it. I turned off the light switch, hid behind the mannequins and saw the security guard tap in the security code on the wall. However, each time I try to use the code the receptionist tells me to leave the panel alone.

Paul Hughs, No address supplied.

Here is the official guide to this section. I'll let you work out what you've missed. Use the knife on the book and take the key. Return to the corridor and go to the fire exit. From the lab, climb the stairs to the prison and use the key to open the cell. Pick up the pencil from the desk then hide behind the mannequins on the left. When the guard has gone, ask Azura about the door code then type the code into the panel on the left wall.

KGB

I can't get past the second chapter in this game. I've been sent to the hotel with the secret room hidden behind the mirror but once I collect the photo I'm stuck. I have no evidence when I meet my controller

Adventure Helpline

at 7am. I have also been killed several times by Chapman when I've fallen asleep in my room. Finally, do I need the bug, because I can't get it out of the locked warehouse office?

Mr. Smith, Manchester.

Once you have the photo, head back to the warehouse and listen to your tape. This time take the recorder and the microphone and return to your hotel. Switch the recorder to 'voice activated', remove the headphones and put them and yourself on the bed. When Chapman wakes you at 6:30, follow him to the bathroom and answer with the reply that contains the word 'talk'. At this point the recorder will start recording and allow you to send him to sleep.

Jinxter

I am stuck in the classic text-adventure game – Jinxter. I can't seem to open the safe in the Post Office no matter what combination I use on the levers.

Simon Sawdy, Herts.

You poor old dear. Don't you know that the world has moved on? It's bad enough that you are spending hours playing with a keyboard instead of spending your time and money attempting to win the love of a good woman, but to be still be playing text adventures is really too bad. I'll answer your question, but you really must promise me that in future you'll either spend your money on a nice girl like me, or at least buy some modern software. Turn the top right handle. Turn bottom right handle. Turn the bottom left handle. Turn top left handle. Turn top left handle. Turn bottom right handle. Turn top left handle. Open the safe.

Simon the Sorcerer

It's the feather that's my problem; I can't find it. If I could find the feather then my girlfriend will love

me forever (she says) and I'd be the happiest man alive.

Steve, Liverpool.

What exactly do you intend doing with this feather that is going to make your girlfriend love you forever? I think we should be told. Are you simply going to tickle her fancy or what? Personally I prefer to be tickled by the feel of mink fur but then I'm no chicken. You'll find the feather lying on the ground next to the wise owl who sits in the middle of the wood. I trust you realise that the owl will answer lots of your questions if you persist in asking him questions. Don't be put off if he doesn't tell you what you want to know immediately, like all good things it takes time to get to the best bits.

Knightmare

I am stuck in Quest 3 of Knightmare from Mindscape. What do I pay the boatman with? Also where do I find whatever it is? I have been stuck in this part of the game for months now, so any help would be appreciated.

Andy Gilroy, Bognor Regis.

You pay the boatman with money. What do you think you were going to use; dustbin lids? What you seek is a coin. The solution to your problem is quite funny: You need the funnystick. There is a large room in this quest containing several rotator pads. There are also lots of fireball launchers which are triggered by a pad. In this room there is a switch at the centre which opens up another area. Inside that area is a further switch, which when operated will reveal a jester. This guy is a bitch to destroy if you try to use the wrong weapons. However, if you give him the funnystick, he will give you the coin you are seeking.

Beneath a Steel Sky

I'm stuck in the Security Building. I used the interface and got the ball,

magnifying glass, birthday present, bust and the book, but when I use my ID card in the scanner lift nothing happens.

Robby Ivens Belgium.

Use your card with the Linc terminal and choose Security Services. Select Option 2 of Special Operations and then return to the Security Services menu. Now choose View Documents. Examine all three and then exit. Use the card on the lift door and go through. The world is now your oyster.

Zak McKracken

I have got the piece of crystal which lets me control the bird to fly over the cliff painting, but where do I go from there?

Gavin Kermack, Bristol.

Use the bird to fly to the huge carvings and fly to the left eye where you can pick up a scroll. Now fly to the valley. When you get caught by the alien, retrieve your gear and return to this location. Use the blue crystal on the bird and give the scroll to Zak.

After being thrown in the stupidity machine, fly to London. With Zak and Annie at Stonehenge, use the flagpole with the altar stone. Give the scroll to Annie. Switch to Annie and read the scroll. There that's my lot for another month.

If you've got a little problem with your favourite Role Playing Game and would like Vamp to help you out, drop her a line at CU Amiga Magazine, Priory Court 30-32 Farringdon Lane, London EC1R 3AU.



WHAT MEN
LACK IN
INTELLIGENCE
THEY MAKE
UP FOR IN
STUPIDITY.

EPIC MARKETING CD ROM SOFTWARE



Emulators Unlimited contains Software emulation tools for the Amiga & PC. Spread over the two platforms are emulators for: Apple, BBC, Commodore 64, Commodore VIC20, Amstrad CPC, Apple Mac, Gameboy, Atari ST, MSX, Apple200, Atari 800, Atari1040ste, Sinclair QL, Unix and more. Also features hundreds of games, tools etc for most of the emulators.

EMULATORS UNLIMITED

(CD117) £19.99



Sound FX Sensation is an original new CD that contains hundreds of megabytes of high quality samples. A superb CD for game makers, demo makers, or even film makers. Hundreds of Sound FX subjects include Animals, Wild life, Nature, Explosions, Creatures, Scary stuff, Science fiction samples, House hold noises, car crashes, and hundreds more.

Suitable for use on any Amiga configuration. Available May 1996

SOUND FX SENSATION

(CD165) pre-order price £14.99



ADULT SENSATION

Adult Sensation is possibly the Amiga's largest selling adult title. It features over 4,000 high quality 256 colour images of the "adult" nature. Image viewers and converters are included for every configuration of Amiga. (OVER 18 ONLY)

(CD01) £19.99



ADULT SENSATION 2 The new batch

Adult Sensation 2 not only contains 4,000 new colour images but also includes tons of adult related samples, adult music modules, tons of adult stories, adult animations, black&white 70's photos, adult games and more. (OVER 18) (CD115) £19.99



SEXY SENSATIONS

Available now, this CD contains around 2,000 especially chosen high quality GIF Images. Viewers & graphic converters are included for easy and quick access to any of the pictures on any Amiga. (OVER 18 ONLY)

(CD169) £19.99



ADULT SENSATION 3D EXCLUSIVE!

This CD actually contains over 2,000 true 3 Dimensional colour images. 3D viewing software and top quality 3D glasses are also supplied.

Includes superb new Multimedia interface.

Available Now!

(CD145) £19.99

Special.... Adult Sensation 1&2... just £29.99. order CD180

Coming Soon.... Adult Animations, (AS4)



World of Clipart is a double CD-ROM containing around 40,000 mono and colour clipart images contained in over 100 categories in IFF, GIF, PCX, CDR, EPS, TIF, & BMP. Tools for converting images to another format are included for both the PC & Amiga. Subjects include:

Animals, Anatomy, Babies, Men, Women, Trees, Reptiles, Insects, Xmas, Religious, Planes, Vehicles, Ships, Toys, Zodiac signs, Eye catchers, Humour, Cats, Dogs, Computers, Technology, Sealife, Space, Symbols, Royalty, Dinosaurs, Plants, Nature, Ads, Tools, Astrology, Hands, Birds, Business, Office, Workers, Cartoon, Lion King, Education, Food, Gardening, Holidays, Houses & Buildings, Helicopters, Children, Banners, Medieval, Military, Monsters, Music, Sports, Transport, Trains, War and more.

Rated 94%

WORLD OF CLIPART Plus DOUBLE CD (CD77) £17.99



TRUE MULTIMEDIA

If you're into Horror then this original CD ROM will please you no end. It contains Thousands of gruesome images, tons of gory animations. Bloody games. Spine tingling horror type sounds, Horror stories, Earie music modules. Pictures & animations from hundreds of horror films and heaps of real-life blood'n'guts. (Adults only)

HORROR SENSATION NEW (CD144) £19.99



This CD contains information that NOBODY wants you to know about, and includes tons of megabytes of text documents and photographs relating to UFO sightings and abductions etc since 1941 as well as hundreds of "classified" documents.

ENCOUNTERS Rated 91% (CD179) £14.99



This NEW CD rom contains Thousands of all-time classic Commodore 64 games and emulator to run them.... Available shortly, Order now as stocks are bound to go quickly.

(CD182) £29.99



UK FREE PHONE Order line:
0500 131 486
Overseas Order / Enquiry line. 01793 514188 Fax 01793 514187
UK & EUROPE Open Monday-Saturday, EPIC - 138-139 Victoria Rd, Swindon, Wilts, UK
P&P in UK = £1 per title, Overseas P&P = £2 per title, E&OE. CDLIST available on request.

EPIC MARKETING (AUSTRALIA)

If you live in Australia or New-Zealand you can now purchase any of the above CD ROM titles from our Sydney based premises. Send your orders or enquiries to:

EPIC. 36 Forest Road, Heathcote, NSW. 2233. Australia.

Please make cheques payable to EPIC MARKETING

Tel: 02 622 6500 Fax: 02 622 6077

For a Price list please send a SAE. For prices in Australia add double the UK £1.00 price listed.



SCI-FI Sensation is an exciting new CD-ROM containing over 1.3GIG of SCI-FI images, animations, 3D objects, Sound FX, Documents, Themetunes, Scripts & SCI-FI games. Subjects included are: Babylon5, Star Trek (The original, TNG, Deep Space 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, Sea Quest DSV, Bladerunner, Aliens, Terror Hawks, 2001, Blake7, Battlestar Galactica, Tron, Total Recall, 2010, Space 1999 etc. *Buy SCI-FI Sensation from us and you are guaranteed to always receive the latest version. CU Amiga: 91% AUI: 93%



SCI-FI SENSATION v2 DOUBLE CD (CD118) £19.99

FREE CHOOSE ONE OF THE FOLLOWING CDROM TITLES FREE! WITH ALL ORDERS OVER 25.00

FCD54. ILLUSIONS 3D ESSENTIAL UTILITES
FCD74. HOTTEST 4
FCD12. PRO FONTS & CLIPART
FCD47. LUCKY DIP VOLUME TWO
FCD163. TERRA SOUND LIBRARY
FCD181. TERRA SOUND LIBRARY

FREE PHONE: 0500 1 ONE FREE ONE 486

At the time of ordering please request your free CD preference.



HORROR SENSATION NEW (CD144) £19.99



Arcade Classics is an original collection of ALL your old arcade favourites, including Amiga & PC versions of: PACMAN, SPACE INVADERS, ASTEROIDS, MISSILE COMMAND, PENGUIN, FROGGER, LOAD RUNNER, GALAXIANS, DONKEY KONG, NUMEROUS TETRIS GAMES, BATTLEZONE, TEMPEST, COMBAT, TRON, SPACE WARS, THRUST, Q-BERT, HUNCHBACK, MOON PATROL, TRAIL BLAZER, BREAKOUT, CENTREPEDE, CYCLES, BEZERK, SNAKE, SCRABBLE, PING PONG, BREAKOUT, NUMEROUS C64 CONVERSIONS, A COLLECTION OF JEFF MINTER GAMES AND HUNDREDS MORE. Over 600mb of unforgettable retro-gaming. Keyboard recommended.

ARCADE CLASSICS Rated 87% AC (CD76) £14.99



Contains our most popular floppy based software titles on one giant CD-ROM. Now you can purchase the entire Epic collection in one go. This compilation contains hundreds of megabytes of Amiga software subjects include: Professional mono clipart, colour clipart, numerous 3D objects for Imagine & Lightwave, Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Hundreds of Sound FX and samples, Virus Killers, Hard disk installer & tools, Various hardware projects, Hundreds of games including Mind teasers, Puzzle, card, arcade and board games and more. Supplied with Index book.

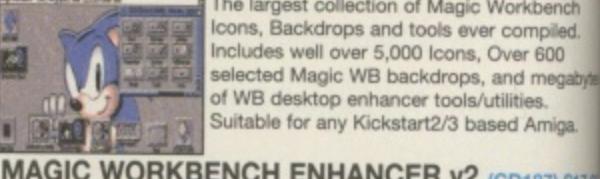
THE EPIC COLLECTION v2 NEW !!! (CD100X) £19.99



Retro gaming at its best. Around 3000 all-time classic spectrum game files on one CD-ROM. Emulators included for Amiga.. Games include Manic Miner, Skool daze, Monty mole, Star Trek, Thrust, Jet Set Willy, The Hobbit, Strip Poker, Danger Mouse, The Sentinel, Micro Olympics, Under Wurld, Uridium, Atic Atac, River raid, Barbarian, Hunchback and around 3000 other classic spectrum

game files including multi-load games. Speccy '96 also contains hundreds of documents containing instructions for most games as well as hundreds of speccy game cheats. Okay with any CDROM drive connected to an Amiga.

Rated: AF GOLD 95% - CUAMIGA 91% - AUI Over 90% - AC over 90% SPECCY CD 1996 (CD119) £17.99



MAGIC WORKBENCH ENHANCER v2 (CD187) £17.99

The largest collection of Magic Workbench icons, Backdrops and tools ever compiled. Includes well over 5,000 icons, Over 600 selected Magic WB backdrops, and megabytes of WB desktop enhancer tools/utilities. Suitable for any Kickstart 2/3 based Amiga.

Over 7000 royalty free colour images. Subjects include: cats, aviation, animals, people, hi-tech, space, cars, trains, textures, nature, sports, pinups (18), boats, flowers, plants, seasons, birds, technology, raytraced, cartoons, fantasy, art, reptiles etc, etc.

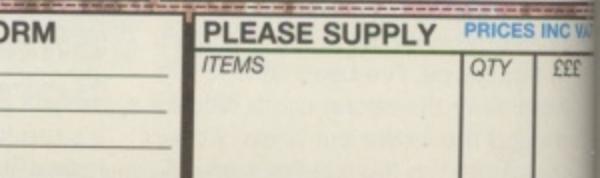
GIF SENSATION DOUBLE CD (CD128) £24.99



NOTHING BUT TETRIS (CD148) £9.99

This CD contains almost 100 variations of the worlds most addictive and loved game. Nearly all the games are ready to run directly from CD, and archived versions are also included.

NOTHING BUT TETRIS (CD148) £9.99



PRIORITY ORDER FORM

NAME _____

ADDRESS _____

MACHINE _____

PAYMENT METHOD _____

CREDIT CARD DETAILS _____

EXP DATE _____

PLEASE SUPPLY PRICES INC VAT

ITEMS	QTY	£
TOTAL GOODS VALUE		£
POST & PACKING		£
AMOUNT ENCLOSED		£

Snip tips



Many thanks to all the readers who've sent in all these lovely cheats - it's much appreciated! I apologise to the readers who've not yet received their free Hit Squad game, but fear not, things are being sorted as we speak. Keep 'em coming!

Worms

Ocean

Simmonds and Henry Durrant of Norfolk have been keyboard bashing and have found some 'really great' levels for this superb game. (Please NOTE: The full stop at the end of some of these numbers is essential).

MARS

365740451
100000753.

DOUGHNUT

FOREST

3364965913

11461343

987206215

ARCTIC

612601132

400000753.

ALIEN

zzzzzzzz
631137362

By changing the digit after the five zeros (on the codes starting 100000... and 400000...) with different numbers you can get curvy levels. The Durrants have also found a second set of player controls. They are: UP=D, DOWN=X, LEFT=Z, RIGHT=C, JUMP=Ctrl,

FIRE=Space. To toggle between visible names, use the ' ~ ' key. And finally (just in case you didn't catch them first time round) the hidden Prod move is away, away, towards, towards. And (in case anyone might have missed it) the special weapon cheat involves typing in TOTAL WORMAGE over the title screen.

And, while we're at it, let's have a few more level codes from James Caggill...

BEELZEBUB

BIG JOBBY

AMIGA 1200

A BIT FAFF

BRILLIANT!

YEEEEEEER

C. MONSTER

2171127566

1233145554

C U LATER

Zeewolf

Binary Asylum

More codes arriving for this super flight sim, this time thanks to Daniel Rutherford of Newcastle.

Mission 6 Ourgan

Mission 8 Jmargus

Mission 9	Stag
Mission 11	Kraken
Mission 14	Station
Mission 16	Gbull
Mission 18	Statipause
Mission 20	Doitnow
Mission 23	Shipdeck
Mission 25	Globoff
Mission 26	Behave
Mission 29	Maxfuel
Mission 30	Pelplay
Mission 31	Domino
Mission 32	Steerdart

Civilization

MicroProse

WE HAVE AN EXCLUSIVE! Yep, according to Kevin Coate of Somerset, we're the first people to see this cheat he's just found, so wrap your thighs round this and squeeze.

When you build your first colony, rename it as CHARLOTTE. You will then see a message stating 'Cheat Mode Active' and find at least 50,000 attractive gold coins in the bank.

Also, as a bonus the entire world map is available to view. Not bad, eh? Cheers Kev! A game of your choice from Hit Squad should be winging its way to you.

Dogfight

MicroProse

Terje Karlsen from Norway has a few tips to share with us for the old MicroProse air combat offering. Basically, to win a fight make sure the enemy doesn't have any missile and then stay high, cutting your engines. Use air brakes, and when the plane stalls, push the stick back, turn the air brakes off, and give it full throttle while keeping the stick pushed back. The plane should then slowly get its nose up but keep dropping like a rock. Fortunately, you won't die when you hit the ground - unlike the enemy plane that follows you. Ah-ha! Very nasty indeed.

Frontier Elite 2

Gametek

Now here's an old chum of Snip Tips that we've not seen for a long time - ye olde Frontier. Well thanks to Andrew Grosvenor of Somerset, here's a nice little tip to finish this month's page with.

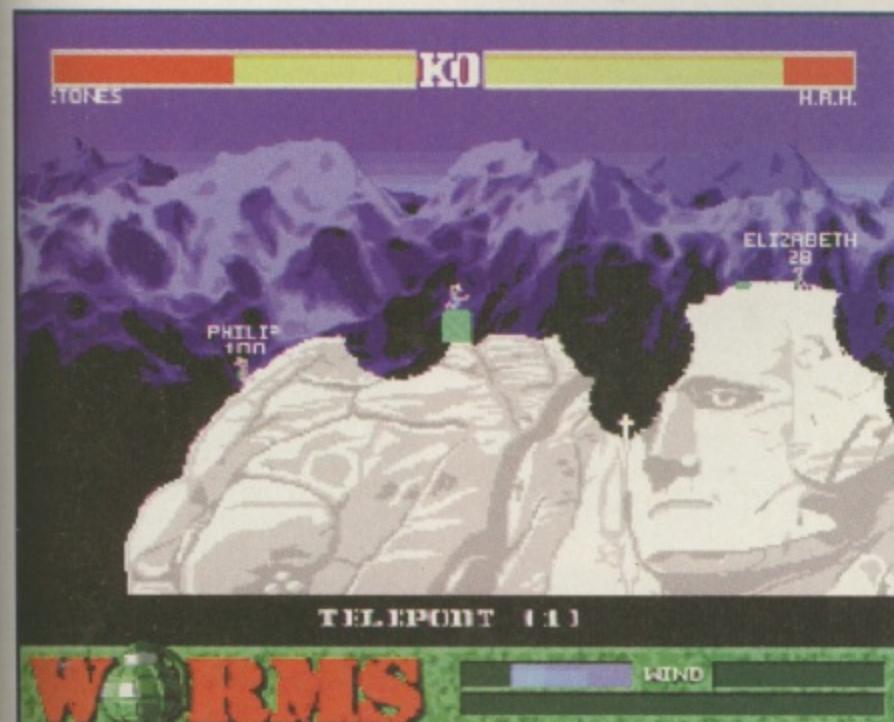
Start off in the Ross 154 system and buy as much hydrogren fuel as you can. Now jump to Cemess (-2,-2) and go to Williams Relay which orbits Donaldson. Once there, sell EVERYTHING that can be removed from your ship. Log on to the bulletin board and find Richards Exchange. If it isn't there, simply speed up time until it does appear.

Once at the Exchange, look for precious metals and gemstones. You'll notice that they have minus numbers, indicating that you get paid for taking them away. When your ship is full of these, go to the shipyard and buy the cheapest ship you can find (not an Interplanetary Shuttle or Lifter - preferably another Eagle) and then sell everything from your ship (engine, etc.) Go back to Richards Exchange and fill up your hull once more (again, using the speed-up trick if it doesn't appear or if they're out of stock) and then buy another ship.

Repeat this until you have enough money to buy a Panther Clipper, then fill your hull one last time, but this time go to Sol to sell your precious metals. Then buy a 30MW mining laser and fly to Mars. Find one of its moons and keep on firing at it. This will improve your Elite rating and indeed you shall command the entire universe. Or something. ■

Matt Broughton

Keep those sexy tips coming in, and don't forget there's a Hit Squad game for every lucky contestant who gets their tip printed.



Odyssey Tips

Here's some top tips to the game whose hero changes his identity more times than Michael Jackson.

Island Equus

To the left of the first cave there is a room with a diamond key in it. Pick this up and use it to open a door in cave one. Fall down the hole. At the bottom of the hole there are two floor switches, two wall switches and a door. Behind the door there is another wall switch which opens the trap door.

Hit the left floor switch, which will release an arrow, hit this arrow to the left so it hits the wall switch (the door above will open). Quickly hit the right switch which also releases an arrow and fix it to the right so that it hits the wall switch on the right (the switch will fit an arrow through the open doorway, hitting the switch.)

When you have completed the first cave and you get to the next light bulb go left until you come to an archer. Kill him with your sword and go down and left. Look to the right of the screen and you will see a wall with some weak rocks in the middle. If you look to the left you will see some platforms going up in a diagonal fashion to the left.

Go to the top of the platform and turn into a rock, roll to left under tunnel. Start rolling to the right hitting each platform (push forward and up) as you descend. When you get to the end of the

platform you will hit the wall and crash into one square rock (you have to get the speed just right).

In the second cave there is a room below the red key. In here there is a switch on the floor, a switch on the wall and a trap door. Hit the switch which releases an arrow at you. Hit the arrow back in the direction that it came from and it will hit the switch on the wall opening the trap door.

Island Empeira

Go into the first cave, go right until you come to the three floor switches, go across and hit the switch, the door will open below, go back over the switches and walk over to the open door, hit the switch so you open the door above then go round again through the door above.

Island Gyps

On this island use the green men to open doors. The last puzzle in



▲ Our hero (above) and again as a grasshopper (inset).

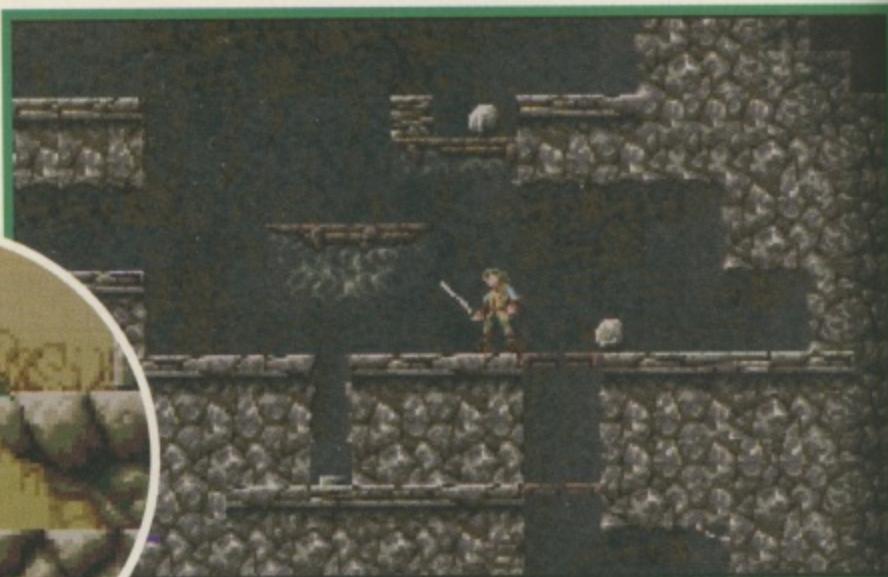
the cave on this island is hard but it is possible to solve. Here's how. There is a wall switch and a floor switch. Just keep hitting the floor switch and the wall switch and you should be able to open the trap door. You'll need 35 pieces of gold to collect the bird crystal; if you can't find them all, don't give up – they are there somewhere.

Island Leo

In the first cave go left, then down and right to where there are four tunnels. Go down the bottom one and smash the rock. Then go back and through the top tunnel, smash the rock again and turn into the grasshopper. Go right up to the edge and jump. When you're above the platform turn into the hero, fall down and turn into the grasshopper again. **Hint:** in this level you will have to use the grasshopper a lot and his different length jumps – so get practising.

Island Vargula

In the second cave there is a section with two trap doors one above the other, to the left of the top trap door. There is a switch which fires an arrow from the right towards you. To the right there is a switch that opens this top trap door, above this switch there is a rock. Get the rock and push it to the left and leave it on the trap door. Push the switch and the rock will fall onto the bottom trap door. (Now the hard bit) go over to the wall switch to the left



and hit it, walk right next to the wall, hit the oncoming arrow and move forwards onto the trap door. The arrow will hit the switch dropping you into the bottom trap door with the rock. Leave the rock where it is and go left and over to the wall switch; hit the switch which opens the trap door and closes the door. The rock will fall down onto the switches below and when you hit the switch again the door will open and the trap will open. To get the castle key at the end you will have to travel through a little maze as the spider. That's your lot. Hope these tips were of help. We'll leave you with some general hints. ■

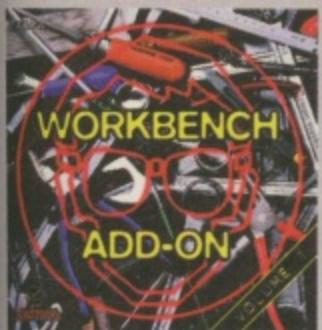
General hints

- Get as many lives as you can.
- When you're low on energy wait for a bit so it recharges.
- Save after every completed island, don't try to save until you have completed the island.
- If you are not very good at hitting arrows practice at the beginning of the castle level with the two archers.



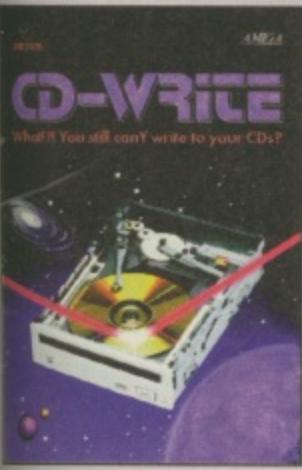
▲ The Islands of Essence. Looks like Leo is up for a visit, so says the spooky hand anyway.

CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...



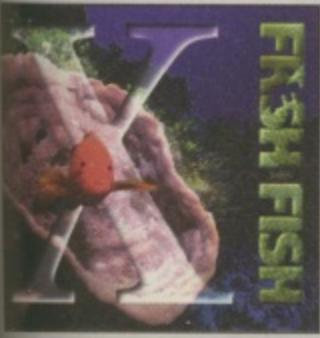
Workbench Add-On Volume 1

The Workbench Add-On CD-ROM is the ideal companion to your Amiga. On this CD you will not only find the best programs, that are available for the Amiga, but you will also get them ready-to-run on a CD. In addition to this there is an installer script that installs enhanced programs to your harddisk. CD covers all areas of interest, all, the programmer, the user, the one and the gamer will find what they are looking for. On this CD there are many shareware programs, some of them at a real price, if you get registered. There is e.g. Shapeshifter for 40.- instead of 50.- DM, in addition to this there is a 50 MB Macintosh, so that you can start playing around with Mac applications today. Then there is PowerPlayer for 20.- DM instead of 30.-, there are, of course, loads of modules with it, so that you can right away. AmWin, the new X11-server for the Amiga is available for \$40, instead of \$50. You can save more than 100.- with this CD. Therefore you only have to send in the appropriate booklet to the author of the program. £24.95



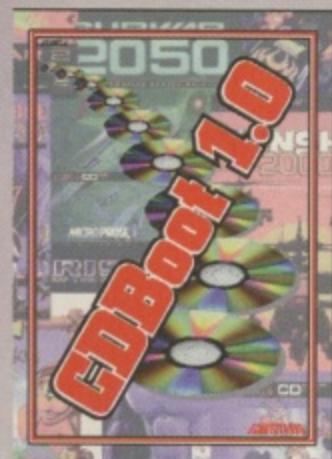
CD-Write

Will you still can't write to your CDs? CD-ROMs have long been an integral part of Amiga computing. Many users already own a CD drive, and the number of software packages available on it is increasing steadily. Until now, though, it was not possible to write to CDs. We have solved this problem with our new revolutionary product: Ralph Babel and Stefan Ossowski's Schatztruhe are present what can be considered a marvel of technology: it enables you to virtually write to CDs with an ordinary CD-ROM drive. From now on, you will be able to write, delete, and move files on your CDs. This product will take you into a new era, and enable you to utilize CD-ROM technology to its fullest. £44.95



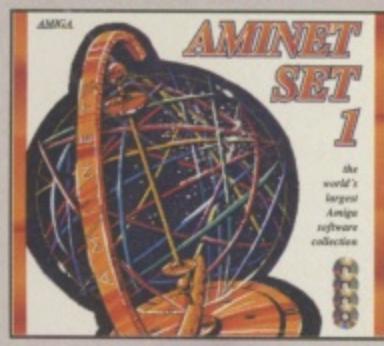
FreshFish 10

This CD-ROM-series, produced directly by Fred Fish, provides you with hundreds of megabytes of the latest freely redistributable software. Published approximately every two months, this is a two CD set containing new submissions since the last issue, as well as an ever growing selection of tools, libraries, demos and other useful material that is updated with every issue.



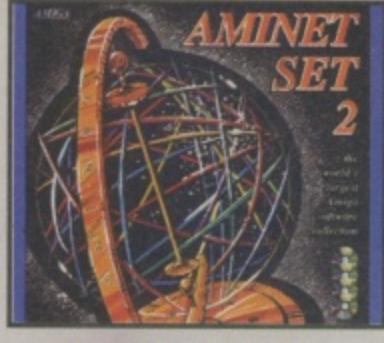
CDBoot 1.0

CDBoot is a fantastic new product that enables you to use almost any CD32 games on an A1200 or A4000 (with AT- or SCSI-CD-ROM drive and any filesystem). You can create a configuration file for each CD, containing information on the Joypad emulation. You can also save the highscore of each CD32 game. The usage and installation of CDBoot is very easy, also for beginners, due to the excellent English manual. Since the compatibility is very high, you can use 98% of CD32 games currently available. CDBoot is an excellent software solution for all Amiga-freaks, who would like to enter the world of CD32 games! £34.95



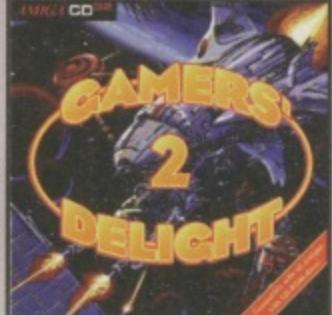
Aminet Set 1

Aminet is the world's largest collection of freely distributable Amiga software. Up to 10.000 users access the vast archives every day and countless programmers publish directly via Aminet. Until recently access to Aminet was restricted to international network users. With Aminet Set 1, consisting of 4 CDs, the complete archive is published for the first time. The CD-ROM-collection, which is dated January 1995, offers an almost inexhaustible reservoir of top-value Shareware. A wide variety of programs is included: Applications, Games, Demos, Pictures, Mods, Animations, Developer-Material, ... It contains approximately 4 gigabytes of software in 12.500 archives and you will enjoy the comfortable user-interface. £29.95



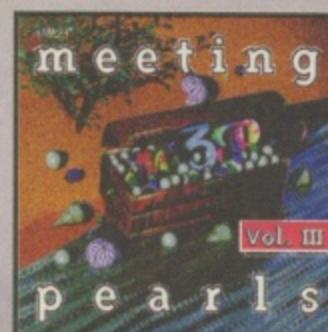
Aminet Set 2

AMINET SET 2, dated November 1995, consists of approximately 4 gigabytes of software in 12.000 archives. Whether you like applications, games, communications or programming, the SET gives you all you need. Easy to use index files and search facilities make accessing it a pleasure. £34.95



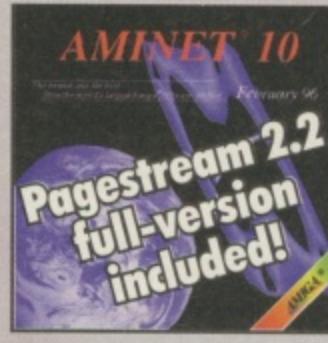
Gamers' Delight II

This CD contains 1070 games for the Commodore Amiga from differing categories. Action, Jump & Run, Card Games, Puzzles, Strategy Games - a whole range of computer entertainment awaits! Gamers' Delight will hold you captivated for hours and guarantees long-lasting pleasure. 70 games are commercial versions - no public domain & no demo! This CD can be run on any Amiga with CD-ROM drive, 1 MB free memory and Joystick/Joypad. £26.95



Meeting Pearls Vol. III

The Meeting Pearls Volume III contains 650 MB of the finest FD software via a special user interface, which has been created to allow you to find the program of your choice with ease. The contents: 10 MB Packer, Cruncher, Archive Programs - 3 MB CD-ROM Utilities - 21 MB Communication and Network Programs - 5 MB Debugging Tools - 29 MB Development Tools - 13 MB Floppy, Hard Disk and SCSI Programs - 8 MB Educational Programs - 9 MB Games - 35 MB Graphics Programs - 39 MB Internet Movie Database, Updated Version - 7 MB Midi Tools and Programs - 27 MB Mods - 12 MB Music Programs - 21 MB Pictures - 13 MB AmiTCP and more for Networking - 60 MB Documentation, CD-ROM Databases, etc. - 96 MB LaTeX 1.4 - not previous available on any CD-ROM - 15 MB Utilities - 30 MB HTML/Pages - Collections of datatypes, benchmark programs, icons, programs for amateur radio and electrical/electronic engineering are also included. £49.95



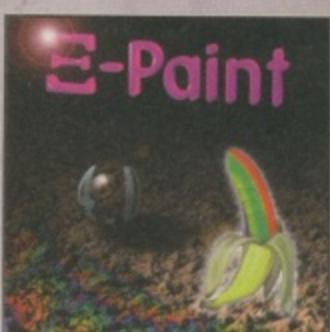
Aminet 10

Still available £14.95



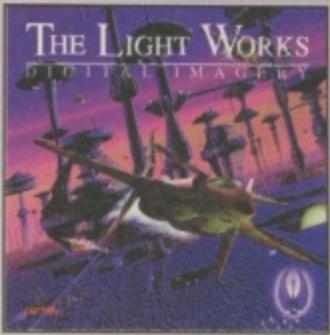
Aminet 11

Aminet CD 11, dated April 1996, consists of approximately 1.1 gigabytes of software in 3700 archives. Since the release of Aminet CD 10 more than 700 MB new software has appeared. The current edition has a special focus on pictures, more than 1000 pictures from the internet were included. User friendly access software makes the Aminet CD 11 a pleasure to use. £14.95



XiPaint V4

XiPaint 4 is the new version of the leading edge, 24-bit paint program. It's suited to the demands of novice and expert alike, and within a short time, you too will be able to produce colourful and creative art in 16.8 million colours. This version of XiPaint features animations as well as easy-to-use raytracing-capabilities. Overview of Features: Diverse paint functions including colour, contrast and saturation adjustment - Mask, outline, recolour and fill functions - Airbrush with adjustable spray functions - Light-table function for manipulating montages and animations - Text functions with anti-aliasing using Compugraphic fonts - Support for a variety of graphic formats - Unlimited Undo - Diverse manipulation of alpha channel - Supports many graphic cards - Layers to combine different projects - ARexx port - Drag & Drop colours - External filter module - Extensive documentation - 60 textures, 50 landscapes, 30 other pictures and many fonts included. £49.95



The Light Works

Raytracing - A fascinating area of the computer graphics. Pictures from the computer, perfectly rendered, fascinate people all over the world. The Amiga was the first computer to be used for raytracing, and today it is still a leader, with many high quality programs. A real artist of raytracing is Tobias J. Richter from Cologne/Germany, whose detailed objects stun the people. Especially his space ships of famous science fiction films are used to demonstrate the capabilities of a raytracing program. The objects are highly detailed and extremely realistic due to the application of complex surface textures of the models. Until now it was difficult to acquire these objects in order to create ones own scenes or animations. £29.95



NetNews Offline Vol. 1

NetNews Offline Vol. 1 is the first disk of a new bimonthly published series of Amiga CD-ROMs which contains all Amiga-related newsgroups from the internet. Every volume features about 50.000 articles which contain hot rumours, important information about all aspects of the Amiga, press-releases, discussions and flame wars, ... A newsreader is included. NetNews Offline is the cheap alternative of getting in touch with Usenet. £14.95

All products are available in your local Amiga-shop or through national mail-order-companies

International Distributor:



GTI

Grenville Trading International GmbH
Zimmersmühlenweg 73
61440 Oberursel · Germany
Tel +49-6171-85937
Fax +49-6171-8302
Email: Compuserve 100336,1245

Get Serious

The Amiga Surfer goes under the knife and LightWave 4 is dissected in this month's autopsy of technical body parts .

Horgan's Organ

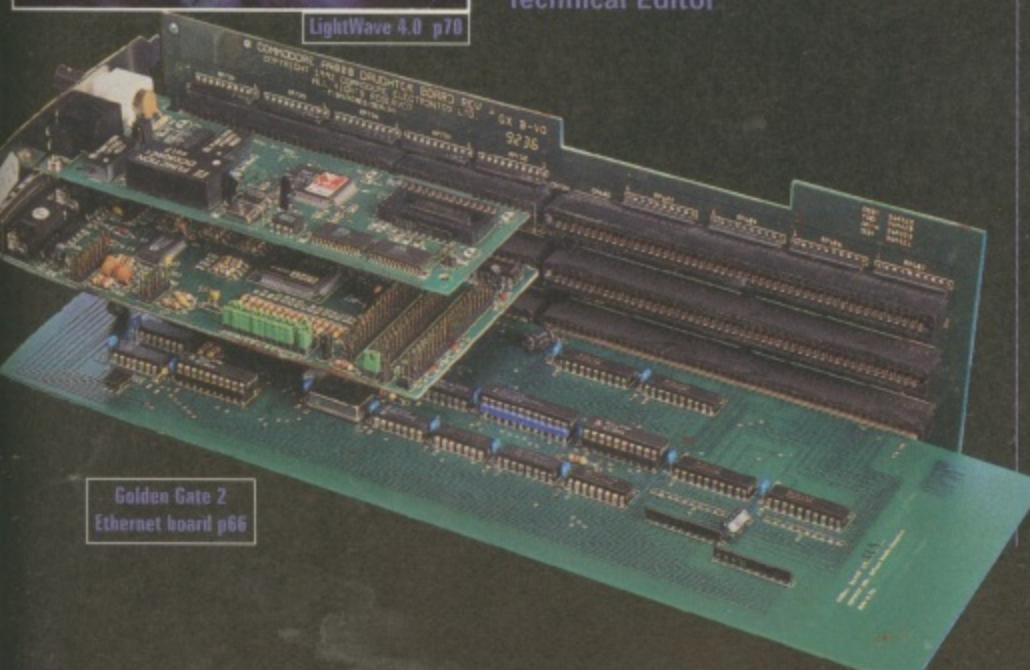


It's good to see that there are still some good marketing decisions

being made at Amiga Technologies. Removing their 'multimedia' blinkers for a moment they have realised that the Internet is a major growth area not just for business but for the home user too and have responded with the Amiga Surfer pack, an all inclusive plug-in-and-go Internet solution that doesn't break the bank. It's not perfect by any means but it should



LightWave 4.0 p70



Golden Gate 2
Ethernet board p66

move the Amiga one step closer to the heart of 'the man in the street'.

However, whether the staff in Escom stores are to be briefed on this new bundle is very doubtful if the current state of Escom retail is anything to go on.

That aside, we've got a very varied bag of goodies on display for you in our reviews section. For the affluent or professional 3D artists among you there's the amazing Lightwave 4.0 reviewed by John Allardice (the man responsible those stunning Team 17 CD game intros), a new multimedia authoring system in the form of Image Vision, an Ethernet networking system, a new Amiga-converted graphics tablet, a top hard disk backup system and all the latest releases from the land of CD-ROM and public domain.

And don't forget the free book - file it somewhere safe. One day it might just save your life!

Tony Horgan
Technical Editor

Amiga Surfer

62

AT's new Amiga Internet bundle is here! Mat Bettinson gives it a thorough workout.

Ethernet on Amiga

66

Ethernet is king when it comes to networking solutions. John Kennedy tests two systems for viability.

Lightwave 4.0

70

After lengthy delays, the Amiga's best 3D graphics system reaches version 4.0. John Allardice checks it out.

Power Tab

72

A graphics tablet is the most natural way of drawing on a computer. Helen Danby doodles with the Power Tab.

Diavolo Backup

74

Corrupt hard drives are no fun. With Diavolo Backup there's no need to worry, as Mat Bettinson discovers.

Image Vision

76

Multimedia authoring takes another step forward with Image Vision, so says John Kennedy.

CD-ROM round up

79

More from the land of the shiny silver disc. This month's include fonts, an atlas and a CD full of Tetris games.

PD Scene

83

Swinging back to a more games orientated month, PD Scene is here with plenty of fun ideas for the cheapskate.

PD Utilities

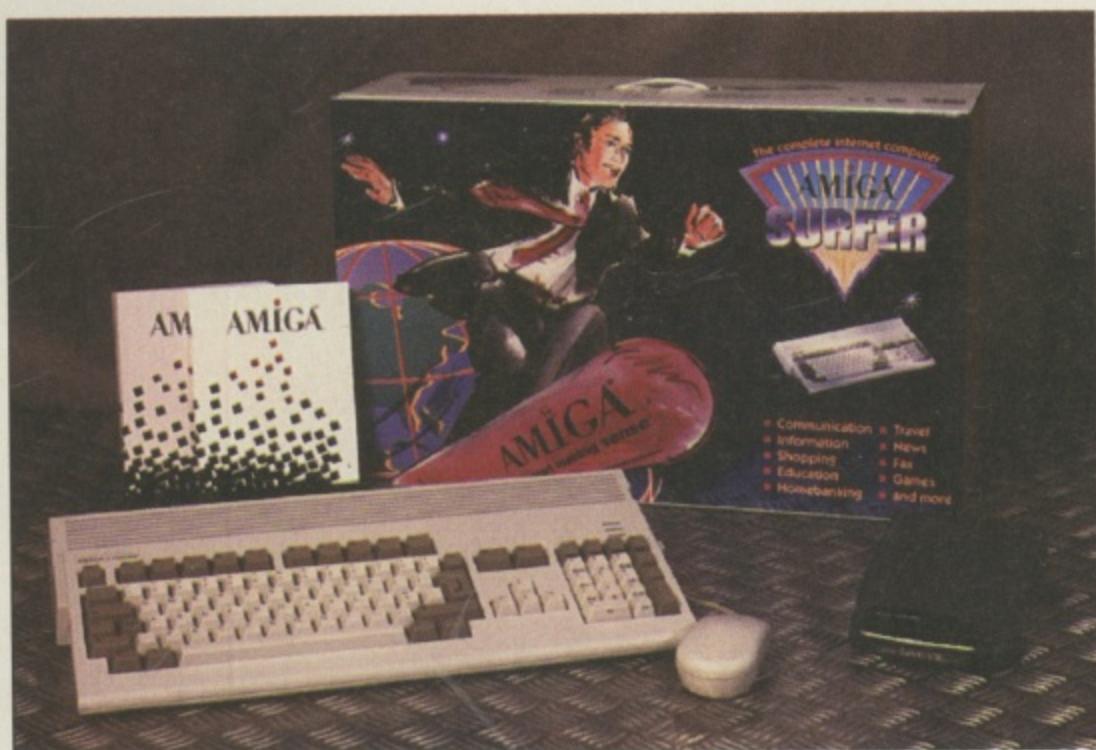
86

The best and most recent uploads on the Aminet are covered, with availability for non-modem users too!

Art Gallery

90

Check out the latest masterpieces from CU Amiga readers as compiled by Lisa Collins.



Grab your shorts, sunnies and few tinnies and get ready to ride the internet waves. The Amiga Surfer pack is here promising quick and easy access to the internet. Our resident net expert has picked it apart bit by bit to see what you net hungry dudes will be getting. All your dreams come true or just the beginning? Find out ...

Amiga Surfer

■ Under £600 hardware and software bundle / £90 for software only

■ Developer: Various ■ Supplier: Amiga Dealers see ads in the magazine



While clued-up Amiga users have been connected up to the Internet for some time, a large number have been put off by the many complexities involved in setting up a computer for 'net access. Now, at last, there's an Internet solution for your Amiga that cuts through most of those hassles: the official Amiga Surfer pack. Based around the Amiga Magic pack, the Amiga Surfer adds a 14400 baud modem and Internet software, including a

World Wide Web browser, to a package made up of an A1200 (2Mb RAM) and productivity software in the form of Personal Paint, Wordworth, Turbo Calc, Wordworth Print Manager, Datastore and Organiser. Photogenics SE and the two games from the Magic pack are not present. The Internet software will be available separately for existing Amiga owners. This review will concentrate on the Internet-specific hardware and software in the Surfer bundle.

Highly complex

On any machine, a working Internet system is highly complex. Before any of the E-mail or Web browsing software can do anything useful, there needs to be an interpreter part which handles communication between the Internet and any software that is used to access it. This part is known as a TCP/IP stack. TCP/IP is the protocol of the Internet. Almost all Amiga users currently connected to the 'net use NSDI's AmiTCP to perform this function.

Commodore developed their own TCP/IP stack some time ago

with the uninspired name of AS225. This has since been updated and reworked by Interworks and renamed Inet225. Inet225 forms the basis of the Amiga Surfer 'net software. However, the version of Inet225 in the pack is restricted. Even though AT own Inet225, they are asking an additional fee of around £25 for users to upgrade to the full version. This is puzzling in light of the high cost of the software-only pack.

No Demon

The version of Inet225 in the Surfer pack has been restricted so that it cannot run a server. A server could be an FTP daemon that controls your own FTP site (from which other 'net users could download files) or it could be a World Wide Web daemon to run your own WWW pages. Those aren't major restrictions since few people opt to do so.

The only major side effect of this is that it will not work with a particular server which collects E-mail via a special protocol called 'SMTP'. This means that the Surf pack will not work with Internet

providers who only provide SMTP delivered E-mail. This includes Demon Internet Services. The Amiga Surfer software will not work with Europe's largest Internet service provider and the most common among Amiga users in the UK. Oh dear.

Inet225 needs to talk to your modem to get on to the Internet. There are two protocols in this area: SLIP and PPP. Most providers support the latter and fortunately the Surf pack comes with both. The only drawback here is that the driver doesn't support the 'EOF' mode of the serial device. The result is that CPU usage is very high whenever any data is being sent or received. Fortunately it can be replaced with a better driver available from the public domain.

Now that you have a basic line of communication between the blips coming down the modem line and your Amiga, it's time to set up your client software - these are the only parts of the software you will see and use when surfing the 'net. The clients provided cover the vital areas of WWW, E-mail, News, FTP and IRC.

Pack Contents

Hardware:

- Amiga A1200 (2Mb Chip RAM) 270Mb Hard drive
- 14400K baud modem

Software:

- Internet software including a World Wide Web browser
- Personal Paint 6.4
- Wordworth 4 SE
- Turbo Calc 3.5
- Wordworth Print Manager
- Datastore 1.1
- Organiser 1.1

Web browser

For many, the most attractive aspect of the Internet is the World Wide Web. With its mouse-controlled windows, pretty pictures and foolproof links to millions of diverse sites around the globe, the web is responsible for dragging comms and the Internet into the public eye. The Surfer pack comes with its own web browser called MindWalker, formerly known as Voyager.

Why MindWalker?

Zimmer-frame equipped Amiga veterans from way back in the A1000 days might remember a Commodore game called MindWalker, in which you play a wizard type character who wandered around a surreal landscape and zapping bad guys with bolts of lightning. When AT bought Commodore they also got the rights to this game. Although the game was well over the hill they decided the name was cool. So their freshly developed web browsing software commonly known as Voyager was renamed MindWalker.

Oliver Wagner, the super programmer who created MindWalker in just three months, still secretly refers to the browser as 'V' in private and among beta testers.

MindWalker is a good looking web browser with a stability that

contrasts nicely against AMosiac, the Amiga's first web browser which is known for its tendency to crash at the wrong moment. Like AMosiac, MindWalker requires Magic User Interface to be running. MUI is a kind of Workbench/operating system enhancement and development tool. The advantage is that MindWalker has a nice interface, but the downside is that MUI slows things down and consumes more RAM. A version of MUI is included in the pack.

The usual features are built in such as a comprehensive Address Book facility and support for proxy caches to speed things up. Not all providers offer proxy caches so it's worth asking before you sign up. MindWalker also implements multiple sockets which means that it will open several connections to the remote WWW server in parallel, which greatly speeds things up compared to a single-tasking browser. Other than these features, MindWalker is a fairly basic but solid browser that fits well in the pack.

However, when compared to the latest versions of the iBrowse demo and the soon to be released AWeb browsers (a demo of which was featured on last month's cover CD) it's clear that there's a lot of room for improvement. Fortunately users of the Surfer pack are entitled to



▲ Here's MindWalker in all its glory logged into the Team 17 and MTV WWW sites simultaneously. The status lights at the bottom right flash and change colour as each MindWalker window negotiates several parallel connections to the WWW server.

updates of MindWalker as it's still very much under development and improving all the time. These updates should add better behaviour when it comes to text formatting and so on.

Stop Press

Just before going to press, Oliver Wagner revealed that MindWalker is indeed due for a release outside of the Surfer pack. He added that a public demo of the package will be available in the future though he couldn't elaborate on a

release date. The full MindWalker will be an extended version of the program featured in the Surf Pack and will feature full HTML-3 support as well as tables and frames. Oliver even hinted that Java support might be on the cards in the future. Java is the brainchild of computer giant Sun and looks set to become the defacto-standard Internet language making the dream of running applications which only exist on remote servers a reality, so don't rush out and buy a bigger hard drive just yet.

Internet relay chart

One of the most immediate forms of Internet communication is real-time text-based conferencing, known as Internet Relay Chat (IRC). It works like a party line phone system, on which hundreds of users can exchange text comments to one another in real-time. The Surfer pack comes with software specifically designed for this called AmIRC, also written by Oliver Wagner.

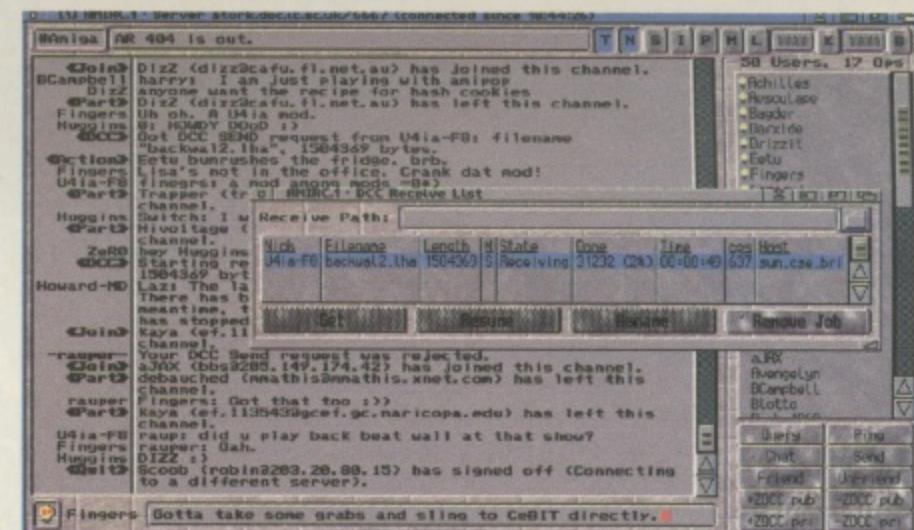
'#Amiga' is the name of the consistently busy channel where many Amiga enthusiasts hang out to talk to like-minded people the world over. IRC clients aren't that common in Internet software suites for other platforms, so it's refreshing to see one in the Surf Pack since the IRC is a valuable resource for Amiga owners. The contacts people make here can beyond information exchange to friendships and further. See the

Net Wedding feature the February 96 issue of CU Amiga Magazine for more on that.

Highly polished

AmIRC is possibly one of the most polished Internet clients ever seen on any platform let alone the Amiga. Oliver has also created an alternative IRC-like network called Arcnet which is compatible with AmIRC. Amiga Technologies themselves prefer Arcnet since they can run a server on their own Amiga 'net box and it doesn't use too much of their valuable bandwidth. You can often find members of AT staff on Arcnet in the #MAIN channel.

AmIRC has already proven itself to be the best IRC client around. While going to press, AmIRC 1.0 was released onto the Aminet as a shareware product. The list of numbers in the server



▲ The Effnet #Amiga IRC channel. U4ia is kindly directly transferring me his latest module by DCC. A handy function of the IRC when chatting with friends.

'phone book' could do with the additions of 'ircd.bt.net' and 'stork.doc.ic.ac.uk' for the UK market. Otherwise it's simply a case of running the program when linked up and typing /join

#Amiga to enter the #Amiga IRC channel. More powerful features hide inside the comprehensive configuration options but these will only be of interest diehard IRC fans (such as yours truly).

FTP client

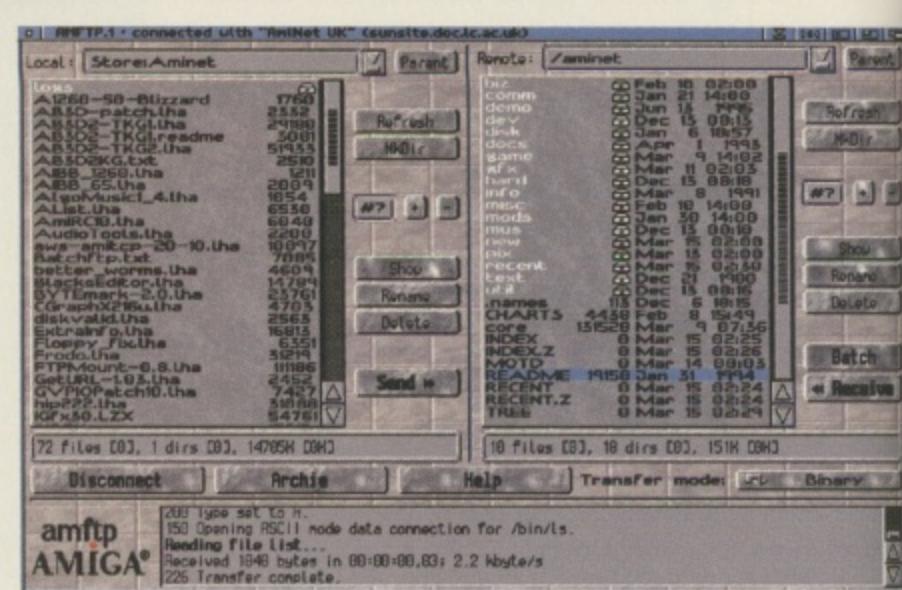
The Internet has a standard for transferring files (as opposed to E-mail and WWW pages) called File Transfer Protocol (FTP). FTP is often used as a verb when talking about downloading an FTP file, in which case, the file would be 'FTPed'. The most famous collection of files for Amiga users is the Aminet. This awesome collection of Amiga software is 'mirrored' or exists physically in several countries around the world. The term for this collection of files is an 'FTP archive'. In older days these archives were accessed via a text based interface similar to the AmigaDOS shell. It didn't take long before graphical interfaces were developed to perform those commands automatically.

AmFTP is the FTP client in the Surfer pack and takes this graphical approach. It looks a little like a miniature Directory Opus. Local files on hard drive of the user's machine are displayed in a window on the left, while the right window

lists the current directory on the remote machine to which you are connected. Once you click on the Receive button AmFTP switches to a download screen with a list of selected files and a progress bar. AmFTP is certainly not unique in this respect. There are other FTP clients but AmFTP is widely regarded as one of the better examples if not the best available. Unlike AmIRC, there is some healthy competition in this field but AmFTP has some strong features which are very useful indeed.

Built in Archie

AmFTP contains a built-in 'Archie' client. Archie is a system whereby you can search FTP archives for particular files by sending a search request to an Archie server. Normally one would use a separate Archie client but now this can all be done within AmFTP. The results are noted and then retrieved by logging in to the site where the files were found. So a



▲ Here's AmFTP logged in to the Imperial College Aminet site. Oh blast, the Wuarchive is dead and there's only a few gigabytes of files to choose from!

Surfer pack user could find any publicly available file or program they desired. The value of such a resource unimaginably.

At any stage AmFTP is happy to be iconified so that it will continue to download the files in the back-

ground. AmFTP also supports special 'ADT' servers. When logging on to those, a recent list of new files will be displayed automatically which is a very handy time saving function. AmFTP A very worthy addition to the Surfer pack.

E-mail client

Voodoo is the Surfer pack's E-mail handling package. Developed quite recently, it doesn't depend on MUI like the former clients but uses a new GUI system called ClassAct. Although this is simpler but faster than MUI, Amiga Technologies have taken some flak for creating a package with two different GUI systems included which will need to run inside the tiny 2Mb memory available on a stock Amiga.

This gripe aside, it's otherwise easy to see why AT chose Voodoo. It's good looking, easy to use and laden with features. It has

built-in support for private PGP encrypted E-mails for the paranoid and MIME attached/encoded files for swapping those Worms custom levels.

Unfortunately Voodoo is hampered in the Surfer pack by a bug which will cause E-mails written when not linked up (off-line) to be lost irretrievably. A representative of AT told me that this bug would be fixed soon and that they would be looking at the issue of providing SMTP mail support. Voodoo has a nice feature of displaying a MIME attached picture inside the message list by simply clicking



▲ Cute, Simple and functional describes Voodoo. It may not be the most complex but it handles attached files nicely and is very easy to use.

on an icon representing the MIME encoded part of the message. It would be difficult to find a more simple and easy to use E-mail package. While it's not

specifically to my taste it is a quality package which once again does the Surfer pack proud and suits the novice market that it is aimed at.

Heartache or cash?

Amiga Technologies have firmly aimed the Surfer pack at novice users who intend to buy an all-in-one Internet solution either complete with an Amiga set-up and a modem or just the software for an existing Amiga system.

The Surfer pack does the job very well indeed, although there are flaws such as the bug which loses off-line mail. I'm satisfied that it's as easy as it's going to get to set up, configure and dial in to one of the many Internet Service Providers around (except for Demon).

On a stock Amiga the function-

ality is going to be serious hampered by memory usage but that's more the fault of the standard 2Mb RAM than anything.

As for existing Internet users or more expert Amiga users, an alternative is to obtain the AmiTCP system, usually found in the form of an all-in installer on many BBSes.

All of the clients in the Surfer pack are available to buy separately (or will be soon in the case of MindWalker). This means that if you are capable of carrying out the complex configuration by hand, you could substitute Inet225 for AmiTCP for a superior set-up. The bottom line is that

existing Amiga users have to weigh cash against an installation nightmare that can all too easily go horribly wrong. There's nothing to lose by trying to set up the free AmiTCP system first (check the back issues of the Wired World tutorial for the details). If that fails, the Surfer pack is a more expensive but highly worthwhile investment. For the less experienced, it's the only current way of getting on to the Internet and so is an essential purchase alongside a modem.

Well done AT, this is Amiga's biggest step in the right direction since the A1200. ■

Mat Bettinson

Amiga Surfer (software bundle)

system requirements:

Any Amiga with 2MB of RAM or more and KS 2 and above

ease of use 88%

It's as easy to use as Internet software gets on the Amiga at this time.

performance 91%

Each of the provided clients are among the best in their fields. Excellent.

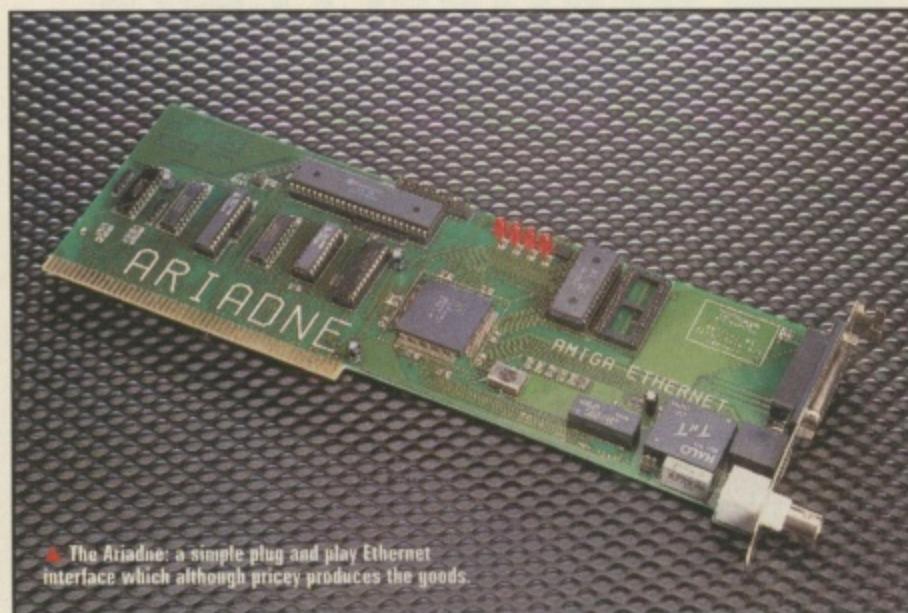
value for money 72%

Considering most of the software is cut down versions of shareware or commercial packages, it should be a lot cheaper than this.

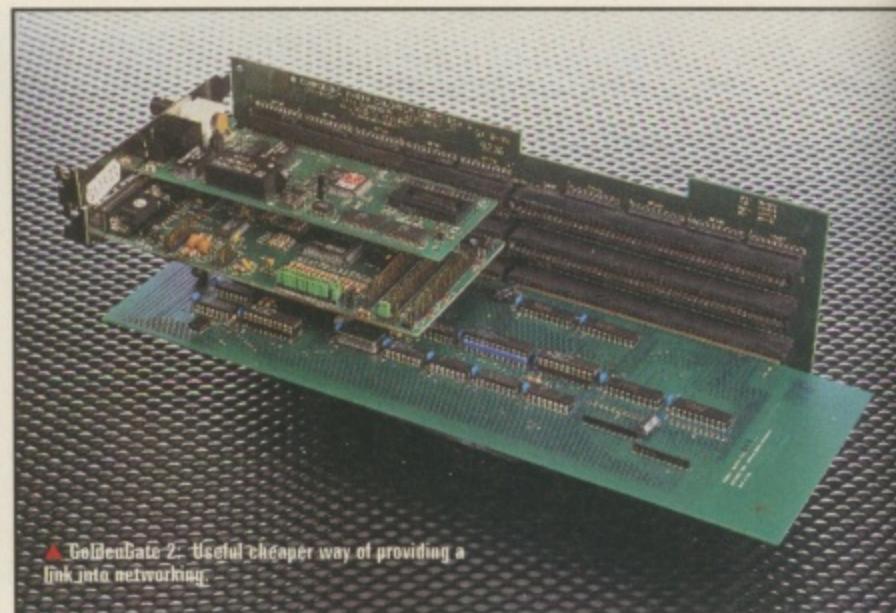
OVERALL

A step in the right direction. Good, easy to use net bundle.

84



▲ The Ariadne: a simple plug and play Ethernet interface which although pricey produces the goods.



▲ GoldenGate 2: Useful cheaper way of providing a link into networking.

Ethernet on the

High-performance networking hardware on the Amiga might not be as scarce as you would think. We check out two options

The Ariadne

■ Price: £199

■ Developer: Village Tronic GmbH

■ Supplier: BlitterSoft

■ Tel: 01908 261466

The Ariadne is a simple, plug-and-play Ethernet interface which works well. As a test I copied a large file to a PC running

Windows95, and the transfer rate was a very respectable 444 Kb/second. It is a very useful card and although priced higher than its PC equivalents, it is still strongly recommended.

The Ariadne hardware is a single Zorro II card which can be placed into any free socket on an A2000, A3000 or A4000. There

were no problems using it with an third party Zorro expansion systems, so lucky A1200 owners should be fine. It comes from the same stable as the Picasso video card and the only distinguishing feature is a bank of four red LEDs (light emitting diodes) which flash when data is sent or received and so may be useful in tracking down errors in your set-up.

The business end of the card features three connections: a standard printer style 25way female connector, a BNC-twist style plug and an RJ11 socket. These last two are for connection to the Ethernet leads and the printer-style socket looks like a printer socket because that is exactly what it is.

The supplied disk of software contains several main elements: the network drivers, some networking software tools, the Envoy network software (v1.6) and software to drive the parallel ports.

The network drivers are totally SANA_II compliant, which means they can be used with any existing Amiga networking software, including the excellent (although Amiga only) Envoy system.

The network tools will keep an eye on the number of packets of data passing by, and the parallel port software creates two new printer ports which you can use from any program which allows you to select the printer port by name. This includes parallel port networking software. The second



▲ With AmiTCP running over Ethernet, you can use an Amiga XWindows system (such as AmiWin) to display X sessions on remote computers.

printer port is available on the card as a bank of pins, and these can be brought out to the rear if you really need three printer ports on one Amiga.

That's really all there is to this card. Recommended. ■

John Kennedy

The A1200 Ethernet Problem

Trying to find a way to provide an A1200 with Ethernet is extremely hard without resorting to an expensive solution involving a Zorro slot expansion system. Although the PCMCIA slot on the Amiga is a recognised standard, no-one seems to have developed the necessary software to drive the PCMCIA Ethernet cards which are available for notebook PCs.

The AmiLink networking system reviewed in the January 1996 issue made use of the floppy disk drive socket and presents a standard SANA_II interface. Similarly, Liana is a SANA_II compatible networking solution which makes use of the parallel (printer) ports. Parallel ports aren't particularly fast but they are a cheap way of doing things and a lot better than nothing. Some PD software on Aminet also aims to provide a SANA_II system using parallel ports so it's worth a search for a program called 'magPLIP'.

All these systems could therefore run Envoy, or alternatively run AmiTCP and connect to another Amiga. This Amiga in turn could have an Ethernet card and act as a gateway into a LANs full of PCs, Apples and even a link to the Internet. Sounds complicated? Too right!

The Ariadne

System requirements:

A500	ease of use	90%
A500+	True plug and play. If you want to connect two Amigas, it's only a matter of following the installation instructions.	
A600	performance	95%
A1200	Nippy performer which proved reliable in day-to-day use.	
A1500	value for money	70%
A2000	Compared to the price of a PC Ethernet card, the price is high. However, how many other dedicated Amiga ethernet cards are there?	
A3000	OVERALL	
A4000	A dedicated Amiga card bundled with excellent software.	86%

What is Ethernet?

Ethernet is a communication standard which has been around for many years. It's used to create 'LANs' or Local Area Networks from a pool of PC or Apple machines in an office. A LAN allows the machines to share printers, files and send electronic mail messages to one another. There are two cabling standards, 10Base-2 and 10-Base-T. The most commonly used in small set-ups is 10Base-2, which uses low-cost co-axial cable. Machines are all linked to each other in a line and special 'terminator' packs are attached to the each end of the cable. Each card has a unique hardware address and each machine has its own unique identity as well. Data is sent in packets and each packet contains the ID of the receiver. Therefore only the data which is meant for the particular machine is intercepted. Ethernet is said to transfer at 10Mbit/s, which is faster than modems but isn't the fastest networking technology available.

Amiga

The GoldenGate 2

Price: £129.95 (£165 including NE2000 Ethernet card)
Developer: Software Results Enterprises
Supplier: Eyetech Group
Tel: 01642 713185

A gateway to cheap hardware? That's the premise of the GoldenGate 2 card. It works by bridging the Amiga and PC expansion slots present in the 'big box' Amigas. Originally these slots were for the 'Bridge Boards' which had a complete PC computer on a card but the GoldenGate has only the electronics necessary for the Amiga to send signals to any PC

hardware attached.

Typically you can use the PC slots present to plug in standard PC I/O cards, modems, and of course, Ethernet cards. In my system I have been using the GG2 to drive a I/O card (providing an extra serial port for an external modem and parallel ports) and a network card. The hardware you can use depends on the drivers supplied, and currently support is included for serial and parallel ports, IDE hard drive interfaces and support for NE1000 (8-bit) and NE2000 (16-bit) Ethernet cards. As PC Ethernet cards are cheap, the GG2 represents a very real way of connecting your Amiga to a LAN.



▲ With TCP/IP all things are possible! Here is Amiga CUSeeMe running on the Workbench, being fed via Ethernet from the PC. Just who is that handsome chap?

Many Ethernet cards swear blind they are NE2000 compatible, or 'true NE2000 clones'. Be careful! Many cards no longer have jumpers on them to set the IRQ and Memory address. Instead they rely on utility software to make changes and store them in special memory: this presents problems for Amiga owners. PCTask claims to support any hardware on the GoldenGate 2, but programming an Ethernet card may be beyond it. Experiments with Netware Lite and PCTask 3.1 proved unsuccessful.

The GG2 has no support for the PC's DMA system. This rules out any hardware using DMA and this includes Soundcards. Rumours of a driver for PC video cards have also been circulating but at this stage they seem unlikely ever to appear. The serial port driver is excellent and will drive both internal and external modems. I have been using it with the superb USRobotics Courier and have achieved excellent data rates.

However, the ability to use a PC Ethernet card could be the deciding factor in choosing to buy a GG2. My system has been working happily for many months, and using the same test file as with the Ariadne, the GG2 and NE2000 card

had a data rate of 397 Kb/second.

The GoldenGate 2 is a useful item of hardware at the right price and if you have some slots spare in your Amiga, you should consider it. The only snag is that older A2000s may not be compatible and all systems must have a processor with a MMU included. You'll need to make sure you have slots free: if you already have a few Amiga cards you may need to splash out on a Tower system. ■

John Kennedy

The GoldenGate 2

system requirements:
 OS2, Zorro II/PC processor with MMU

A500	ease of use.....	83%
A500+	The hardest part is inserting the card (mine was rather a tight fit), although the device driver software can be intimidating for beginners.	
A600	performance.....	92%
A1200	Novelty value alone is high, as it makes certain PC cards available.	
A1500	value for money.....	90%
A2000	A potentially very useful product at the right price. And this is right price. What a bargain.	
A3000	OVERALL Sounds like a bit of a bodge but works very well indeed.	
A4000	88%	

SANA_II and AmiTCP

By default, the Amiga can't network. There is (currently) nothing in the operating system to support it. It needs help and one solution was the creation of the SANA_II networking standard. SANA_II is in the middle ground between software and hardware. If the networking hardware comes with SANA_II drivers and the networking software can support SANA_II, then operation is transparent.

Both the above networking solutions are excellent examples. Both come with SANA_II drivers and will therefore work with any software which is SANA_II friendly. If all the machines you are connecting are Amigas, then you may as well use the excellent Envoy networking software. Envoy runs on anything which supports SANA_II and is a

first class piece of work and provides everything from directory security to shared printers. Release two of Envoy is available from Blittersoft.

Although networking two Amigas via Ethernet is useful, why stop there? Ethernet is a cross-platform standard so once your Amiga can understand it, all sorts of things are possible. To start with though, you'll need to speak using a standard protocol. The Ariadne comes with a driver for a Novel Network client, but sadly obtaining the client software itself is difficult as the producers, Oxxi, don't seem to be with us anymore. A more useful solution is TCP/IP, the networking software often used for Internet connections. AmiTCP is the main Amiga implementation (others are available), it fully supports

SANA_II and so it is only a matter of configuring some software settings to make use of the Ethernet hardware.

With the combination of TCP/IP and Ethernet, your Amiga can slot into an existing network very well. For example, you can connect it directly to a PC running an operating system such as Windows95 or Linux. You can then use Telnet, FTP and other networking tools to send and receive files. A freely-distributable package called Samba will even make it possible to make PC hard drives appear on the Amiga Workbench and vice versa. Once of the most impressive things I've achieved is using a XWindows system on the Amiga to display a game of Doom running on a Linux box. Only TCP/IP makes this possible ...

SOFTWARE 2000

We stock over 6500 QUALITY PD & SHAREWARE

How to order

To order any disk just write the disk title and the disk code, EG U01 Agene. Some titles have a number in () this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE name will do.

**ALL DISKS ARE COMPATIBLE
WITH ALL AMIGAS UNLESS STATED**
AGA Disk means for A1200/A4000 only

Price.....99p per disk

Please add 70p to total for postage & packaging

Pack price as stated. All Orders Same Day Despatches

For the very latest catalogue disk please add 70p

**MAKE CHEQUE/POSTAL ORDER
PAYABLE TO: SOFTWARE 2000**

SEND TO (ADDRESSES TOP RIGHT)

99P

PER DISK + CHOOSE 1 FREE DISK
WITH ORDER OF 10 OR MORE DISK

OVERSEAS POST & PACKAGE RATE

(Europe add 25p per disk for P&P)

(Worldwide add 50p per disk P&P)

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIBUTORS
YOUR ORDER WILL BE SAME DAY DESPATCH VIA FIRST CLASS POST

SOFTWARE 2000

DEPT (CU)

8 Falcon

Wilnecote

Tamworth

B77 5DN

ENGLAND

TEL: 01827 287377

SOFTWARE 2000

DEPT (CU)

9 Wills Street

Lozells

Birmingham

B19 1PP

TEL: 0374 678068

TEL OR FAX: 01827-287377

SOFTWARE2000

FREE

MOUSE MAT worth £2.99

FREE MOUSE MAT worth £2.99 with every order £12 or over. To claim your free mouse mat just cut & return this token with your order + enclose an extra 38p stamp to cover the mouse mat postage & package. Offer only available with this token (limited 1 mouse mat per order exclude any other offer)

You may choose 1 FREE disk if mouse mat not required

*****AMIGA ESSENTIAL*****

DISK CLEANING KIT

Complete with disk & cleaning fluid

£2.99 *

Quality MOUSE MAT

£2.99 *

10 blank disks & 10 labels

£4.99 *

50 disk protector sleeve

£0.99

* special offer £1 off if you order 5 or more pd disks

music

M001 BEASTY BOYS-Wu-Wu! West Some Pussy songs

M002 MICHAEL JACKSON-song BAD

M003 DO THE BART MAN

M005 100 C84 TUNES (not A1200)

M006 BAT-DANCE REMIXED

M017 GUNS & ROSES-YOU'RE CRAZY.

M018 THE XMAS SONG (disk) very funny

M025 MONEY FOR NOTHING-DIRE STRAITS HIT song

M027 BLUES HOUSE (2 disks)

M034 C55 GAMES MUSIC

M115 MAHONEY & KAKTUS 2 - 40 tunes compilation

M125 AMBASSY FAMILY

M147 BANGLES - Walk Like An Egyptian

M150 TIFFANY-I Think We're Alone Now

M171 MADONNA - (Like a) Virgin

M173 JANET JACKSON - RHYTHM NATION

M177 PET SHOP BOYS

M184 SAM FOX - (PLEASE ME)

M186 MADONNA - (RESUME ME)

M188 JOE LE TAXI

M189 MICHAEL JACKSON (SMOOTH CRIMINAL)

M194 JESUS ON ES (2 disks)

M205 RAVE - more Rave

M202 A TO Z OF C64 GAMES MUSIC (4) brilliant

M314 DICK TRACY (mudsons) (2)

M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

PRINTER-STUDIO excellent print results

PRINT-ABELS print disk labels, stickers, spacer etc

PRINT-ABELS print disk labels, stickers, spacer etc

STAR PRINTER STUDIO - For all star printers

SEIKO STUDIO - For all Seiko printer more specific

printer driver for the above printer

PANASONIC STUDIO - 9 & 24 pin printer driver & util

CANON PRINTER STUDIO (not A500) (1)

PRINTER STAR 24/200 FONT DESIGNER - shareware

CITIZEN PRINTER MANAGER for all Citizen printer

owners complete printer driver & drivers

CANNON PRINTER STUDIO for all models for use with cannon printers

150+ PRINTER DRIVERS largest collection

VIDEO TITLER/TOOLS

VIDEO NOTE database for your video collection

VIDEO APPLICATION (2 disks) many video titler prog

VIDEO TOOL (2) loads of video util. Recommended

TELESUBTITLE - new video titler

VIDEO MAXIE V4.30 The latest in video

DESKTOP VIDEO 1 & 2 (best video titler tool)

cataloguing system. Dozens of functions

1071 TELE-TITLER - Great new VIDEO titler

VIDEO TITLER (2 disks) more VIDEO TITLER-BEST

TELESCRILL (2 not WB1.3) Easy to use Video titler

loads of features

1021 WEDDING VIDEO ANIM (2 disks) Requires D.Paint

3/4 Very high quality

1022 CAPTION MACHINE excellent video titler

1023 VIDEO MANAGER (not A500 1.3) Video Cataloguing system

1025 VIDEO TITLER - very good video titler

1026 101 GAMES PK 3

new 101 pack 3 contains over 100

games. run on all Amigas only £11.99

offer buy any 2 pack together & receive

a free £4 token for use with next order

*this offer cannot be used with any other

offer current & subject to condition apply

1027 RAG TO RICHES - like MONOPOLY

1028 WIPER CRUISE (not WB1.3 only)

1029 SYSTEM DEFENDER-Billent driver

1030 AMIGA-BOY-Gamer boy emulator + tetris

1031 DEATHBED - (not A500) Recommended

1032 OVERLANDER-Billent Space MOON ALERT

1033 SERIOUS BACKGAMMON-The best in PD 93

1034 101 GAMES 2 PRICE ONLY £10.99

This is the very best of new 101 games compilation

pack 2 contains the very best in PD games 1 to 2.

Wander, Dragones etc. Much to say is

COMPATIBLE WITH ALL AMIGAS

All games are selectable from an easy to use menu & most games come with full playing instructions

G771 STAR WOK (2 Disk) brilliant Thrust

G772 UN-SENSIBLE SOCCER very similar to Sensible soccer

games. RECOMMEND

G773 FRUIT MANIA-Brilliant fruit machine

G774 TRICKLE TREAT -like DOOM on the PC

G775 FOOTBALL MANAGER-new version

G776 ZELD-A-DOOM 3D Wing Commander

G778 SEEDS OF DARKNESS-brilliant graphic adven

G779 NANO FLY Super explore game RECOMMEND

G780 THE GREAT GOLD RAID- very addic

G781 ZANTAR V1.9 (not A500) not 1.3

G782 ZEN-MORPH Great graphic

G783 TASK FORCE very good MIND SHADOW clone

G784 GREEN FIVE Amazing 3D graphic game

G785 ENGINE MACHINE very challenging puzzle

G786 MEGA BALL 2 very playable break out clone

G787 BOUNCE & BLAST brilliant platform 10/10

G788 ZOMBIES & DEFENDER 2 fantastic games

G789 MERCIANER SIMULATION 3D war games

G790 LIFE -simulation very interesting

G791 TRANSPLANT dozen of level fast arcade

G792 KLAUNZ - THE 3D Platform game

G793 SWELL - THE 3D Wing Commander

G794 SEEDS OF DARKNESS-brilliant graphic adven

G795 NANO FLY Super explore game RECOMMEND

G796 POWER TETRIS for 2 or 2 player

G797 SUPER SMASHING TETRIS

G798 CHESS & CHECKER One of the best around must for all

CHESS or CHECKER player

G799 GRAVITY FORCE 2 or 2 player thrust clone

G800 THE LOST CITY

G801 SWINDLE - 3D Graphic adventure

G802 POWER TETRIS for 2 or 2 player

G803 BATTLESHIP 3D

G804 DODGE & JOSTLE brilliant graphic adventure

G805 DODGE & JOSTLE brilliant graphic adventure

G806 ALIEN NET WORK-new Space invader

G807 BATTLE FORCE excellent tet adventure

G808 GUNI CHESS the best chess with 10 level

G809 SWINDLE - 3D Graphic adventure

G810 POWER TETRIS for 2 or 2 player

G811 SUPER SMASHING TETRIS

G812 CHESS & CHECKER One of the best around must for all

CHESS or CHECKER player

G813 GRAVITY FORCE 2 or 2 player thrust clone

G814 DODGE & JOSTLE brilliant graphic adventure

G815 BATTLESHIP 3D

G816 ALIEN NET WORK-new Space invader

G817 BATTLE FORCE excellent tet adventure

G818 GUNI CHESS the best chess with 10 level

G819 SWINDLE - 3D Graphic adventure

G820 POWER TETRIS for 2 or 2 player

G821 BATTLESHIP 3D

G822 DODGE & JOSTLE brilliant graphic adventure

G823 BATTLESHIP 3D

G824 DODGE & JOSTLE brilliant graphic adventure

G825 BATTLESHIP 3D

G826 DODGE & JOSTLE brilliant graphic adventure

G827 BATTLESHIP 3D

G828 DODGE & JOSTLE brilliant graphic adventure

G829 BATTLESHIP 3D

G830 DODGE & JOSTLE brilliant graphic adventure

G831 BATTLESHIP 3D

VARIOUS PACK

Any pack comes on 5 disks only £4.95 per pack

COLOUR FONTS pack (1 or Pack 2)

MONO FONTS Pack (1 or Pack 2)

High quality fonts for use with DPaint or Personal Paints

VARIOUS CLIPART pack (1,2,3 or 5)

COLOUR WORLD MAP (Pack 1,2 or 3)

High quality world map

COMPUTA-GRAFIC FONT (Pack 1,2,3,4 or 5)

High quality font for WORDSWORTH or any DTP

IMAGINE VARIOUS OBJECT (Pack 1,2 or 3)

REAL 3D VARIOUS OBJECT (Pack 1,2 or 3)

LIGHTWAVE VARIOUS OBJ (Pack 1,2 or 3)

TRUE FONT FOR ABOVE (Pack 1,2 or 3)

Please state for which pack above)

We also stock many more packs. Please Phone

COMMODORE C64 V3



The very latest version. Now you can play real Commodore C64 games on your Amiga! All pack below are complete & ready to play directly on your Amiga. Printed instruction provide

C64 & 45 original games £4.99

C64 & 100 original games £8.99

C64 & 200 original games £16.99

Ps. C64 & 100 games pack got 88% review in Amiga Shopper Issue 54

ZX SPECTRUM 48K

Now You Can Play 100s + 100s Of Spectrum 48K Games on Your Amiga. Any Pack Below Is Complete & Ready To Run On Your Amiga. Full Printed Instructions Provided

SPECTRUM & 50 GAMES PK1 ONLY £4.99

SPECTRUM & 100 GAMES PK2 ONLY £7.99

SPECTRUM & 200 GAMES PK3 ONLY £11.99

SPECIAL OFFER

Take All 3 Packs Above & 50 New Spectrum Games For Only £19.99

More spectrum games available
<---- screen shot from AMIGA

Special offer

C64 & 45 games pack

Spectrum V2 & 50 games

Vic20 & 30 games

All 3 packs for only £9.99

SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES pack

See left for details. This pack come on very large number of disks. rp £39.99

NOW ONLY £29.99

+ £2.45 for parcel postage (this is due to the large number of disks in this pack)

AGA A1200 & A4000 ONLY

THIS LISTING ARE FOR USE WITH AGA AMIGA

AGA001 EXTENSION DEMO Stunning demo, fast landscape anim and a rotating city, regard the best AGA demo

AGA002 FRACTAL GENERATOR fractal in 256 colour

AGA003 WORKBENCH HACK many hack/tv/blaster ect

AGA008 NEW SUPER KILLER know know & kill over 316 type of

that must for all A1200 owner

AGA007 MINDWARP very first demo for the A1200

AGA008 KLONDIKE DELUXE AGA (3D) the best A1200 cardgames

100s of gamours lady as cards face 18 + only

AGA011 SLEEPLESS NIGHT 3

AGA012 PLANET GROOVE Truly A1200 Demos

AGA013 MOTOR INVADER 2 (2D) Brilliant INVADER game

AGA015 POINT OF SCALE Great A1200 only demos

AGA016 CHROMAS Fairly good demo

AGA017 WORLD OF MANGA (40DISC) magnificent Japanese comic book show include Japanese Chick ect recommend

AGA021 MAGIC WORKBENCH Improve the look of your WB& add some function to your WB really BRILLIANT

AGA022 WB 3 UTILITIES load of WB 3 only utilities

AGA023 U-CHESS the best chess program games sofar but require negotiations. Brilliant graphic

AGA024 WORKBENCH 3 SCREEN Great back drop

AGA041 ADULT SLIDE Vol 1-9 (2 disk each) see below

AGA042 BODY SHOP Vol 1-7 (2 disk each) see below

AGA043 FITCHICK Vol 1-3 (2 disk each) see below order any disk

use just state disk code & volume no? (remember 2 disk per vol)

DEGRADER

AGA090 A1200 FIX DISK COLLECTION 1

AGA091 A1200 FIX DISK 2 COLLECTION 2

AGA094 RELOCKIT V1.4a latest. run A500 SOFTWARE

AGA096 A1200 FIX DISK VOL 3 (new July 95)

All disk above are design to make any old A500-A600 Amiga program/games ect to run on your A1200/A4000

MUST FOR ALL AGA AMIGA OWNER. RECOMMEND

AGA097 A1200 UTIL - AGA TESTER, SYSINFO ect

AGA098 ACTION REPLAY V4 Complete ACTION REPLAY

AGA099 MADFIGHTER 2 brilliant street fighter clone

AGA100 AGA BLITZ SCREEN BLANKER

AGA101 FAST GIFF 2 display GIFF pic in Workbench.

AGA102 AGA DIAGNOSTIC - NEW system tester

AGA103 BLACK BOARD AGA decent Image processor

AGA105 QUICK GRAB AGA - grab AGA screen PICTUREAGA10

WORLD BEYOND 1 (3) stunning 256 COLOUR

fantasy art.

AGA114 SMELL LIKE CHANEL NO5 brilliant demoray trace picture

on release on the A1200

AGA121 MAGIC FACTORY 1 STAR TREK (5 disk)

AGA133 AGA UTIL v1&2 (2) AGA util compilation

AGA135 AGA UTIL V3 & 2 (2) more of above

AGA137 MULTIBOOT- 4 various version A500 EMU

AGA139 WB3 HARDDISK PREF & INSTALLER

AGA140 CROSS DOS PLUS v5.1 read/write PC files

AGA146 KELLOG LAND - brilliant platform games

AGA150 ACTION REPLAY V5 - NEW UP DATE TO V4

AGA160 GIGER TRIZ very playable 256 colour tetris

AGA162 FATAL NEWB STREET-FIGHTER 2 clone

AGA164 CINDY CRAWFORD Vol 1 (2 disk) latest release

AGA166 INFESTATION (3 disk) The ultimate AGA demo

AGA170 CINDY CRAWFORD Vol 2 (2 disk) amazing

AGA172 VIDEO TRACKER AGA-ultimate demo maker

AGA174 MAGIC WB EXTRA Vol 1 & 2 (2 disk)

AGA180 GIF BEAUTIES Vol (11-18) 8 more girls disk

AGA189 FRIDAY AT 8 another brilliant AGA demos

AGA190 ASSASSIN MULTIVISION AGA pic viewing util

AGA192 ALIEN FRENZE 2 player blasting +power up

AGA194 BIG TIME SENSUAL (2disk) SPACE BALL 2

AGA200 MASQUERADE 2disk brilliant puzzle games.

AGA202 RAM JAM 94 it can be done (2disk)

AGA203 EXPLIXIT 2 DEMO new effect welldone.

AGA204 COMPLEX ORIGIN V5 disk require 2 diskdrive

AGA206 TREASURE OF TUTANKHAMUN- education tool

AGA208 LOVE 2 disk-simply brilliant DEMOS

AGA209 AGA UTIL 7 & 8 (2 disk) More USEFUL util

SEE PAGE 1 FOR MORE SOFTWARE FOR YOUR AMIGA

LOTTERY WINNER

EXCELLENT COLLECTION OF VARIOUS LOTTERY WINNER PREDICTION PROGRAM

HIGHLY RECOMMEND

Pack only £4.99

UFO THE CLOSE ENCOUNTER

100s & 100s of real life documents of UFO sightings, kidnappings & Animal mutilation and many more.

Very interesting read 6 Disk set only £5.99

UFO - ALIENS MULTIMEDIA

100s of documented cases on UFO sightings, abductions, Cattle mutilation & many more. Many with photo to back up the claim. some are so secret only released recently by law

9 disk pack only £8.99

CARD GAMES PACK II

FOR ALL CARD GAMES FANS

Portion, Solitaire, Bridge, Klondike etc

then this pack is a must

Only £4.99

This pack contains 5 disks

BUSINESS SOFTWARE

TEXT PLUS 2.2e easy to use word processor

BANKING Home account program

LABEL DESIGNER design your own labels

DATA BASE WORKSHOP 2.1 recommended

DESKTOP PUBLISHING The best PD-DTP available

BUSINESS CARD MAKER (not A1200) brilliant

AGA205 BUSINESS CARD MAKER - Print your own

DATA BASE WORKSHOP 2.1 brilliant PACK

SPREAD SHEET Very easy to use spreadsheet

AGA206 SPREAD SHEET - Very easy to use

AGA207 AGA UTIL powerful database + 4000

AGA208 AGA UTIL powerful database + 4000

AGA209 AGA UTIL powerful database + 4000

AGA210 AGA UTIL powerful database + 4000

AGA211 AGA UTIL powerful database + 4000

AGA212 AGA UTIL powerful database + 4000

AGA213 AGA UTIL powerful database + 4000

AGA214 AGA UTIL powerful database + 4000

AGA215 AGA UTIL powerful database + 4000

AGA216 AGA UTIL powerful database + 4000

AGA217 AGA UTIL powerful database + 4000

AGA218 AGA UTIL powerful database + 4000

AGA219 AGA UTIL powerful database + 4000

AGA220 AGA UTIL powerful database + 4000

AGA221 AGA UTIL powerful database + 4000

AGA222 AGA UTIL powerful database + 4000

AGA223 AGA UTIL powerful database + 4000

AGA224 AGA UTIL powerful database + 4000

AGA225 AGA UTIL powerful database + 4000

AGA226 AGA UTIL powerful database + 4000

AGA227 AGA UTIL powerful database + 4000

AGA228 AGA UTIL powerful database + 4000

AGA229 AGA UTIL powerful database + 4000

AGA230 AGA UTIL powerful database + 4000

AGA231 AGA UTIL powerful database + 4000

AGA232 AGA UTIL powerful database + 4000

AGA233 AGA UTIL powerful database + 4000

AGA234 AGA UTIL powerful database + 4000

AGA235 AGA UTIL powerful database + 4000

AGA236 AGA UTIL powerful database + 4000

AGA237 AGA UTIL powerful database + 4000

AGA238 AGA UTIL powerful database + 4000

AGA239 AGA UTIL powerful database + 4000

AGA240 AGA UTIL powerful database + 4000

AGA241 AGA UTIL powerful database + 4000

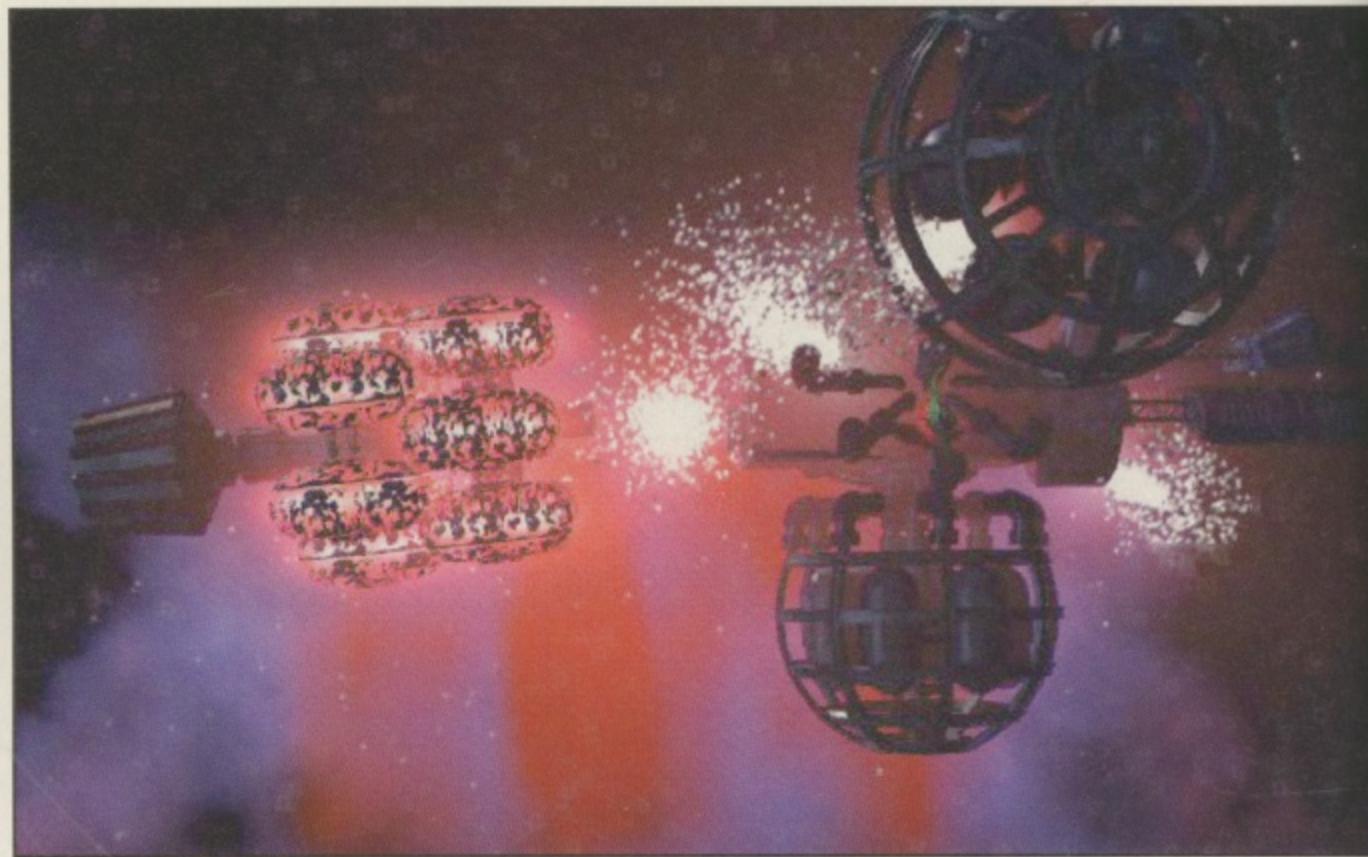
AGA242 AGA UTIL powerful database + 4000

AGA243 AGA UTIL powerful database + 4000

AGA244 AGA UTIL powerful database + 4000

AGA245 AGA UTIL powerful database + 4

Available on CD-ROM only this update of the excellent graphics package, LightWave, points the way forward for Amiga applications. How much power can you pack in one punch? Find out.



LightWave 4.0

■ Price: £695 (new user) £150 (upgrade) ■ Developer: Newtek
 ■ Supplier: Premier Vision 0181 988 8888

LightWave 4.0 is one of the new breed of Amiga power applications that is available only on CD-ROM. Anyone still not convinced that CD-ROM is the way forward only has to take a look at this. Along with the main LightWave program you get over 80Mb of surfaces, objects, scenes and images – everything from a prehistoric cave complete with flickering campfire, to the classic Tyrell Corporation building from Blade Runner. As you can imagine, installing the system from a single CD is a lot less bother than juggling a stack of 800K floppy disks!

Plug-in extras

When you fire up LightWave 4.0 for the first time you could be forgiven for thinking you'd started your old version by mistake. On closer inspection however, the subtle but very important differences start to become apparent.

You'll start to notice small buttons in the various menus referencing 'plug ins'. These hint at the total overhaul the program has gone through. Both LightWave and Modeler (LightWave's own object building tool) have been reconstructed from the ground up with what's known as an 'open architecture'. This means that any third party

developers that can think up cool new features can program their own plug-ins as separate modules that can be seamlessly integrated with the main program.

Therefore we should be able to look forward to things like real world physics, collision detection and particle systems becoming an integral part of the LightWave interface, rather than separate.



stand alone programs. This approach has the combined advantages of making future development easier for the LightWave guys and takes some of the pressure off them by allowing others to continually expand the program's options and features.

The first application of this new architecture becomes apparent when you go to save an image and you're presented with a huge amount of image formats. For the real tech-heads out there, Newtek have also supplied all the

Welcome to LightWave 3D

It's a gratifying thought that in these days of the seemingly unstoppable march of PC supremacy, almost every single major network TV sci-fi show in the United States uses an Amiga-based system as its primary graphics tool. As most of us are now aware, Babylon 5, X-files, Space - Above & Beyond, SeaQuest DSV and the forthcoming Hypernauts all rely almost exclusively on the modelling and rendering ability of Lightwave 3D.

Lightwave first came to the attention of the mass UK Amiga scene two years ago when the pilot movie of Babylon 5 won an Emmy award for "Outstanding Technical

Achievement" for managing to handle the graphics for a two-hour big budget pilot with just eight Amiga 2000s.

The rest of the world got in on the act soon after when Lightwave was released from its dependence on the NTSC-based VideoToaster by a little third party routine called LightRave. Newtek, the manufacturers of the Toaster very quickly retaliated with Lightwave 3.5. Almost overnight, Lightwave became an obligatory piece of software for all serious Amiga 3D artists. Now, little over a year later, Newtek has released Lightwave 4.0.

developer documents necessary for you to be able to write your own plug ins.

User friendly

Don't let all this techno-babble deceive you into thinking that you need a degree in software engineering to be able to use the program. LightWave still has one of the most accessible and user friendly interfaces around. From its inception it has always been designed for ease of use. The menus are simple and concise and construction of your first animation can be accomplished within an hour, even if you've never animated anything before. In fact, its surface simplicity could almost lead you to think that it lacks any real depth or subtlety, but look at your average episode of Babylon 5 and remember, you are using exactly the same piece of software that accomplished that. All the tools are there, and you won't have to dig too deep to find them.

The program itself is split into two separate parts: Modeler and Layout. Modeler is where you construct all of your 'hand-made' objects. This is the one section where the first-time animator might find himself a little lost. The array of tools at your disposal seems almost bewildering at first but the fast and responsive interface makes experimentation easy. Modeler seems to have undergone very little change from version 3.5, although there isn't all that much further you could effectively take it. The addition of 'nurbs modelling' (a kind of freehand drawing approach to object design) would have been nice - maybe we'll see that in the next version. The solid moving view still has trouble working in anything except the default

display resolution, but the addition of a much faster 'frontface' view helps considerably with tracking down those annoying flipped polygons.

Layout improvements

The Layout section is where your models are given surfaces and textures, animated and rendered. It's this section that has been given the most thorough overhaul. The Scene menu now has a handy little feature that can show or hide all bones, lights or objects instantly, and if you're working on a complex scene that can be a boon in clearing up the interface.

The Objects panel has its intriguing new addition of Displacement Map Plug-Ins and Object Replacement Plug-Ins buttons and it will be interesting to see what the third-party developers come up with to fill these. There are also new Unseen By Rays and Unaffected By Fog options, which will be of most use to those power users who are dealing with image compositing and mapping live video into their scenes.

Texture previews

The Surfaces panel now has a preview option which allows you to render any texture onto a sphere before assigning it to an object (as seen in Imagine 4 and Texture Studio). This saves a huge amount of time as you don't need to render the whole object or scene to see the results of your texture settings. Newtek have also upped the number of procedural textures with the addition of the disgusting 'veins' and the wonder-



fully flexible 'crumple', which can give one of the most realistic looking rock textures I've seen outside Vista-Pro. Another addition to the surfacing functions is the new Glow feature, which is likely to become as overused as lens-flares were. This enables you to give an angelic halo effect to any surface group, which will be particularly useful for enhancing plasma and rocket flames.

While we're on the subject of fun and flashy effects, the lens-flares have been given an upgrade too. Hidden in a sub-menu of the Lights panel, the flares can now be fully customised. You now have the ability to tweak the density and streakiness of the surrounding halos, adjust the level of cinemaScope distortion and most importantly, rotate the little beggars. This means that they can now look far more like an integral part of the scene rather than a post-production process effect for lazy animators (we've been guilty of this in the past, myself included!).

Kinematics

Finally we see the introduction of 'inverse kinematics'. This is a complex sounding name for what Imagine users know as 'bones', a system that allows you to connect a number of objects and animate them in a realistic manner. For instance, if you were trying to animate a guy reaching out and pulling a lever, without inverse kinematics you would have to animate his shoulder, then upper arm, then forearm, then hand, and so on, all separately. With IK applied to the

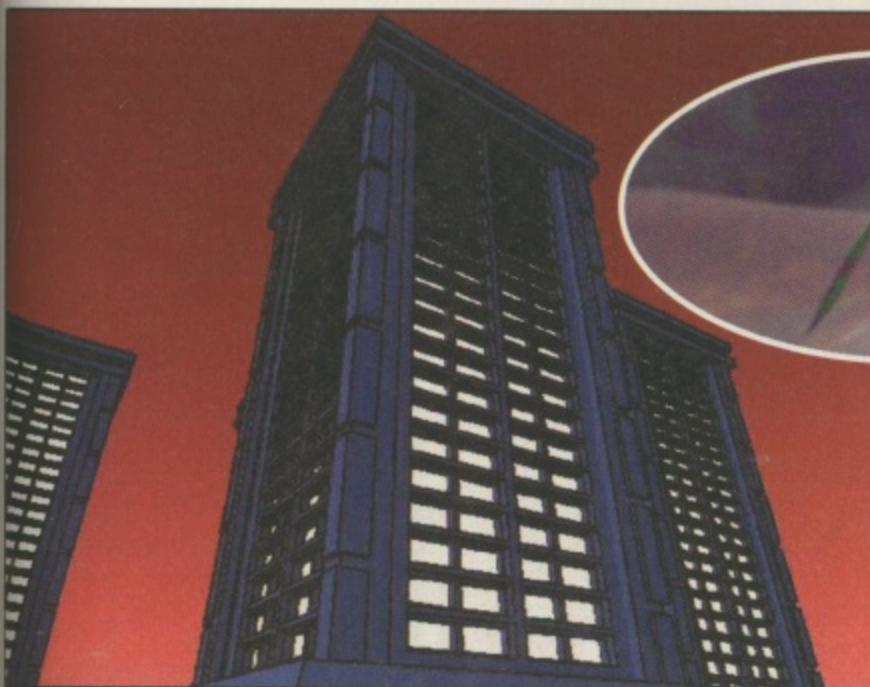
joints, all you have to do is grab his hand and pull it and all the connecting sections will follow along automatically, bending to limits set by yourself. This powerful new feature doesn't take that long to get to grips with and surprisingly, doesn't appear to slow down the interface that much.

Conclusion

LightWave 4.0 is an upgrade aimed squarely at the more experienced animator. Most of the features seem to be aimed at putting LightWave up against the high end competition like Alias, Wavefront and Softimage. I get the feeling that an essentially Amiga-developed software package will be giving the big boys some considerable worry in the future.

LightWave 4.0 is still king of the Amiga rendering scene by a long shot. Let's hope we see the same level of development commitment continue over the next year. ■

John Allardice



LightWave 4.0

A500

system requirements:

Minimum: 8Mb RAM, OS 2, 68020, CD-ROM drive. Recommended: 32Mb RAM, 68060 processor.

A600

ease of use

88%

One of the most friendly 3D systems available, now with new texture previews.

A1200

performance

94%

The king of Amiga 3D without a doubt. The power on offer is stunning.

A1500

value for money

88%

Expensive for private buyers but this is a professional product and offset against a Hollywood budget it's a drop in the ocean.

A2000

OVERALL

The apex of

Amiga 3D

graphics and

animation.

93%

Power Tablet

■ Price: £199.95 ■ Developer: Power Computing
■ Supplier: Power Computing 01234 352207

Frustrated by dodgy mice? The Power Tablet offers a neat alternative.

Despite the mouse achieving world domination at home and in the office, when it comes to freehand drawing it's just not the same as using a pen or a brush. Apart from the problems of sticky rollers and slippery mouse mats, mice were really designed for pushing windows and icons around the screen, not for creating 20th century equivalents of the Mona Lisa. With this in mind, Power Computing have taken a graphics tablet that was made for the PC CAD market and written some Amiga driver software for it.

Mouse emulation

In its default operational mode, the Power Tab is used to move the mouse around the screen. This can be rather disorientating at first, because your instinct tells you to make a number of strokes with the pen across the tablet to move from one side of the screen to the other. However, the position of the pen on the tablet is mapped directly to the pointer's on-screen position. So for example, if you moved the pen away from the tablet, then introduced it at the top left corner, the pointer would jump straight to that corner of the screen. The pen doesn't have to

be touching the tablet for it to register. In fact you only need to touch the tablet when you want to draw or click on an item. The communication between the pen and the tablet is very precise, so even the lightest of touches will register.

There's an alternative to the pen in the form of a 'puck'. This is like a three-button mouse with a crosshair mounted on transparent plastic. This is particularly useful for tracing images or precise transfer of any printed image.

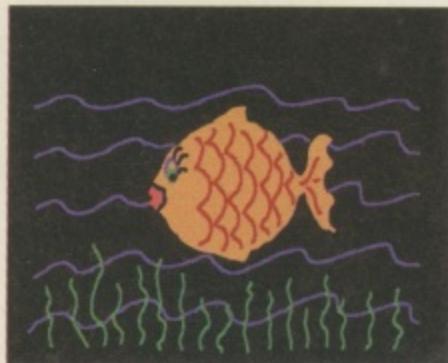
Templates

One of the more advanced features of the Power Tab is its support for templates. By overlaying a pre-defined template on the tablet, certain areas of the tablet can be used to select specific functions of your software, so instead of controlling the menus and buttons with the pen in mouse emulation mode, there are buttons set up on the template which you can click on directly. The tablet is large enough (41cm x 41cm square) to accommodate quite a few function buttons on a template.

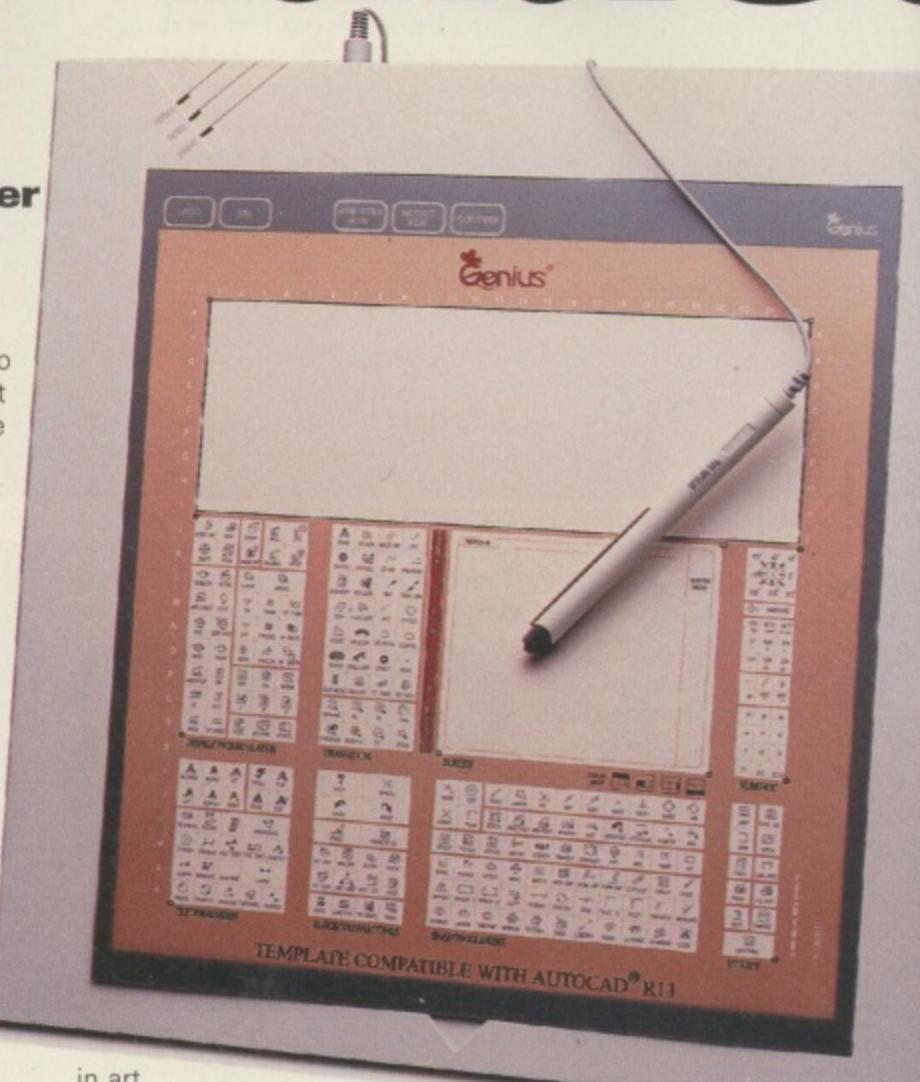
Power Computing have written their own software which allows you to design templates for any program, and this comes with template files for Personal Paint, Deluxe Paint 4 AGA and DPaint 5. Your templates are printed from the Power Template program onto A4 paper in a number of pieces to build up the final template. Hard copy of the DPaint and PPaint templates are also supplied.

Artist's impression

The CU Amiga Magazine editorial team never scored very highly



▲ Here's one we prepared earlier. Art Ed Helen Danby demonstrates her artistic talents on the Tablet.



in art

classes, so we drafted in the considerable talents of Helen Danby, the Art Editor, to give us a professional opinion.

Running on a 50MHz 68030 A1200 with DPaint in super high res interlaced mode, the tracking of the pen is surprisingly fast, easily matching the response time and fluidity of mouse control, allowing for smooth natural strokes.

Compared to similar tablets on other platforms, the Power Tab stacks up well and definitely gets the thumbs up for freehand drawing.

Conclusion

If you've always found that mice hamper your natural artistic style, upgrading to a graphics tablet is a very good idea. Even though some of the support software and documentation is a little rough around the edges, it all works well enough to encourage you back to freehand drawing.

For a well constructed tablet of this size, the price is quite attractive and would certainly be justified by the increased level of precision and control it offers. A good investment for Amiga artists. ■

Tony Horgan

Power Tablet

A500 system requirements:
OS2 or higher.
Hard drive recommended.

A600 ease of use 76%
Simple in its basic modes, although the support software could be improved.

A1200 performance 87%
Fast tracking of the pen and puck leads to responsive feedback.

A1500 value for money 80%
Not too expensive if you're serious about freehand art.

A2000 overall 85%
A great improvement over the mouse for artists.

85 %

7 BIT SOFTWARE

1st Floor Offices, 2/8 Market Street
Wakefield, West Yorkshire. WF1 1DH

TEL: 01924 366982 FAX: 01924 200943
EMAIL: sales@bit17.demon.co.uk
WWW: http://www.demon.co.uk/bit17
Office Hours Mon - Sat 9:00 To 5:30
Answerphone At All Other Times

17 Bit 5th Dimension



£19.99

Contains our most recent PD from disk 3351 to 3870. Something here for everyone!

"Up to 17 Bits high standards....

Covers every aspect of Amiga PD...

3/10 Amiga Computing Issue 94

The selection of software is excellent...

Highly recommended". "Top grade stuff"

88% CU Amiga DEC 95.

ArtWorx £9.99



Thousands of colour images created by computer artists from all over the world. A must for users with a colour printer! Makes ideal colour clipart!

F1 Licenceware CD £29.99



Contains the complete collection of F1-001 to F1-100. This CD is worth well over £500 if the titles included were purchased separately. Superb value!

60 HUGE BASE New Database package

559 PIC-IT Trivia game

558 MIGGYBYTE #5 Amiga Disk Mag

557 REVISION MASTER Revision Help Tool

556 A-GENE V5.0 Superb Genealogy Program

555 LSD LEGAL TOOLS TNG #13

554 LSD LEGAL TOOLS TNG #12

553 LSD LEGAL TOOLS TNG #11

552 LSD LEGAL TOOLS TNG #10

551 WORLD OF FOOTBALL ICONS AGA

550 THIRD DIMENSION #22 Diskmag For 3D Cons. Kit

549 MUI V3.2 Latest Version

548 NESQUIK GAME Excellent Platformer

547 (AB) STARTREKKIN! Humerous Trek Demo!

546 COSMIC BATTLES V2.47 Tactical Game 4MB Req.

545 SLIDER V2.0 AGA Excellent Slider Puzzle Game

544 SCREECH V2.34 Overhead Driving Game

542 LE Annoying Puzzle Game!

541 BRING THE NOISE Ravey Music Demo!

540 WORM MAPS Extra Maps For Team 17's Worms.

539 VMM V3.3 Virtual Memory Manager

538 SWAZBLANKER V2.40 AGA Only Screenblanker

537 SUPERVIEW V5.32 Multi Format Picture Viewer

536 TERM V4.5 Libs, Docs, Extras & Locale

535 TERM V4.5 030 VERSION Ok on 020 / 030 / 040 / 060

534 TERM V4.5 000 VERSION For A500+ & A600

533 (AB) IMAGE STUDIO V2.3.0 Latest Image Processing

532 MASTER BLASTER V2.21 5 Player Dynablaster Clone

531 VIRUS WORKSHOP V5.8 Superb Virus Killer

530 SHAPE SHIFTER V3.3 Mac Emulator

529 ROBS HOT VIRUS KILLERS 3 More Superb Killers

528 PATCHES DISK #2 Photogenics & Final Writer 4 Etc.

527 (AB) AMIGA FRONTIER #4 Amiga Diskmag

526 SPECTRUM SOLUTIONS #1 Speccy game Solutions

SUPERB LIMITED OFFER!
SEND US ANY OF YOUR OLD CD's THAT YOU NO LONGER USE AND CHOOSE ANY 17 BIT CD FROM THE LIST BELOW AT HALF PRICE!
17 Bit Collection - Continuation - Phase 4
5th Dimension - LSD1 - LSD2 - LSD3
Offer Ends 31st May 1996!!

POSTAGE RATES

[UK] Disk Orders 50p CD's 75p Each.
[EU] Disk Orders 10% CD's £1.00 Ea.
[OE] Disk Orders 20% CD's £1.50 Ea.

MAX POSTAGE PAYABLE

[UK] Disk Orders 50p CD's £1.50
[EU] Disk Orders 10% CD's £4.00
[OE] Disk Orders 20% CD's £6.00

ALL ORDERS SENT 1ST CLASS POST / AIRMAIL

ALL OUR AMIGA PD DISKS ARE ONLY

£1.00

EACH

WE WILL
PRICE MATCH
ANY STOCK CD FOUND
CHEAPER ELSEWHERE

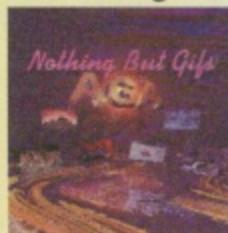
Anime Babes



£19.99
CD32 OK!

This CD contains well over 5000 GIF images in the hand drawn Japanese ANIME tradition. All the images contained are of an ADULT nature and therefore, this title cannot be supplied to anyone under 18. All images can be viewed direct from the CD via a custom menu on PC, Amiga & CD32

Nothing But GIFS AGA



£19.99
CD32 OK!

Fed up with CD's that promise super quality pictures which turn out to be poor 32 or even 16 colour scans? This CD contains only the BEST, all AGA only, 256 colour pictures which cover many areas. Ideal for DTP & clipart but simply amazing to look at! EVERY image included was hand selected for quality. Guaranteed!

WE OFFER AN UNCONDITIONAL 30 DAY MONEY BACK GUARANTEE ON EVERY CD WE STOCK!
IF YOU ARE NOT ABSOLUTELY DELIGHTED WITH YOUR PURCHASE SIMPLY RETURN IT FOR A FULL REFUND

Official Octamed 6 £29.99



Includes the latest version of the best music making program for the Amiga along with 600MB of modules, midi files and samples. Also inc. full Walkabout collection!

**SPECCY '96!
IN STOCK NOW!
£19.99**

Grolier Enc.



£26.99

Aminet Set 2



£24.99

LSD 3



£19.99

Adult Sens. 2



£19.99

SCI FI Sens.



£19.99

Aminet Set 1



£24.99

Arcade Clscs



£14.99

Software 2000



£29.99

Phase 4



£9.99

EuroScene 2



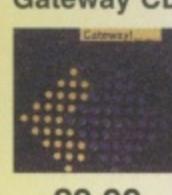
£14.99

Network CD 2



£14.99

Gateway CD



£9.99

MULTIMEDIA 2



£22.99

Assassins 2



£19.99

Amos Release 2



£19.99

GoldFish 3



£24.99

LightRom 3



£39.99

AGA Experience



£19.99

Meeting Pearls 3



£9.99

Aminet 10



£14.99

Visit Our WEB For A COMPLETE CD List With FULL Descriptions Or Download A CAT Disk!!

WWW: http://www.demon.co.uk/bit17

Diavolo

■ Price: Standard 99DM (£45) Pro 1 139DM (£65)

■ Developer/Supplier: Computer Corner ☎ +39-89-714-1034



A sheep in wolf's clothing or a back-up program from hell? The Diavolo is here and boy are we glad.

Back-up packages are like insurance policies – they seem to be a waste of time and money most of the time until disaster strikes and you're left to pick up the pieces. Until recently there was also the hassle of backing up a hard drive to a room full of floppy disks or the expense of forking out on another hard drive to store the back-up. However, new devices such as the Iomega Zip and the Syquest EZ135 mean that backing up is now a far more attractive option: faster and cheaper too.

Good looking

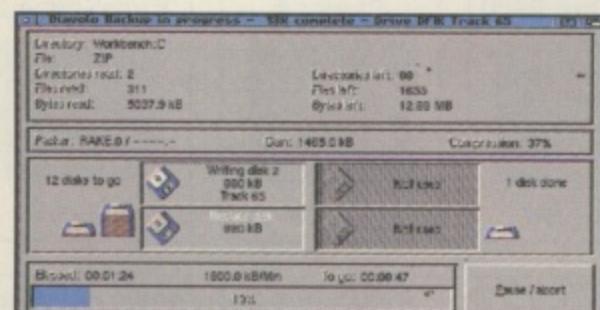
Like many Amiga users I've made do with the PD program AmiBack, so Diavolo would have to be something special to justify the outlay of

this much cash when there's a free alternative. It took all of five minutes to realise that Diavolo is something very special. I'm a sucker for a good looking clean OS compliant GUI. Diavolo's is gorgeous. Who said a back-up package had to look boring?

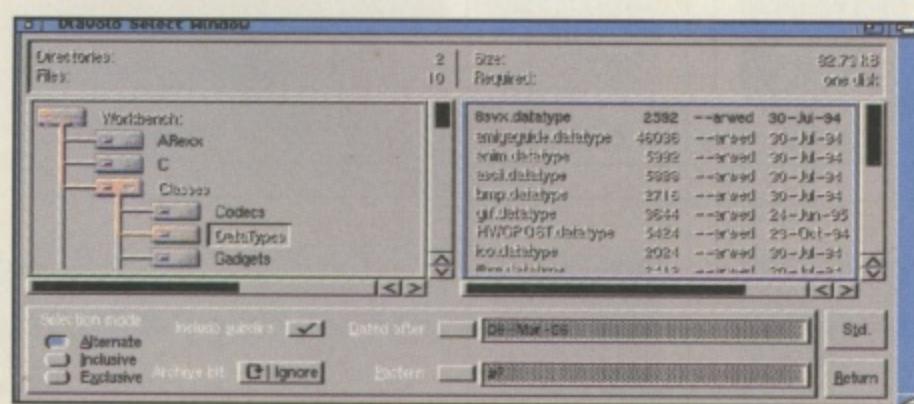
Diavolo is laid out so logically that it hurts. You can back-up to conventional floppy disks (of which DD and HD disks can be mixed) or a single file on any medium or removable direct storage. Back-up and restore preferences are activated from the menus and are so basic I doubt many will need to even refer to the adequate 48 page manual. A powerful query routine is used to discover the characteristics of a device so that Diavolo can learn the layout and then write directly to the device's media for optimum speed. Speed is probably where Diavolo got its devilish name. It's so quick.

The max

The key to Diavolo's excellent performance lies in the fact that it



▲ When backing up to floppies both HD and DD disks can be used.



▲ Diavolo's unique tree listview and powerful pattern matching functions adds to its overall quality.

uses the Amiga's multi-tasking capabilities to the full. When you run Diavolo it sets up three sub-tasks. One reads the device to be backed up, one compresses the data and the last writes it to the back-up medium. Your machine is never waiting around. The CPU is in constant use while drives are busy doing their thing.

Diavolo, like AmiBack, uses XPK for compression. It comes with the FAST and NUKE library though the latter has been superseded by the impressive RAKE library. FAST is for 68000 owners and RAKE for everyone else. I backed up my Workbench partition twice, once with each library. The XPK FAST library only took three minutes 25 seconds and the resulting back-up was 13.5Mb in size. The same operation with the XPK RAKE library took five minutes 26 seconds but resulted in a smaller 11.8Mb back-up.

Oozing quality

File selection and filtering is superb in Diavolo. A directory tree is constructed with pretty MagicWB drawer icons. It's possible to move into the directory structure and highlight any and all files and directories for back-up or restore. The file scan times are astounding! Also, reading the directory structure from a back-up takes just a couple of seconds. When Diavolo is working away it can be iconified to a toolbar which neatly displays the progress.

If opting for the 'Pro' version of Diavolo the extra expense gains the ability to automate Diavolo to back-up at regular intervals. DBScheduler Preferences is akin to sophisticated automatic 'Cron' utilities. It works like this; you configure Diavolo to make a certain kind of back-up by altering the settings. You then save the settings and add them to the event in the



▲ Diavolo's GUI is functional and based on MWB.

DBScheduler package. DBScheduler Daemon should be running, having been placed in your WBStartup directory so it will activate Diavolo according to the DBScheduler preferences. The direct removable media support and image back-up (block by block back-up) is also only in the Pro version though you could still back-up to a file on removable media. The Pro version also adds support for backing up VLab Motion MovieShop projects.

Choice of two

Diavolo is the best back-up package available. It is most likely to be useful for those able to back-up to high capacity storage devices such as Zips and tape streamers. Floppy drives users are probably still better off with the PD AmiBack. Amiga users who do have heavy back-up requirements can choose between the two versions but either way I cannot recommend Diavolo highly enough. I just love this package. ■

Mat Bettinson

DIAVOLO PRO 3.2	
A500	system requirements: Any Amiga with Kickstart 2.x and above.
A500+	
A600	ease of use 95% A case study in how to create an intuitive Amiga package.
A1200	performance 96% Blindingly fast, feature laden and good looking. Yahoo!
A1500	value for money 91% A little too expensive for casual users but an essential purchase for others.
A2000	
A3000	OVERALL A devilishly hot back-up package. Get it now.
A4000	94

United Public Domain Distributors

HARD DRIVE UTILITIES	
PU 686	HD GAMES INSTALLER Installs: Aladdin AGA, Alienbreed 2 AGA, Jungle Strike, MK2, and more
PU 772 HD GAMES INSTALLER 3 Inc: Steel Sky Flashback, Sensi Soccer, Skidmarks 2, and more.	
PU 898	HD GAMES INSTALLER 4 Arcade Pool Assassin, Dazy, KO3 (AGA) Zool (AGA) and more
PU 917 LEMMINGS to HD, SETTLERS EDITOR	
PU 064	HARD DRIVE UTILITIES Backup, fix, etc
PU 548	REORG V3.11 Disk organiser/optimizer
PU 574	DISK SALVAGE v21.3 Recover old files
PU 576	HD CLICK v2.7 Menu system for HD
PU 721	EPU STACKER v1.70 Increase HD storage
PU 668	SECURITY v3.71 Protect your HD
PU 425	MAGIC WORKBENCH Attractive WB
PU 536	M/W EXTRAS PU 704 M/W EXPANSION
PU 824	R. McVEY ICONS Fab 16 col icons for above
PU 835/56 MAGIC WORKBENCH EXTRAS Vols 1-12 Lots of fab icons, etc for Magic Workbench! (24 disks!)	
PU 859	MAGIC SELECTOR Random set-up MWB
PU 890	MR BACKUP PROFESSIONAL V2.1
PU 828	MAGIC USER INTERFACE v2.3 (MUI)
PU 871	ASSIGN MANAGERShelp with those assigns
PU 901/2	MAGIC TREK (2) Lots of StarTrek backdrops
PU 933	DATATYPES Loads of datatypes
GENERAL UTILITIES	
PU 172	WORDPOWER Solves anagrams crosswords etc
PU 204	GATORS TUTORIAL Super D'Paint hints and tips
PU 207	SID2 + MULTIDOS Transfer files: Amiga and PC
PU 230	PRINTER DRIVERS Inc Seskosha, Star, & Citizen
PU 293-317	HAM RADIO SET 25 disks for only £15.00
PU 367	ESSENTIAL PRINTING UTILS Banners, labels, etc
PU 697	TUDE The ultimate degrader and enhancer disk
PU 683	CAPTIONATOR v2.0 TV titler. New fx, fonts, etc
PU 659	SCION v3.13 Genealogy program
PU 728	ICONTOOLBOX v2.12 Icon creation utility disk
PU 761	MAGIC WORKBENCH 1.3 Now for 1.3 (HD)
PU 762	PC TASK v3.10 Latest version of this PC emulator
PU 769/71	MAGIC EYE (3) Make your own magic stereograms
PU 776/7	INTERNET ARCHIVE (2) Programs for Internet
PU 778	INTERNET UTILS 2 More useful programs
PU 799/801	TERM V4.3 (3) Comms program
PU 821	GENTREE v1.5 A new genealogy program
PU 823/3	GRAPHICS CONVERTORS (2) Many are archived
PU 828	MAGIC USER INTERFACE v2.3 (MUI)
PU 860	PROTTILER V2 Useful video titler program

CATALOGUE

Our PD collection is now **HUGE!!** For a full catalogue just send 3 x 25p stamps. Includes a full list of Education, Demos, Utilities, Music Utilities, Business, Animations, Demos, Games, Assassins Games Compilations, Music, Fonts, Business, Clipart, Education, & more!

NEW OWNERS PACK Only £5.00 inc

Compiled for the new Amiga owner or anyone wanting to discover the wonderful world of Amiga PD Pack contains: Word processor, Database, Virus Killers, Disk Copier, Selection of great games, A stunning demo Plus our latest catalogue (8 Disks)(Please state Amiga model)



FLEXIDUMP 3

NO MORE BANDING NO MORE WHITE LINES COLOUR GRAPHICS LIKE YOUVE NEVER SEEN BEFORE

Yes its true the new flexi 3 will remove banding & white lines from dot matrix & bubblejet printers. Now you can have laser quality on dot matrix printers. Other new features include:
 *Balance control for picture enhancement *
 Select area to be printed*Select size to be printed *
 Page Control*Colour Seive * InkCorrection *
 Automatic poster mode for larger than A4 *
 Gamma correction * Spooler for colour letter heads etc * Colour separation * Now with Anti-Aliasing to get rid of jagged edges *
 Large range of dithering (dot pattern) *
 Variable levels of shingling to totally remove banding /white lines.* Colour catalogue function will print a miniature of each picture. Configurable between 1 to 8 across. * Star, Citizen, Panasonic, NEC, Epson, Cannon, Hewlett Packard and just about any dot matrix or inkjet bubblejet/Laserjet printer.

**ONLY £39.95 CARE SPECIAL £29.95
UPGRADE FLEXIDUMP TO FLEXIDUMP 3,
ONLY £14.95 INC. RETURN MASTER DISK**

How to order: Enclose cheques/PO made payable to: CARE PRODUCTS or use Access/Visa

CARE PRODUCTS

Dept CUA, 15 Holland Gardens, Garston, Watford, Herts WD2 6JN Fax 01923 672102

ORDER LINE ON 01923 894 064

ALL PRICES INCLUDE VAT AND CARRIAGE



Save £2.50 On PD purchases over £10

For example: 10 x PD inc postage, normal price: £10.50.
With voucher price Only £8.00 inc. Discount must be claimed with your order! Please cut out and include, or send a copy, or even a drawing we don't mind! Phoning in your order? No problem simply claim the discount when ordering.

HORIZON SOFTWARE

TOUCH TYPING TUTOR	Best tutor around	£3.50
A-CHORD	Guitar chord tutor	£3.50
FAST FRET	Speed your fingers. Various scales	£3.50
DRAGON TILES	Brill Shanghai/Majong game	£3.50
WINNING POST	Horse racing inc commentary!	£3.50
LETS LEARN 2	Educational games pack	£3.50

UPD COLLECTION ON CD

Back in stock, complete UPD library on 4 CDs. All disks stored in DMS format. A complete library for only £25.99

ASI GAME COMPILATIONS

The best selection of PD games ever. A list of the very best.
PLEASE NOTE: The odd game will not work on certain Amigas
ASI 14 China Challenge, Columns
ASI 27 Assorted card games
ASI 36 Wonderland, Donkey Kong
ASI 46 Checkers, Ouch!, City, Amiga Q
ASI 60 PipeMaster, Hunter, Chinese Checkers
ASI 65 Paranoids, Chess, Word Puzzles
ASI 70 Wangle & the best Tetris
ASI 71 Numerix, Battleships
ASI 89 Megaball 2.1, Cluedo
ASI 96 Dungeon Flipper, Backgammon
ASI 158 Scrabble, Toad, VChess2
ASI 168 Dyna-Warriors, Ludo
SPECIAL Any 6 of the above...£5.00
OFFER..... All 12 of the above...£8.00

ORDERING DETAILS

Send your order plus your name, address, (BLOCK CAPITALS PLEASE!) and a cheque or P/O to either of the PD libraries in this advert. Cheques should be made out to that company. For super fast results you may phone in your order with your ACCESS or VISA card number. Delivery should be NEXT DAY!

PD PRICES All PD now only £1.00 (minimum order £2.00 inc postage)

POSTAGE Please add 50p to the total price, to cover postage and packing (UK only)

OVERSEAS ORDERS WELCOME

EU: Add 25p per disk post. World: 50p per disk.

LAST MINUTE BARGAIN

A500 or A600 (State which) dust covers only 99p

NBS PD
132 GUNVILLE ROAD
NEWPORT, IoW
PO30 5LH
TEL 01 983 529 594
FAX 01 983 821 599

BLITTERCHIPS PD
CLIFFE HOUSE, PRIMROSE ST.
KEIGHLEY
BD21 4NN
TEL 01 535 667 469
FAX 01 535 667 469

COLOUR PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one. Full instructions supplied.

Complete Ribbon	One Reload	Five Reloads
Citizen Swift/ABC/224	£11.95	£6.99
Panasonic KXP2123/2124/2180	£9.99	£6.99
Panasonic KXP2135	£9.99	£6.99
Star LC200 9 Pin	£9.64	£5.99
Star LC24-10/20/200	£9.64	£6.99
Seikosha SL95	£14.95	£6.99
Star LC24-30/LC240	£8.99	£4.95
		£19.99

INKJET REFILLS

For HP DESKJET 500,510,520,550,500C,550C,560C
EPSON STYLUS 800,1000, CANNON BUBBLEJET, BC-01, BJ105/EX/SX, BC02,BJ200,BJ130,BJ300,BJ330
OLIVETTI JP150,250,330,CITIZEN PROJECT
6 Refill Kit 120ml pure black£16.99
CANNON BJC 600, BJC4000
20 Refill Kit 120ml pure black£16.99
EPSON STYLUS four refills 120ml pure black£16.99
TRICOLOUR REFILL KITS FOR: HP DESKJET RANGE, CANON BJC600, BJC4000 etc 10 Refills of Yellow, Magenta & Cyan 180ml£24.99
EPSON STYLUS TRICOLOUR refill, 4 refills of Yellow, Magenta & Cyan 180ml£24.99
Print Head Recovery Fluid for unblocking nozzles£5.95

Important: Please state type when ordering.

SPECIAL RE-INK

For Panasonic 1080/81, 1124, 1180, 2123, 2135, Star LC200 9 Pin, Epson LQ100, Oki 182/390. Black bottle will re-ink 100+ ribbons£9.95

BLACK PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one.
 Citizen Swift/ABC/120D 5 black reloads£9.99
 Star LC10/20/100 5 black reloads£4.99
 Star LC24 Range 5 black reloads£9.99
 Seikosha 1900/2400/SL95/96 5 black reloads£9.99
 Epson FX80/LQ800 Range 5 black reloads£11.99
 Star LC24-30/LC240 5 black reloads£14.99

T-SHIRT PRINTING RIBBONS

PRINT ON NORMAL PAPER IRON ON T-SHIRT

4 Colour Citizen Swift/ABC/240	£19.99
4 Colour Citizen Swift (Reload)	£9.99
4 Colour Star LC10	£10.99
4 Colour Star LC200 9 Pin	£12.99
4 Colour Star LC200 9 Pin (Reload)	£7.99
4 Colour Star LC200 24 Pin	£19.99
4 Colour Star 24 Pin (Reload)	£9.99
1 Colour Star LC10	£9.99
1 Colour Star LC200 9 Pin	£9.99
1 Colour all Star 24 Pin	£9.99
1 Colour Epson FX80/LQ400/MX80	£9.99
1 Colour Epson LX80	£9.99
1 Colour Panasonic KXP 1080	£9.99
Wide range of other ribbons available.	

COLOUR KITS for MONO PRINTERS

Ever wished you'd bought a colour printer instead of a mono one? Wouldn't it be nice to print out pictures in colour? Now you can with Amiga "Flexicolor Kit". Each Amiga Flexicolor Kit comes complete with everything you need to print in colour, including superb software. The colour kit is simple to use, the ribbons fit exactly the same way as your black ribbons so it will not affect your guarantee. Also on all models listed below paper alignment is automatic, you do not have to manually align. PRINTS AS GOOD AS COLOUR PRINTER. If your printer is not listed below please phone. Amiga Flexicolor kits for Star LC10, LC20, all Star 24 Pin Panasonic 1080/81/1123/1124. Epson FX80, LQ800 etc. Citizen 120D+, NEC P6, P6+. Please note colour kits come complete with coloured ribbons.(Anti Banding now included in software) **COMPLETE KIT £39.95**

ImageVision

■ Price: £99.99 ■ Developer: ImageLab Technologies ■ Supplier: Blittersoft 01908 261466

This latest software tool reminds us that the Amiga is still the best when it comes to multimedia.

When software like this arrives, it's easy to start remembering what the Amiga is good at. And what is the Amiga good at? Multimedia of course: the combination of graphics, sound, animations and anything else close to hand to produce a 'presentation'. The history of the Amiga is full of multimedia authoring systems, from Deluxe Video and Amiga Vision to Scala.

ImageVision is the latest tool on the market and it is designed to make it as easy as possible to put together a presentation (interactive or not) consisting of static images, animations, text and sound.

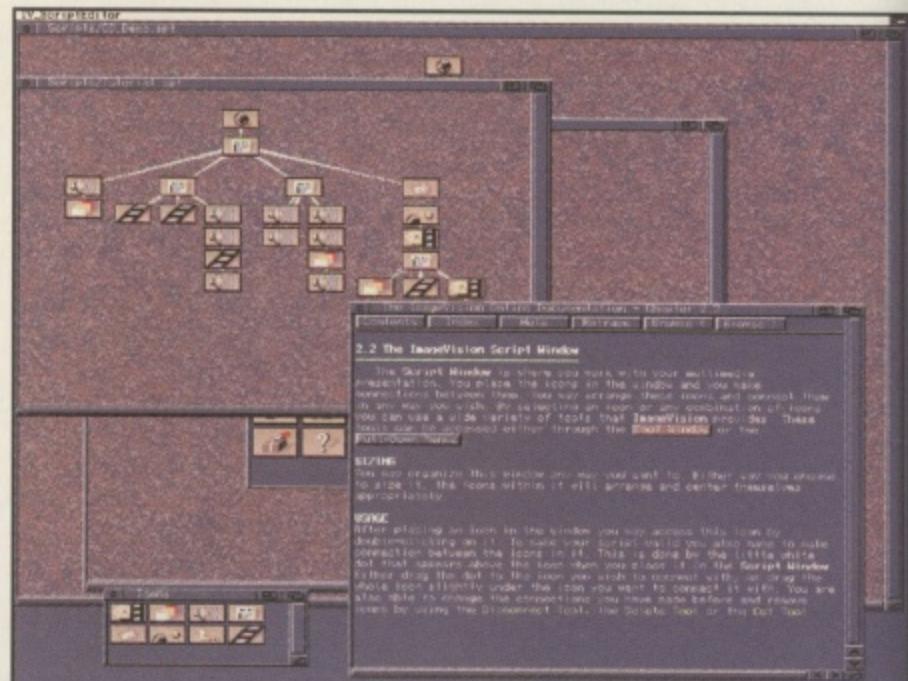
If ever an application deserved to win awards for the appearance of its user interface, ImageVision would be up there on the podium

faster than Emma Thompson at the Oscars. It's a real beauty, with floating windows, a textured backdrop and MagicWorkbench icons included as an option at install time. And, making it even more impressive, a CD-ROM disc is included as part of the bundle.

Drag and drop

The main window on the ImageVision screen is the 'Script window' and it represents the various processes which make up a multimedia project as icons. To add a picture showing routine, you drag across the picture icon from the tools bar. You think like the icons together to define the 'flow of control' through the project. Sounds pretty easy, doesn't it?

It really is easy too. Each icon can be double clicked and up pops the control settings where you can



▲ If you get stuck, press the HELP key for online documentation. In fact, this is the only documentation so make the most of it.

enter the name of the image to be displayed or the sound file to be played. In fact, it's so easy that no instruction book is supplied – all the documentation is in the form of online help. Normally I like a

good thick book to explain the basics but the well written AmigaGuide document includes several tutorials and a good reference section and so I didn't miss the paper instructions too much.

As well as the script display, there are two other editors: the Graphics Editor and the Click Editor. You use the Graphics Editor to design the pages in your project. For example, you may have a nice textured backdrop loaded from the CD-ROM in which case you would use the Graphics Editor to position text or load in a brush image.

Let's click

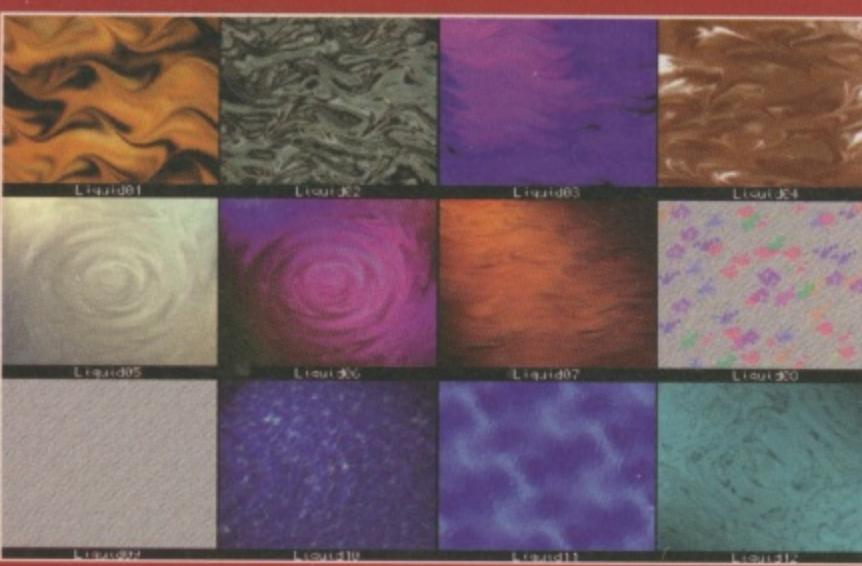
The Click Editor is used to outline an area on the screen which is sensitive to mouse clicks. Regions may be rectangles, ellipsis or polygons but all achieve the same thing: a move to another icon in the flow diagram on the Script window. This means there are no 'buttons' as such, only areas on the screen which trigger a move to another part of the project when clicked on. This means that it's hard to provide any visual feedback – a button won't depress

The ImageVision CD-ROM

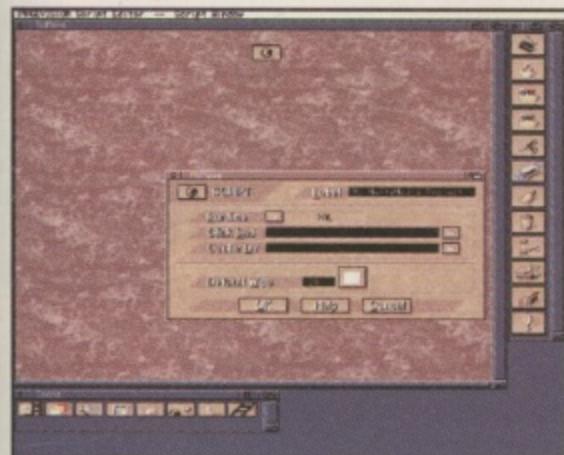
ImageVision comes in a CD style jewel case and contains one double-density floppy disk and one CD-ROM. The ImageVision program is contained on the floppy, so a CD-ROM drive isn't essential. It would be useful though, because the shiny disk is crammed with the sort of data which makes putting together impressive presentations easier than ever. On the disk are many superb textures in many different colours and resolutions, ready to use as the basis of a page in your project.

After the delight at the beautiful backgrounds, your excitement may wane a little as the rest of the disk contains some fonts, some buttons and symbols. Sound sound samples and three sound modules are also present, but more would be welcome.

The novelty of the CD-ROM cannot be denied, and I can only wish that other software companies think hard about using this media too. The extra convenience of having megabytes of resource material on hand makes ImageVision stand out from the crowd.



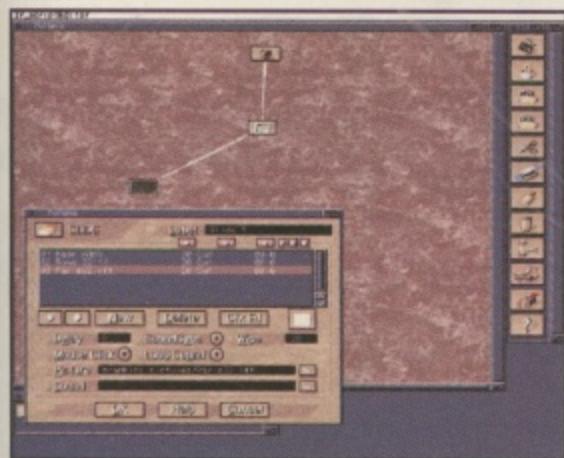
Creating a presentation with ImageVision



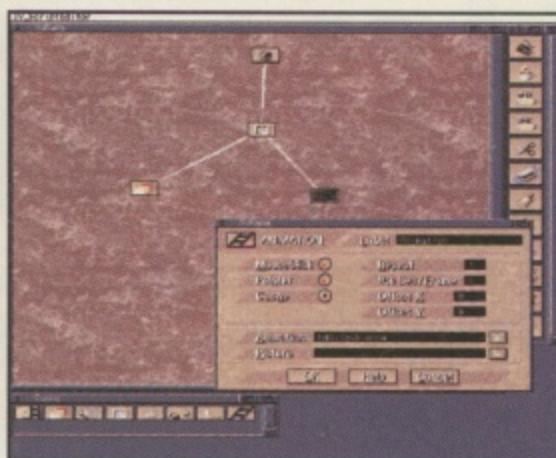
▲ 1. Start with a clean sheet. The first icon defines which of the two screen modes (PAL or dbIPAL) the project will be displayed in.



▲ 2. Add a tool, in this case a Menu icon. This allows our project to branch off into different options. Note that the icons can be placed anywhere in the Script window.



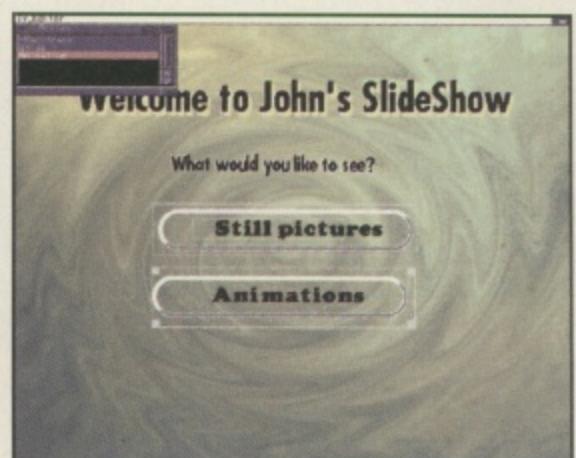
▲ 4. Add a Slideshow tool. This allows a group of images to be displayed one after the other, either with a time delay or waiting on a mouse click. Sound effects or music can be added, and there are several different wipes to use.



▲ 5. Add an animation tool. Animations may be replayed from hard disk if they are large. MPEG and CDXL files can also be replayed. It's possible to load an image to act as a frame for the animation.



▲ 3. Edit the Menu screen in the Graphics Editor. Load in a texture from the supplied CD-ROM library and add some text (and brushes if required) on top.



▲ 6. Return to the Menu screen and use the Click Editor to outline the buttons. Next associate them with the Tools they will move to when clicked. Voila! The finished multimedia presentation, ready for release or to be recorded onto videotape.

when clicked – which lessens the interactive element.

That's really all there is to it. There is no text-based scripting language underneath the graphical interface: the active components are the tools which display images and animations, as well as triggering sound effects and sound module playbacks. Animation support is flexible in that CDXL animations

are allowed, and if you have suitable hardware (Pegger or Scala's MPEG replay board), MPEG playback too. Animation formats ANIM5 and ANIM8 are supported (no 7 sadly) and playback direct from hard disk is allowed.

No can do

It's easier to get across the level ImageVision works at by

mentioning what it doesn't do: although there are several wipes to choose from to animate the screen displays, there are no built-in animation tools. If you want to create footage of a logo or text whizzing around the screen then you'll need to create a stand-alone animation in Deluxe Paint or something similar first. You can create vertically scrolling text by using the 'push up' wipe option but there is no horizontal alternative.

Wired for ...

Sound effects are easy to add, and as with animations, long samples can be spooled from disk. Modules and samples can be synchronised to images which makes for snappy slideshows. However, unusually for a multimedia program, there is no support for MIDI. This flaw is compounded by a lack of an ARexx port or in fact any method of launching an external program. This makes ImageVision rather a closed shop, and limits its use in more demanding situations.

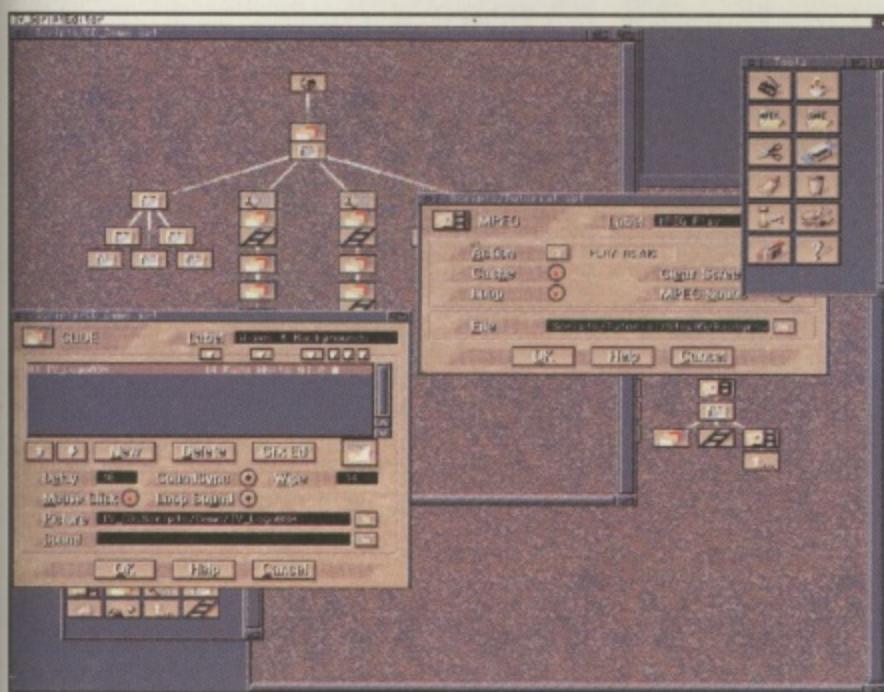
And so ...

Overall, ImageVision lacks the power and flexibility of programs like Scala and CanDo. However,

thanks to the attractive interface it is tremendously easy to use: it's certainly a lot more fun than Optonica's MultiMedia Experience. Here's hoping that version 1.1 won't be the last and subsequent improvements will build upon what is a very impressive basic authoring tool.

ImageVision is perfect for knocking together slideshows, but the quality of the effects will depend on your skills with existing animation packages. ■

John Kennedy



▲ ImageVision has one of the prettiest user interfaces ever. It's also one of the smartest, with multitasking allowing multiple windows onscreen at once.

IMAGEVISION

system requirements: AGA chipset, 2Mb Chip Ram (1Mb fast for authoring), hard disk (5Mb free), CD-ROM drive and MPEG replay hardware recommended.

ease of use 95%
Superb "drag and drop" interface, only let down with one or two obscure gadgets and the lack of printed documentation.

performance 80%
Works well but lack of ARexx and other 'power features' may lessen its appeal.

value for money 80%
Good, basic authoring software with the bonus of a packed CD full of goodies.

OVERALL
Solid but lacking power and flexibility for advanced users. **88%**

77

REPAIRS WHILE-U-WAIT!!

COMPUTERS AND MONITORS

Attention Dealers

Ring/Fax Now for best trade prices and terms on Repairs, Spares, Floppy Drives, Hard Drives, CD Rom Drives and Memory Upgrades.

- FAST TURNAROUND
- 90 DAYS WARRANTY ON ALL REPAIRS!!
- £10 EXTRA CHARGE FOR WHILE-U-WAIT SERVICE
- COURIER CHARGES £6.00 + VAT EACH WAY
- A1500/A2000/A3000/A4000.....£QUOTATION

NEW LOW FIXED PRICE

A500, A500+ & A600

£39.95

A1200

£49.95

That's a promise for computers!!

2.5" HARD DRIVES

For A600 & A1200

80Mb £59.95 170Mb £89.95 340Mb £129.95
120Mb £75.00 250Mb £109.95 540Mb £199.95

All hard drives are pre-formatted, partitioned with Workbench loaded and include 2.5" IDE cable and software

2.5" IDE Cable and Software (if bought separately) £9.95

ACCELERATORS

Apollo 1220 . £99.95

Apollo 1232 . £199.95

SIMMS £POA

MODEMS

**X-Link
14.4k £129.95**

**X-Link
28.8k £219.95**

FOR BEST AFTER-SALES SERVICE

MEMORY UPGRADES

A500 Upgrade to 1 Meg £13.95

A500+ Upgrade to 2 Meg £19.95

A600 Upgrade to 2 Meg £19.95

UNBEATABLE PRICES

A1200

0Mb £49.00 2Mb £104.95 4Mb £129.95 8Mb £199.95

33MHz FPU plus Crystal £39.95

GUARANTEED SAME DAY DESPATCH
(Subject to availability)

INTERNAL FLOPPY DRIVES

A500/A500+ £29.95 A600/A1200 ... £34.95

CHIPS ♦ SPARES ♦ ACCESSORIES

1 Meg Fatter Agnus	£19.00	8520 CIA A600/A1200	£14.50
2 Meg Fatter Agnus	£24.00	8374 Alice A1200	£30.00
8362 Denise	£9.00	8364 Paula A600/A1200	£16.50
8373 Super Denise	£18.00	Video DAC A1200	£19.00
5719 Gary	£7.50	A600/A1200 Keyboard	£60.00
8520 CIA A500/A500+	£15.00	Lisa A1200	£35.00
8364 Paula A500/A500+	£12.00	Gayle A600/A1200	£25.00
Kickstart ROM 1.3	£15.00	Budgie A1200	£30.00
Kickstart ROM 2.04	£22.00	Mouse (290dpi)	£15.00
Kickstart ROM 2.05	£29.00	SCART lead	£15.00
A500/A500+ Keyboard	£50.00	Mouse Mat	£4.00
6570 Keyboard Chip	£20.00	10 Boxed Branded Disks	£6.00
68000 Processor	£8.00	Printer Cable	£6.00
Power Supply A500/A600/A1200 ..	£35.00	100 Disk Box	£7.00
Exchange A2000/A1500 Power Supply ..	£70.00	Squirrel SCSI Interface	£59.00

* All chips are available ex-stock

* Please call for any chip or spare not listed here

AMITAR CD ROM DRIVE QUAD SPEED
Including Squirrel SCSI Interface **£239.95**

Genlocks

Hama 292 . £280.00

MiniGen

L500 £69.95

L1500..... £169.95

L2000S . . . £349.95

A1200 without hard drive

A1200 with 340Mb hard drive ... £429.95

A1200 with 80Mb hard drive ... £349.95

A1200 with 510Mb hard drive ... £499.95

A1200 with 170Mb hard drive... £379.95

★ Call for more good deals

SPECIAL OFFER

ANALOGIC Analog Computers (UK) Ltd
ANALOGIC Unit 6, Ashway Centre, Elm Crescent,
ANALOGIC Kingston-upon-Thames, Surrey KT2 6HH

Open Mon-Fri 8.00am-5.30pm, Sat 9.00am-5.00pm Fax: 0181 541 4671

** NEW OPENING TIMES ** NEW OPENING TIMES **

Tel: 0181 546 9575

★ All prices include VAT ★ All prices & specifications subject to change without notice ★ Fixed charge for repair does not include disk drive/keyboard
★ We reserve the right to refuse any repair ★ P&P charges £3.50 by Royal Mail or £6.00 + VAT for courier ★ Please allow 5 working days for cheque clearance

★ All sales are only as per our terms and conditions of sale, copy available on request.



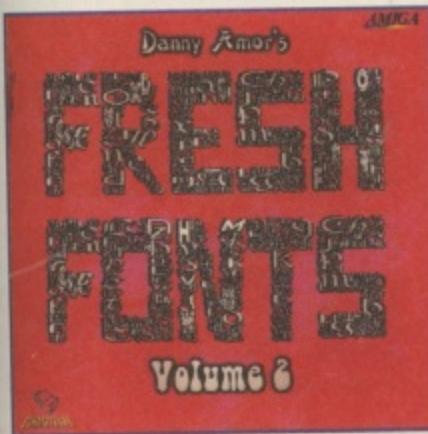
CD-ROM

Forget about having the world on a string, now you can have it and anything you like on CD-ROM.

Round Up



Fresh Fonts Vol 2

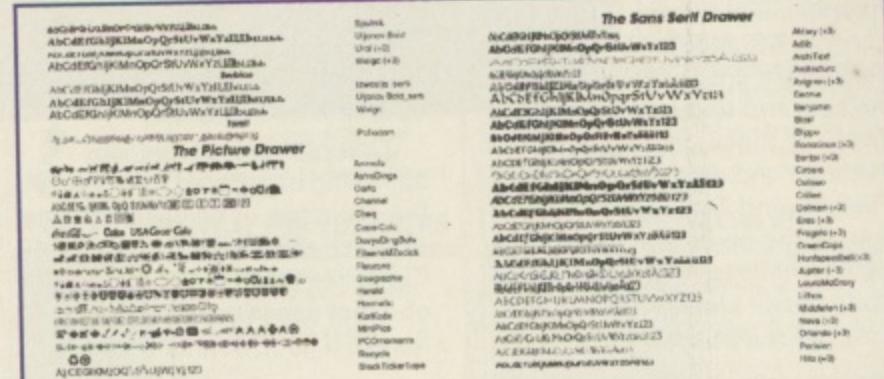


Fonts eh? Don't you just love 'em! OK so maybe 'love' is a bit strong choice of words but they do come in handy for all those

DTP, graphics and video tasks. The Fresh Fonts CDs are a great source of fonts, and Volume 2 now comes with a booklet that includes examples of all the typefaces on the disc, as well as all the fonts from Volume 1. They're divided into seven categories: deco, non-Latin, pictures, sans serif, script, serif and Thienen.

Each of the fonts is included in four different formats (DMF, Agfa IntelliFont, Adobe and TrueType).

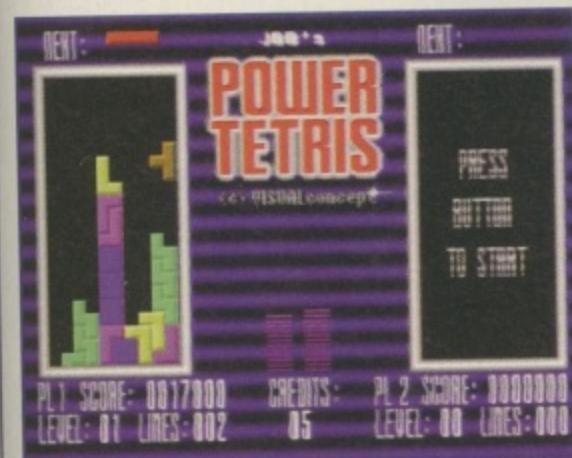
You're bound to find what you're after among this lot as there's loads of variety.



Available from: GTI,
Zimmersmühlenweg 73,
61440 Oberursel, Germany
(see ads for UK suppliers).
Price: TBA.

90 %

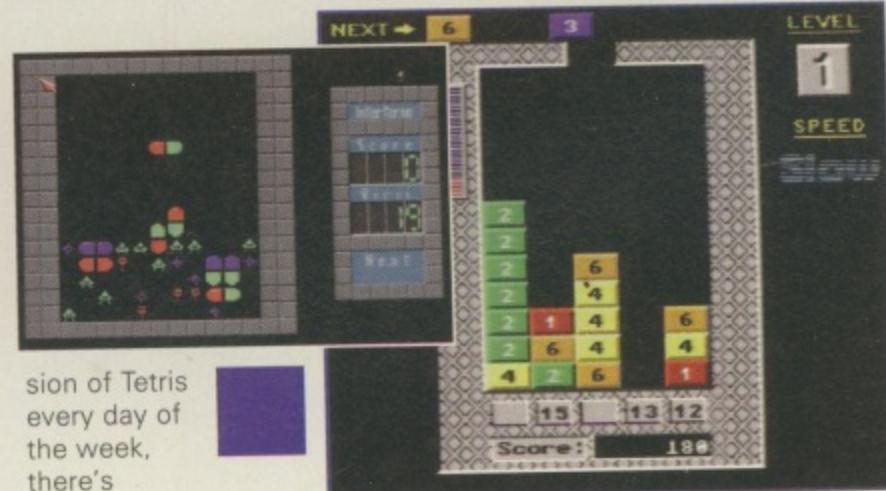
Nothing But Tetris



That's right, Nothing But Tetris. This is a compilation of over 70 variations on the Tetris theme. The game that started life on the Commodore 64 and then achieved superstar status thanks to its Gameboy incarnation

has been rewritten and released on the Amiga PD circuit by just about anyone who can string two AMOS commands together. Most of them have been rounded up by Epic Marketing and put onto this CD. Not all will work on all Amigas, and even fewer will let you exit

back to the Workbench. Some are better than others, some are further removed from the original Tetris theme, such as Dr Mario. Tetris fans are likely to find two or three that take their fancy and stick to those. However, if you like the idea of playing a different ver-



sion of Tetris every day of the week, there's always that option. Needless to say, this is a disc for true Tetris addicts only.

Available from: Epic Marketing,
138-139 Victoria Road, Swindon, Wiltshire, SN1

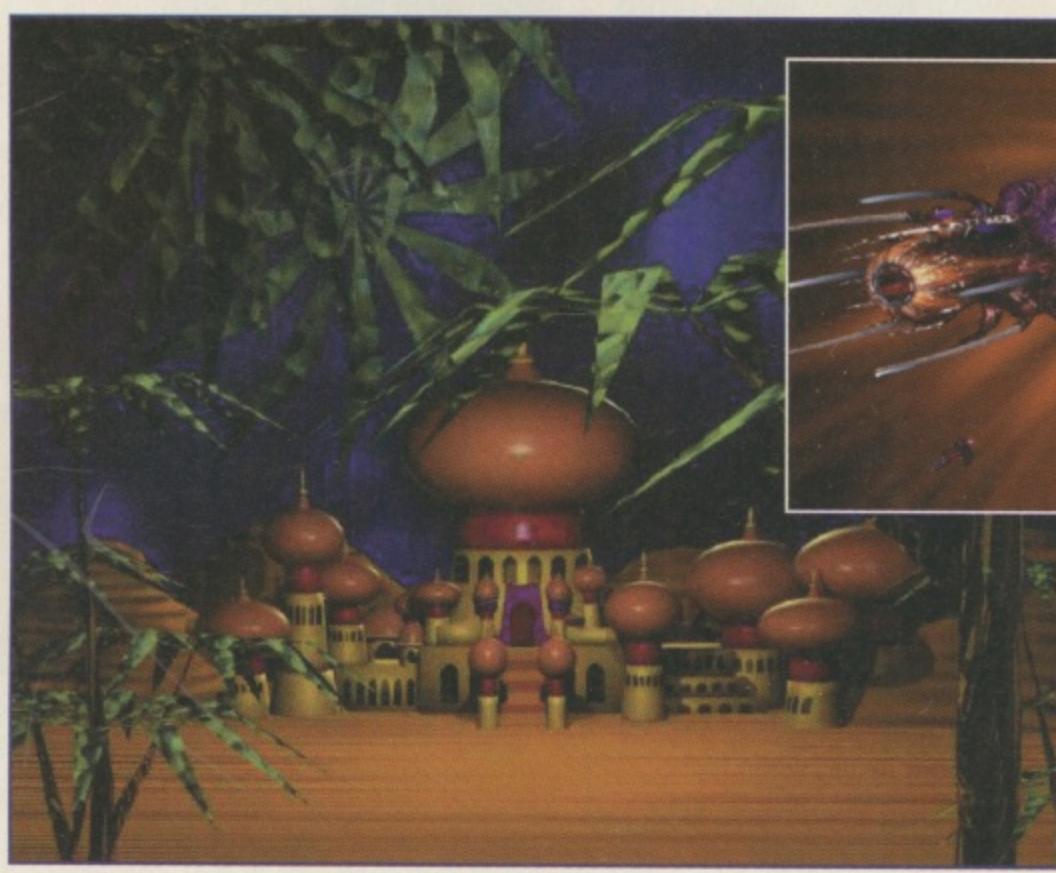
3BU.
Tel: 01793 514 188.
Price: £9.99 plus £1 P+P.

70 %

3D GFX

Creating your own objects for 3D rendering can be the digital equivalent of building a model of Westminster Abbey out of matchsticks – fine if you've got the patience and time but most of us would rather get on with the serious business of rendering, keeping the object modelling sessions for those special personalised constructions. The 3D GFX CD, from the same people responsible for the 3D Arena disc, has plenty to offer 3D artists and animators using Imagine, Lightwave, Cinema 4D and Pov Ray. There are objects and textures

for all of those packages and textures and extras for users of Real 3D and TrueSpace. Quite a few of the objects come complete with Jpeg images to give you a quick idea of what they'll look like when rendered.



One of the most instantly appealing aspects of this disc is the collection of animations, most of which are ready to run from the CD. While these aren't going to be of direct use in your own renders, they're a good source of ideas

and inspiration for future creations. If you have facilities for spooling MPEG movies you can view a few of those too. A demo version of Cinema 4D is also present, along with a generous selection of rendered images, filed into

drawers according to which package was used to create them. Overall, a very neat, useful and accessible collection for all 3D animators and artists.

Available from: Peejay,
33 Iveagh Close, Victoria
Park, London E9 7BW.
Tel: 0181 985 3850
Price: £21.99 including P+P.

91

%

World Atlas



This is the kind of thing we were always promised CD-ROM would bring us. World Atlas is an atlas on a CD and is rather better than you might imagine. Primary school geography teachers take note.

Previous geographical reference CDs have consisted of poor quality maps backed up with slack production. World Atlas on the other hand is a very

neat package which uses consistently detailed maps of the whole world. When you select a country you're presented with a sequence of maps of the same area which loop round, each detailing different features of the

area in question. This is handy if you want to look up exactly where Aunty Agnes is living in the Ukraine.

The features can be paused with a mouse click. Information on each country is supplied in

large text in a scrolling display, although this is generally rather basic, with population figures, primary industries and other general information.

World Atlas was compiled using Optonica's Multi Media Experience and while this is very apparent due to the interface and overall look, it's a good example of what can be achieved with the system.

A Quit button is one obvious omission, although the program can be closed with a Shift-X key-press. Even though it lacks any real depth as far as information goes, for a quick and easy visual reference guide to the globe, World Atlas is very attractive.

Available from: Wisedome
Ltd, 6 Ivy Lane, Hounslow,
Middlesex, TW4 5AW.
Price: £TBA.

82

%

EPIC MARKETING SOFTWARE

Basically this is a 3 disk compilation of tools which should really have been on Workbench. eg: Virus Killer, Fast text editor and display. Menu system, File manager, A few Workbench games and more. Only £7.00

SCF7-3. STUFF COMMODORE FORGOT

Professional graphics converters, can convert graphics between the Amiga, PC, Mac & Atari ST. Supports GIF, TIF, IFF, PCX, BMP etc. Kickstart 2 or above recommended. Only £5.00

GFC5-2. GRAPHICS CONVERTERS

Little Office consists of a powerful Wordprocessing package, a spell checker, A diary system, a name and address database, and a powerful spreadsheet. Kickstart 2 or above. Only £7.00

IFC7-3. LITTLE OFFICE

If you've just purchased your Amiga you may be a bit boggled how you use it properly. Well this five disk set take you through the CLI/Shell, Workbench step by step showing you every thing you need to know. Only £9.00

ABG9-5. AMIGA BEGINNERS GUIDE

A collection of over 100 popular and more unusual printer drivers. Supports the canon, Panasonic, Star, HP, range of printers aswell as hundreds more.... Very easy to use installation procedure. Only £3.00

DRV3-1. PRO. PRINTER DRIVERS

Over 130 top quality colour images from the Lion King cartoon film. Each image is stored as ready to use IFF so can be imported into ANY paint or Desktop publishing package. Only £6.00

LKA6-3. LION KING CLIPART

The disk doubler can literally double the space available on your hardisk. If you've got an 80mb drive you'll end up with over 130mb, runs on any Amiga silently in the background. Only £5.00

EPU5-2. DISK DOUBLER

The Professional mono clipart collection consists of 10 disks featuring hundreds of VERY high quality mono images. Subjects are included like: Xmas, Animals, Transport, People, EyeCatchers etc. Only £13.00

GFX13-10. PRO. MONO CLIPART

The Ultimate Chess & Tutor 2, suitable for any 2mb+ Amiga. Contains tons of Inbuilt speech, and great graphics. Suitable for the learner of semi-pro. Only £7.00

JIT7-3. CHESS & TUTOR 2

With this language tutor you could learn to speak either SPANISH, FRENCH, GERMAN, ITALIAN OR JAPANESE. Easy to use, and easy to understand????? all languages inc. Only £8.00

LTP8-4. LANGUAGE TUTORS

Hundreds of Very high quality professionally finished colour clip fonts for use in any Paint package. Excellent for Video work, demo making etc. Only £5.00

CCF5-2. COLOUR CLIP FONTS

Get your finances in order with this unique collection of home finance software. Keep track of your monthly outgoings: Petrol, Gas, Electricity, Mortgage, Rent etc.... Only £7.00

FIN7-3. HOME FINANCE



Text Engine is the easiest to use Wordprocessor package available on the Amiga. It even includes a competent Spell check feature. Suitable for all Amiga's. Only £3.00

TXE3-1. TEXT ENGINE



News maker is a simple to use colour Desktop publishing package. Import your own graphics, text etc. Compatible with all popular printer makes.

NRL4-1. NEWS MAKER



Create your own fascinating 3D magic eye images with ease. This package includes The Random Dot Stereogram generator and a number of ready to use images. Only £3.00

RDS3-1. MAGIC EYE KIT

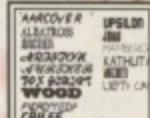
Professional graphics converters, can convert graphics between the Amiga, PC, Mac & Atari ST. Supports GIF, TIF, IFF, PCX, BMP etc. Kickstart 2 & above recommended. Only £5.00

GFC5-2. GRAPHICS CONVERTERS



A six disk collection of Video titling tools, video wipes, fonts, Video titlers, Subtitle generator, Video backdrops etc.... Suitable for use stand-alone or in conjunction with Scala etc.... Only £12.00

VID12-6. VIDEO TITLING TOOLS



Around 50 scalable compugraphic fonts for use with Wordworth2&3, Pagestream, Workbench 2&3. High quality printout from 5point upto 100point. Only £7.00

PSF7-3. COMPUGRAPHIC FONTS



Mono Pagesetter clipart contains hundreds of great mono clipart images for use in any version of Pagesetter. Subjects include: Animals, People, Transport, Hi-tech, Computers, Sports, etc.... Only £3.00

MPC3-1. MONO PAGESETTER ART



Miscellaneous colour clipart images. Around 100 in all covering: cats, dogs, cars, trees, planes, boats etc.... Suitable for use in any Paint or Desktop Publishing package. Only £9.00

CCP9-5. COLOUR CLIPART



Magic Workbench is an innovative replacement Workbench. Gives you a completley new 8 colour updated Workbench. A hard disk is highly recommended. Various extras disks are available separately. Only £3.00

MWB3-1. MAGIC WORKBENCH



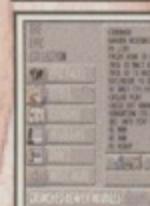
An updated 2 disk version.... Contains dozens of DIY hardware kits, like how to fit your A1200 into a mini tower PC case, build your own sampler, memory expansion, CD32 Link lead etc, etc. Only £4.00

HWP4-2. HARDWARE PROJECTS



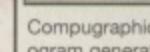
Contains Three superb easy to use Typing tutors for the Amiga. Suitable for the complete beginner or anyone who at the moment types with one or two fingers.... Only £3.00

TYP3-1. TYPING TUTORS



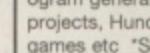
Three Startrek games. Includes: Startrek the Arcade game, Startrek TNG, and the Original Startrek. Decompresses to SIX disks. Only £6.00

STG6-3. STARTREK GAMES



Play your old Commodore 64 games on your Amiga. Includes around a dozen of the most loved C64 games and the latest and fastest available C64 emulator. Remember the good old days! Only £5.00

CBM5-2. C64 EMULATOR & GAMES



Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00



Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

STB5-2. STARTREK MAGIC WB

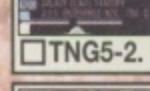


Classic card games consists of around a dozen superb card games like Poker, Solitaire, Craps, Montana, Pontoon, Blackjack, Klondike, Spades, Goff, Rummy and more.... Only £10.00



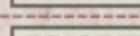
Every Amiga Emulator includes emulators for: Gameboy, Commodore 64, Commodore VIC20, Various IBM emulators, Spectrum emulators, Sinclair QL, Atari ST etc. Only £5.00

AEP5-3. EVERY EMULATOR



Around 100 high quality Amiga Bitmap fonts. Suitable for use with almost any Amiga package, Including DPaint, Workbench, etc. Font sizes start at 6pt upto 50pt. Only £7.00

FNT7-3. FANTASTIC FONTS



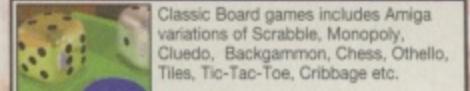
(CD100x) Only £19.99

THE EPIC COLLECTION

Amiga CDROM Version2

Contains Virtually every one of these advertised titles plus thousands more of our most popular floppy based software titles on one giant CD-ROM. Now you can purchase the entire Epic collection in one go. This compilation contains hundreds of megabytes of Amiga software. Features a superb new multimedia Amiga front-end. Categories include: Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Sound FX and samples, Virus Killers, Hard disk installer & tools, Various Hardware projects, Hundreds of games including Shoot'em ups, Mind teasers, Puzzle, card, arcade, board games etc *Supplied with printed Index.

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00



Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES



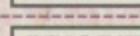
Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

ARC5-2. ARCADE CLASSICS 2



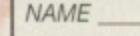
Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES



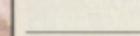
Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES



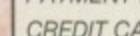
Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES



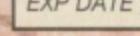
Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES



Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES



Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

BDG10-4. CLASSIC BOARD GAMES

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these. Only £5.00

V12-PD

Dept C11
PO Box 14
Lincolnshire
LN11 8LF
United Kingdom
01507 450114

10 PD DISKS FOR A FIVER FROM A LIBRARY OF 12,500+,
BLANK DISKS WITH LABELS AT 2.50 FOR 10, TRADE AND BULK DEALS ON BLANKS
MUCH, MUCH CHEAPER THAN ANYWHERE ELSE IN THIS MAGAZINE!

OUR CATDISKS CAN BE DOWNLOADED RIGHT NOW FROM MIDNIGHT EXPRESS BBS,
THE UK'S COOLEST AND BEST BBS ON 01384 865626 OR THEIR NEW LINE 01384 826282 RIGHT NOW,
AND RIGSBY'S BBS ON 01530 260160, OR V12'S OWN BBS, DIGITAL DREAMS, ON 01507 450114 (8PM-9AM)

SPECIAL OFFERS, EXTREMELY LIMITED, RING NOW.....

BULK BLANK DISKS AT OUTRAGEOUS PRICES,
AS WELL AS PD. 500 DISKS OF PD FOR A STUPIDLY
LOW PRICE OF 120 QUID! OWING TO A SUPERB NEW
SUPPLIER OF BLANKS, ALL OUR BLANK PRICES
ARE
ONCE MORE AVAILABLE, RING OR GET A CATDISK
FOR FURTHER DETAILS.
REGULAR ORDERS GET HUGE DISCOUNTS,
RING FOR FURTHER DETAILS!

AVAILABLE NOW! V12-PD CD VOLUME 1,
COMPATIBLE WITH ALL AMIGA CD DRIVES RUNNING
WORKBENCH 1.3 - 3.1, CONTAINS ABOUT 1000 OF V12'S
LATEST PD DISKS, ALL RUNNING THROUGH A CUSTOM,
MULTITASKING GUI MENU SYSTEM CODED BY FREAK OF
NFA (SUPERB LOOKING) WE HAVE LIMITED COPIES
AVAILABLE AS OF PRESS DATE AND THEY CAN BE
ORDERED FOR THE FIRST TIME OFFER PRICE OF 15.99!
PLEASE RING US TO GET A COPY QUICKLY
IF YOU'RE INTERESTED!

OTHER SERVICES INCLUDE FLATBED SCANNING, DIGITISING,
SOUND SAMPLING, MEMBERSHIP, PD SWAPS, FOREIGN PD
AVAILABLE IN LARGE NUMBERS, BRAND NEW AND DIRECT
FROM THE AUTHORS! OUR MEMBERSHIP FOR ONE YEARS
CATDISK UPDATE (24 DISKS!) IS ONLY £6.00, GET THE LATEST
PD AVAILABLE WITHIN MINUTES OF IT BEING RELEASED, AND
OUR FAB DISKS FOR A YEAR WITHOUT BOTHERING TO ASK
FOR IT EACH MONTH. PLATINUM MEMBERSHIP IS 15.00, AND
ENTITLES YOU TO 10% OFF PD, A YEAR'S CATDISKS AS
THEY'RE RELEASED, 30% OFF SCANNING, 30% OFF BLANKS AS
PD, 25% OFF DIGITISING, 30% OFF SAMPLING, ETC, ETC, ETC!
DON'T MISS IT, OR YOU'LL CRY FOR DAYS!!!

ANOTHER MONTH PASSES BY WITH NOT A LITTLE EXCITEMENT IN THE AMIGA WORLD. V12 IS HERE AS THE WORLD LEADERS IN MODERN PD DISTRIBUTORS TO SHOW YOU HOW CHEAPLY PD CAN BE SOLD FOR! NO FLANNEL, YOU AIN'T PAYING FOR THE LABELS, OR INFLATED DISKS, JUST PURE PD, AND IT SURE IS GOOD TO GET SO MUCH FOR YOUR MONEY IN A MODERN WORLD OF EXPENSE AND DRUDGERY!

AFTER A HUGE WINTER AND SOME SERIOUS HARDWARE RENOVATIONS, V12 IS BACK TO 24 HOUR TURNAROUND, WE DEAL WITH MORE ORDERS MORE QUICKLY THAN ANYONE ELSE, THAT'S A PROMISE! SO AN ORDER FROM US, SHORT OF OUR OFFICE FLOODING, BEING STRUCK BY LIGHTNING OR (IN THE ADVANCED COUNTY OF LINCOLNSHIRE OO-ARI) A POWER CUT, WILL REACH YOU LIKE LIGHTNING! SO TO ALL THE PEOPLE WHO ARE IMPRESSED NOW, YOU AIN'T SEEN NOTHIN' YET.....

AFTER A TRULY SUPERB WINTER SEASON WE'RE GETTING READY FOR SPRING AND SUMMER WITH A VENGEANCE. AND AFTER ESTABLISHING A VERY GOOD RAPPORT WITH THE AMIGA WORLD WE'RE OUT TO PROVE TO ALL OF YA OUT THERE THAT WE REALLY ARE AS GOOD AS WE SAY! THIS MONTH WE'RE OUT TO PROVE THAT THE IMPOSSIBLE IS PERFECTLY FEASIBLE BY SLASHING OUR PRICES RIGHT DOWN THE MIDDLE ON SOME PACKS! YES, 10 DISK PACKS FOR 2.50 INCLUDING DISKS, P+P, EVERYTHING! SO GET READY FOR THE MOST AMAZING DEAL YOU'VE EVER SEEN IN PD!

BUT NOT THAT OUR PRICES ARE NORMALLY HIGH, YOU SHOULD THANK US BECAUSE SINCE WE HAVE STARTED TRADING ALMOST HALF OF THE EXISTING PD LIBRARIES HAVE DROPPED THEIR PRICES, AND IT'S ALL DOWN TO US! AND THESE PRICES ARE STILL THE LOWEST ANYWHERE ON A MAJOR LIBRARY:
OUR PD IS CHEAP, IT'S VERY CHEAP. IN FACT HERE ARE OUR PIDDLY PRICES:

1-5 DISKS = 65P EACH
6-9 DISKS = 60P EACH
10+ DISKS = 50P EACH

P+P IS ONLY 50P ON ANY SIZE ORDER

DISKS ARE 25P EACH INCLUDING P+P IF YOU SUPPLY THE BLANKS!

DO I NOT LIKE THAT PLATTY? ERM, YES, YOU SHOULD DO! AND JUST TAKE A LOOK AT WHAT YOU CAN GET AT THESE PRICES. 13000 DISKS, WHICH IS APPROXIMATELY 3 TIMES THAT OF MOST OTHER LIBRARIES, INCLUDING THOUSANDS OF EXCLUSIVE TITLES! ALL THE LATEST STUFF FROM THE INTERNET IS NOW INCLUDED IN THE LIBRARY THANKS TO OUR NEW BBS BEING REGULARLY VISITED BY HUNDREDS OF PEOPLE (THANKS!) AS WELL AS ALL THE AGA TITLES AND EVEN THE LARGEST WORKBENCH 1.3 COLLECTION IN THE WORLD! OUR LIBRARY WEIGHS IN AT WELL OVER 10.5 GIGS, MORE THAN ANY OTHER AMIGA BASED STORAGE ON THE PLANET!

HIT THE TURBOS FOR SOME V12 POWERED SOFTWARE, YES, TRULY A FEAST OF ENTERTAINMENT TO BE HAD! WE HAVE EVERYTHING, FROM GAMES TO GLAMOUR, ART TO UTILITIES, MUSIC TO MAGS, ANYTHING YOU WANT, WE'LL LIKELY HAVE A HUNDRED TO CHOOSE FROM! THE LARGEST KLONDYKE COLLECTION ANYWHERE, EVERY COLLECTION IN COMPLETE FORM, YES, MISSUS MIGGINS, MORE STUFF THAN YOU COULD SMUGGLE THROUGH CUSTOMS IN A TEN TON TRUCK!

AND THEN THERE'S OUR WORLD FAMOUS CATDISK. WHAT CAN BE SAID ABOUT THIS MARVEL OF AMIGA SOFTWARE THAT HASN'T BEEN WRITTEN INTO LEGENDS! AUTOMATIC WORKBENCH DETECTION, COMPATIBLE WITH AND ADAPTS TO SUIT EVERY AMIGA FROM WORKBENCH 1.2 TO 3.1, RAM INSTALLER, HARD DRIVE INSTALLER, TWIN DEVICE INSTALLER, 40000 LINES OF DESCRIPTIONS INCLUDING FULL LISTINGS OF FISH, ASSASSINS ETC. (NO MORE TO BUY WITH US!)

ANIMATIONS, MUSIC, GRAPHICS, SAMPLES, MOUSE DRIVEN POINT AND CLICK INTERFACE, AND AN UNRIVALLED AMOUNT OF HUMOUR AND LIGHT ENTERTAINMENT! GET YOURS TODAY, THAT'S AN ORDER FROM SERGEANT STEVE!

BUT DIDN'T I SAY SOMETHING ABOUT NEW PACKS FOR A RIDICULOUS THE-WORLD'S-TAKING-US-FOR-A-RIDE PRICES OF 2.50 FOR 10 DISKS? YES, I DID JOHNNY! WE HAVE THE FOLLOWING ON OFFER FOR THIS PRICE FOR A VERY LIMITED PERIOD ONLY, SO IF YOU WANT THEM, GET THEM WHILE THEY'RE STILL PIPING HOT! THE PACKS NOT ONLY INCLUDE 10 DISKS OF PD (YOU DON'T NEED TO SEND IN YOUR OWN DISKS, DON'T WORRY, IT'S ALL PAID FOR IN THE 2.50!) BUT COME WITH A FREE CATDISK TOO, SO IT'S AN AWESOME 12 DISKS FOR 2.50! SO WHERE ARE THEY? HERE, WATCH YOUR FLARES DON'T FLAP TOO HARD AND PULL YOU OVER!

BIG NAME GAMES = 10 DISKS OF THE FINEST QUALITY GAME ACTION IN THE PD WORLD, CONTAINS RPG, SHOOT EM UP, ADVENTURE, PLATFORM, STRATEGY, SKILL, HACK 'N' SPLASH, BAT 'N' BALL ACTION! EVERY GENRE AT IT'S BEST, SUPERB FUN!

USEFUL UTILITIES = THE MOST POPULAR UTILITIES OF ALL TIME, COVERS ARCHIVING AND COMPRESSION, WORD PROCESSING, DATABASE, SPREADSHEETS, COMMS, WORKBENCH, ART, YOU NAME IT, WE'VE GOT IT COVERED HERE

AGA BABES = MASSES OF 256 COLOUR GORGEOUS AGA GIRLS TO PLEASE AND TEASE! INCLUDES A HUGE RANGE OF CELEBRITIES, AND IS TOTALLY DIFFERENT TO OUR PREVIOUS AGA PACK! LARVELY!

HAM HEAVEN = THE NON AGA VERSION OF OUR AGA BABES PACK, NOW EVERYONE CAN ENJOY THE ADULT ENTERTAINMENT! A HUGE RANGE OF SUPERB QUALITY HAM PICS FOR ANY SYSTEM FROM A500 TO

AGA DREAMS = THE BEST AGA ONLY GAMES AND DEMOS, ALL FUN AND GAMES WITH THE SUPERB AGA QUALITY YOU EXPECT! INCLUDES DEMOS DIRECT FROM THE INTERNET WHICH ARE BRAND NEW, AS WELL AS SOME OF THE MOST KICKIN' GAMES YOU'VE EVER SEEN, DELUXE GALAGA AGA FOR INSTANCE!

KLONDYKE KRAZY = 10 OF THE LATEST AND BEST CARDSETS FROM OUR HUGE 150+ COLLECTION, NOW YOU TOO CAN PLAY THE ULTIMATE AGA CARD GAME! FOR 1 POUND EXTRA WE WILL INCLUDE THE 4 DISK GAME ITSELF, PLEASE SPECIFY WHETHER YOU REQUIRE THE HD VERSION OR FLOPPY ONLY.

BLACKLITE COLOUR FONTS = A 10 DISK EXTRAVAGANZA OF FULL COLOUR FONTS FOR ONE AND ALL, PUT TOGETHER BY US, EVERY WELL KNOWN COLOUR FONT IS INCLUDED, IN BITMAP, NO CUT AND PASTE REQUIRED! HUNDREDS TO CHOOSE FROM FROM BANANAS TO BONES, YOU NAME IT!

BLACKLITE CLIPART = 10 DISKS OF QUALITY CLIPART SUITABLE FOR ANY AMIGA, SUPERB QUALITY AND HUNDREDS OF SUBJECTS COVERED. ANOTHER PACK PUT TOGETHER BY LITTLE OL' US, AIN'T WE NICE!

BLACKLITE AMIGA EDUCATION + 10 DISKS FILLED WITH PROGRAMS TO TEACH YOU JUST EXACTLY WHAT THE CREAM COMPUTER YOU BOUGHT ACTUALLY DOES! COVERS EVERY ASPECT OF THE AMIGA'S ABILITIES FROM WORKBENCH TO PROGRAMMING.

RENEGADE INJUN 1 = 10 DISKS, NOT COMPRESSED ONTO ONE OR ANYTHING SCABBY LIKE THAT, AND ALL INCLUDES POSTAGE AND PACKAGING + A FREE CATDISK! WE'RE WAITING FOR EVERYONE ELSE TO MATCH THIS OFFER, WE'RE HERE TO SHOW YOU THAT WE CAN SUPPLY YOU WITH 10 DISKS FOR THE PRICE THAT MOST LIBRARIES SEND YOU 2, IT REALLY IS TRUE! AS THE BEE GEES SAY, LET'S GET DOWN ON IT! PACKS ARE NOT LIMITED TO ONE PER PERSON, YOU CAN HAVE ALL TEN IF YOU WISH, OR 10 OF EACH IF YOU ARE SLIGHTLY INSANE!

FOR A CATDISK, SEND 3 FIRST CLASS STAMPS TO THE ADDRESS ABOVE, OR 75P. IF YOU'RE ORDERING ONE OR MORE PACKS, PLEASE BEAR IN MIND THE CATDISK IS FREE WITH THEM SO DON'T PAY TWICE!

RING OUR NEW BBS, DIGITAL DREAMS, ON 01507 450114 FROM 8PM TO 9AM. UPTO 28.8K, FREE MEMBERSHIP AND US AS YOUR SYSOPS! COME AND HAVE A CHAT!

THIS MONTH'S GREET GO OUT TO MARTIN WOOLSCROFT (GLAD TO HAVE YA BACK AGAIN MATE!), TOPDOG, FREAK OF NFA, DEAN KELLY, STEFAN MANSIER, ROB DAVAIU (GOT THAT PARCEL YET?), RIGSBY, COCA COLA, AND BULLFROG FOR MAKING THE TRULY EXCELLENT GAME, SYNDICATE! ANY CHANCE OF A SEQUEL? GREET ALSO GO OUT TO EVERYONE WHO WE'VE CALLOUSLY FORGOTTEN, AND EVERYONE RUNNING FELLOW PD LIBS, HI FOR ANOTHER MONTH, WE'RE STILL HERE.....

FLATBED SCANNING SERVICES

FLATBED SCANNING IS NOW AVAILABLE TO A PROFESSIONAL STANDARD, WITH DPI UPTO 2400 X 2400 DPI, EVERY FILE FORMAT FROM ILBM TO JPEG, AND EVERY RESOLUTION FROM LORES-NTSC TO SUPERHRES-FULL OVERSCAN PAL AND CUSTOM RESOLUTIONS BEYOND THAT. WE OFFER THIS SERVICE OUT TO ANY PD COMPANY, OR ANY AMIGA BASED COMPANY AT DISCOUNT TRADE PRICES, AND ALSO TO ANY AMIGA OWNING INDIVIDUAL AT THE VERY LOW PRICES, RING US FOR DETAILS, WE ARE AT LEAST 3 TIMES CHEAPER THAN DEDICATED SCANNING BUREAUS. ANY AMIGA COMPANY WHO WISHES TO OFFER OUR SERVICE CAN ARRANGE AN AGREEMENT WITH US FOR SOME SERIOUS DISCOUNTS, SO MAKE THOSE SCANNING DREAMS COME TRUE! REMEMBER ALSO, OUR DIGITISING SERVICE, WHEN ALLIED WITH SCANNING, CAN OFFER COMPUTER REPRESENTATION OF ANY OBJECT, ANY PICTURE UP TO ABOUT 4 SQUARE METERS(!) WITH NO LOSS OF QUALITY. PLEASE RING FOR FURTHER DETAILS.

We stock all the collections including Assassin's 1-250, Fred Fish 1-1000, Scope 1-220, Amigan, Arug, New Zealand, Imagine Object collection, Clipart collection, Barbie, Amos, Legal Tools 1-149 and thousands more. we now also sell CD's cheaper than everyone else, every Amiga CD available is, erm, available from us!

13000+ titles, that's more than a library with less than that!

PD Scene

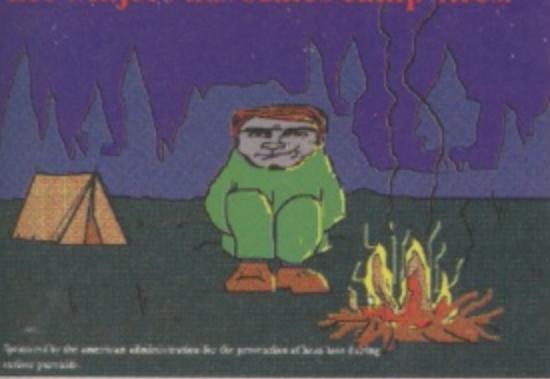
public
domain

You want cheap thrills? You got 'em! Tony Horgan takes a look at the latest offerings from the PD goodie bag.

Lee Majors Advocates... slideshow

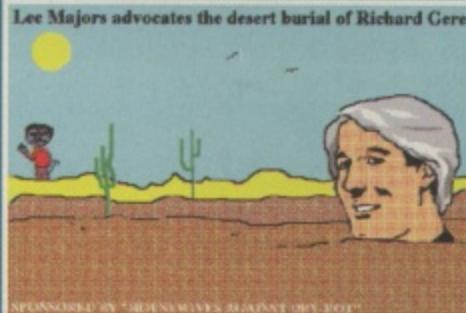
I've found it! We were sent this slideshow some time ago but it was sucked into the void of anti-matter more commonly known as my bottom drawer. Now it's resurfaced, I thought it deserved an airing. It's a slideshow in which the great Lee Majors (of Six Million Dollar Man fame) is depicted advocating a number of bizarre practices, including 'wearing one's pyjamas during maze navigation', 'the desert burial of Richard Gere', 'heading them off at the pass' and my personal favourite 'taking on the spirit form and haunting William Shatner'. This is volume seven of the series, which by now is probably up to number 1325 or something. Anyway, no Amiga is complete without it! Get yours now.

Lee Majors advocates camp-fires.



Sponsored by the American administration for the generation of clean heat during winter months.

Demo of the Month



SPONSORED BY THE AMERICAN ADMINISTRATION FOR THE GENERATION OF CLEAN HEAT DURING WINTER MONTHS.

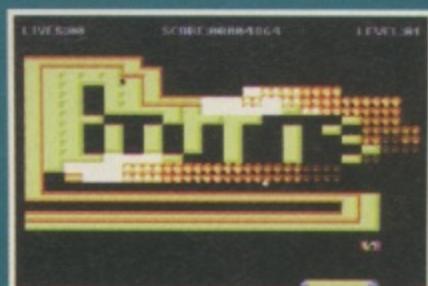
Available from:
Benjamin
Cowdall, 23 Barn
Way, Cirencester,
Glos. GL7 2LY.
Price: £2
including P+P.

95 %

65 %

Boris Ball

I haven't played an Arkanoid clone for a while, so this was a pleasant trip down memory lane for ten minutes or so. If you're a sado sample spotter like myself, you can glean extra entertainment by identifying the sounds effects which have been grabbed from a diverse range of sources, including Rolling Thunder, the classic platform shoot 'em up coin-op of yesteryear. Recommended if you need a decent bat and ball game.



Available from: F1 Licenceware,
31 Wellington Road, Exeter, Devon EX2
9DU. Tel: 01392 493 580. Price: £3.99
including P+P.

77 %

Teeny Weenys game

The obvious comparison here is with Lemmings, because the idea of the game is to guide your 'Teeny Weenys' to the exit of each level, using a bank of remote controls and any objects you find along the way. These will help you bridge gaps, blast holes in obstructions and so on.

Fans of cute and colourful games will find plenty to fawn over, even if the sprites look like they've come straight out of Lilliput. If you're easily annoyed by intrusive and repetitive sounds effects you should turn off the musical option before the effects drive you insane. This is one of those games you can take at your own pace (although there is a short time limit on each level) and as such would be well recommended to the younger Amiga gamer - it's more about exploration and logical thought than manual dexterity and reactions.

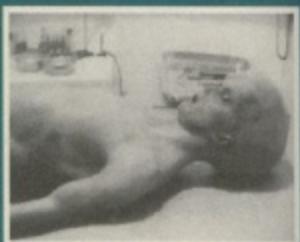
Available from: F1 Licenceware, 31 Wellington Road, Exeter, Devon EX2 9DU. Tel: 01392 493 580. Price: £3.99 including P+P.



80%

Roswell Crash Slides slideshow

Yet more alien conspiracy theories, this time it's the Roswell Incident. The story goes that some aliens crash landed in America some time ago and were captured. A post mortem was carried out and filmed, which showed an archetypal alien figure being dissected. We don't have room here for the debate on its invalidity but it is quite interesting all the same in a kind of 'how do they do that?' kind of a way. The pictures are small greyscale GIFs which are rather slow to load (IFFs would have fitted and would have been faster). A useful addition to the collection of any alien fan.



Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: £1.50 plus 75p P+P.

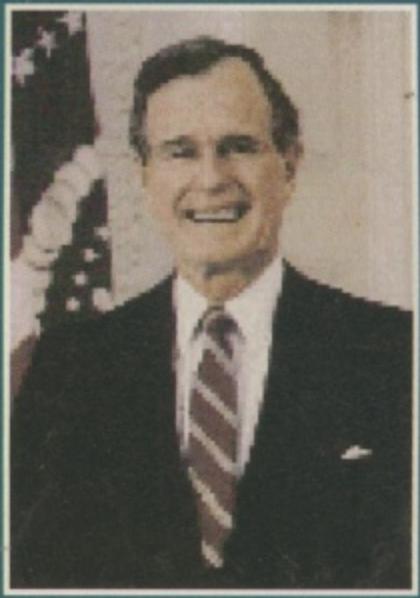
71%

Liars AGA demo

Talk about conspiracy theories! This demo from Nerve Axis has enough to feed the most paranoid imaginations for years.

Most of the demo is taken up with a trip hop sound track and captioned pictures detailing how various American presidents have been involved in alien cover ups for the past half a century. Apparently a band of aliens gave the American government the information needed to develop its 'Stealth' aviation technology in exchange for not disclosing details about the aliens' visit. Oh, and John F Kennedy was killed (by the driver of his car) because he was going to expose the whole thing.

That's all according to this demo of course, and who am I to question it? As if out of obligation, there's a short section of wobbly graphics between the conspiracy theories and the credits. If you've got video tapes of every episode of the X-Files arranged in alphabetical/chronological order on your shelves, then this is for you.



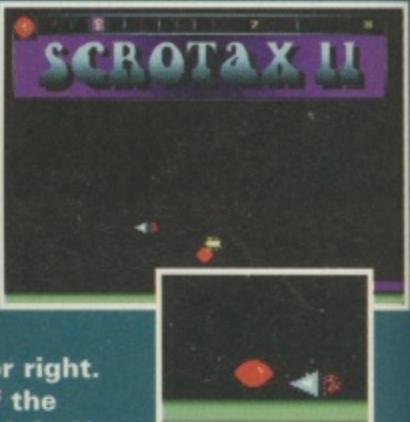
Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: £1.50 plus 75p P+P.

76%

Scrotax 2 game

What an unfortunate name for a game in which balls feature so prominently.

Scrotax is a shoot 'em up of the simplest order but still maintains an original twist. You control a ball which constantly bounces up and down - all you can do is shift it left or right. Aliens appear from the right of the screen and zoom across to the left. Your objective is to shoot them and avoid bumping into them. Sad, simple stuff but it may find its takers.



Available from: Your Choice PD, 39 Lambton Road, Chorlton, Manchester M21 0ZJ. Price: £99p including P+P.

66%

Radar Issue 2 disk magazine

Now get this: Radar is the OFFICIAL Pennine Amiga Club International disk magazine, not just some unofficial imitation! What would possess someone to make an unofficial version is beyond me but rest assured: this is the official mag!

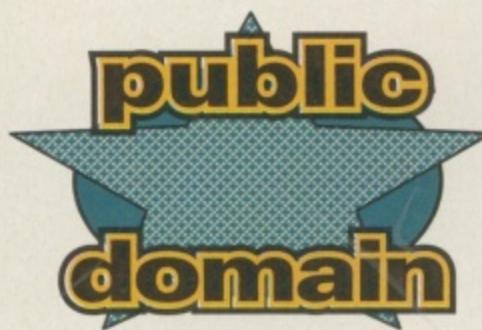
It's come on a lot since the first issue. There are enough articles to make quite a good read, including reviews of commercial and PD software, hardware reviews, letters, opinion columns, adverts, a reader survey, news and plenty more too. While you read there's a choice of three hackneyed modules to tap your foot along to. If it's a clubby low-end games and PD kind of vibe you're after, then Radar is worth a read.



Available from: Stephen Parker, Hillfoot, 51 Station Road, Baildon, Shipley, West Yorkshire BD17 6HS. Tel and fax: 01274 585 332. Price: £1.00 plus 75p P+P.

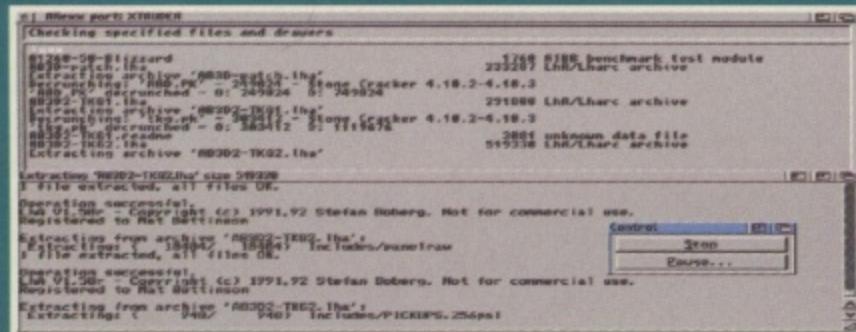
60%

PD Utilities



This month 90% of the utilities are from Your Choice who have come up with a cunning plan to enable Amiga owners without access to the net to get their hands on the invaluable Aminet files. Nice one.

XTruder 2.4 Virus Checker



We're pretty sensitive about virus checkers at CU Amiga Magazine after the scare we had with our last CD-ROM cover mount. One thing is certain: a virus checker needs several essential features before it's any good at catching the latest, nasty so-called 'link' file viruses.

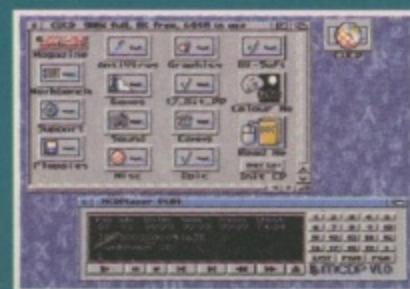
Firstly it has to be as up to date as much as possible. This can be a problem if you get PD and such forth off the 'net, where you're risking attack from a brand new virus. Secondly the program must be able to unpack and check compressed files as a virus infected program could otherwise simply be packed and then not recognised by the checker. Lastly, and this is something which I've only really seen VirusZ and XTruder support, the virus checker must be able to scan the contents of LHA or LZX archives.

Xtruder does all this and while it doesn't have a small inoffensive GUI like Virus Z, it is still highly configurable with a mass of powerful features such as automatic time scheduled virus scanning. This is probably what makes XTruder the choice of BBS operators who must always be on guard. It's always a good idea to have a couple of packages keeping watch on your hard drive and as Xtruder is a high quality, feature laden virus checker, it's just about essential to organise a copy every time an update appears. Thankfully you need only update the libraries.

Available from: Your Choice, see box out on page 87 for details. Aminet path: util/virus/Xtruder24.lha (282K)

92 0%

AmiCDFS 2.6 CD-ROM filesystem



Utility of the Month

AmiCDFS is amazing. It's the fastest CD-ROM filesystem I've ever seen. Check out these benchmarks for copying Aminet9's tools to RAM: AmiCDROM 1.15 = 72 seconds. AsimCDFS 3.5 (commercial) = 56 seconds.

CacheCDFS 2.6 (commercial) = 44 seconds. AmiCDFS 2.6 = 35 seconds. How can it be? PD software (even uncrippled) performing far better than expensive commercial alternatives! What's more, AmiCDFS even works with the atapi.device for IDE CD-ROMs on Amigas. This is most definitely utility of the month and even though the author doesn't demand a shareware fee, he darn well deserves it. Only a fool wouldn't use it to read the next CUCD.

Available from: Your Choice. Aminet Path: disk/cdrom/amicdfs26.lha (121K)

96 0%

Iconian 2.97 Icon Editor

For creating and editing your own icons Iconian is simply the best package there is (that I've seen anyway). You can zoom in and out of the editor and use any of 15 drawing tools. Importing IFF



pictures and turning them into icons is little trouble. The menus are packed with serious features from colour and palette options to user macro definitions. Typing text in any font and style into the icon, painting, filling and including brushes etc is a piece of cake. There's only very minor restrictions which are lifted by the \$15 shareware fee.

Available from: Your Choice. Aminet path: gfx/edit/iconian2_97.lha (322K)

90 0%

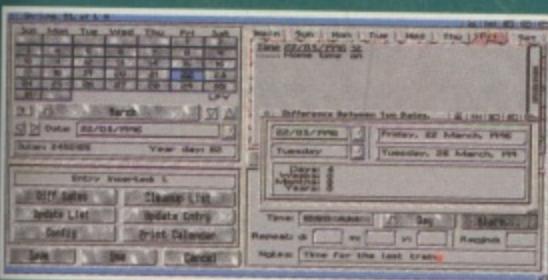
Everyday Organizer Personal Organizer

I needed this utility. I need to get organised. So Everyday Organizer was recommended to me by some 'net buddies and boy oh boy does it look good. Based on MUI, it might not look like everyone's cup of tea but it's sure got what it takes. There's several different organizer clients in the package. 'Locate' is an essential address book that has a search facility. 'On Time' is an event scheduler which is shown in the accompanying screenshot here. This can tie in to the next package 'Alarmist' which will be activated on startup and audibly warn of any important events. On Time is amazingly comprehensive. I loved the date calculation function which gives the time between two dates to get an idea of how far away it is.

Some support programs included 'Talk' which is a replacement for the Say command but with many more features and 'Sam' which is a datatype sound player. Finally 'Coder' encrypts files from prying eyes. Overall a lovely professional package and 100% freeware. If you need organising like I do, get it now.

Available from:
Your Choice
Aminet path:
biz/misc/EO10.lha
(215K)

78 %



How to contact Your Choice

Almost everyone has heard of the Aminet archives on the Internet, the largest collection of Amiga software in the world. 'Your Choice PD' has come up with an excellent option for Amiga users with no net access. Your Choice has packed the massive Aminet index file including a search utility/browser on to two bootable floppy disks. By sending £1.00 plus 70p P+P to Your Choice, you can then browse the index, select as many Aminet files as you like to fit on as many floppy disks as you care to order. Each floppy disk of Aminet files costs £1.50 + 70p P+P per order. Your Choice can be contacted at 39 Lambton Rd, Chorlton, Manchester M21 0ZJ. Tel: 0161 881 8994.

Vark 12 Utility compilation

Another Vark util compilation which packs a lot of stuff on the floppy for your quid. Much of it is excellent material which I've not even seen on the Aminet. Included is another CD filesystem re-written from the AmiCDROM source. Although not as good as AmiCDFS, it's still capable. There's also an updated screen driver for ShapeShifter which is much faster than the original and the Breathless 1.1 engine update is there too. The excellent FastExec program speeds up machines with fast memory and an IFF to ASCII producer plus details to fix the floppy drives on AT's new A1200s. Also useful are an ASL file requester patch to make directories appear first, a hard disk RDB back-up program and the excellent UrouHack utility which makes windows look amazingly different. This is a superb. Just one thing though Vark, make it accessible from WB please.

Available from: Roberta Smith DTP, 190 Fallooden Way, Hampstead Garden Suburb, London NW1 6JE. Tel: 0181 4551626. Price: 90p plus 50p P+P.

88 %

CyberShow 6.0a Picture Viewer

CyberShow is different from your standard picture viewers. Firstly it doesn't support any special custom screen modes such as HAM. All it does is display the chosen pictures on a public screen in a window. The more colours the screen has the more accurately CyberShow can render the picture (if it has a lot of colours). CyberShow was really designed for GFX board users who run the CyberGraphX RTG system.

This system can actually open standard intuition screens in up to 24 bit colour depth. CyberShow will produce a proper true-colour picture in a window of photorealistic quality. It's very handy and a one of a kind for GFX board users, but it's also still very useful as a picture viewer for Workbench. This is because of the staggering array of picture types supported, including IFF, PhotoCD, Jpeg, PPM/PGM/PBM, QRT, Targa, PCX, BMP, TIF, EGS7, DEEP, YUV, VLAB, RGB and a whole lot more, plus any datatypes available. It will even busy itself loading the next picture while you're viewing the last in slide show mode. There is a major catch though: it only displays greyscale unless it's registered which costs 30 German DM or about £15. It could be worth it though.



Available from: Your Choice. Aminet Path: gfx/board/cybershow60a.lha (98K)

88 %

StarBlank Screen Blanker

It's a compilation of screen blankers. I never saw the problem with turning the monitor off myself. Seriously though, I use the screen dimmer in MCP for functionality to avoid the very real threat of phosphor 'burn-in' which can and does leave images permanently on your screen if it's left showing a bright display for too long.

Blankers (or screensavers) are really for fun and this is an entire collection to have a laugh at including StarBlanker which gives the disk its title. This provides your screen with a nice moving starfield.

Others include Zodiac, Twilight, Rotor, Spliner, FracPlank, Star, PBlanker, FancyBlanker (which kept guruing on me, so I can't comment on it) and a hell of a lot more. All have their own peculiar graphical effect on offer. Some are better behaved than others, most are at least commodities so they can be removed and have their preferences appear by talking to them with the Workbench commodities exchange program.

The best effort on the disk was BServer which had a range of blankers which it would choose from random or by your own preference. It will also use your desired screen mode and some of the effects are quite neat for pose value.

Available from: Roberta Smith DTP, 190 Fallooden Way, Hampstead Garden Suburb, London NW1 6JE. Tel: 0181 4551626. Price: 90p plus 50p P+P.

77 %

Art Gallery

If you think you can do any better than this month's superb selection then send them in to the usual address. Go on.



These pics were conjured up using CU Amiga Magazine's Imagine cover disk using an A4000 with 10Mb. Thanks to Tony Evans, South Wales.



This picture of a wild west bar room was Emailed in by Thomas Zandere, <http://www.pimpernel.nl> He created it using Imagine on an Amiga 3000.



DPaint on an A1200 was the package Jon Court of Glasgow chose for his 'Miss America' picture.



Grame Kennedy, Canada, supplied a whole chockload of pictures all created on an A1200 with 40Mb HD. These two were both hand drawn using DPaint V and then reworked using Starburst.

AMIGA

workshop

IMAGINE 3.0 92

In part four of our tutorial series on the January '96 cover disk we take a look at the Action Editor: the heart of the program.



Imagine 3.0 p92

GRAPHICS MASTERCLASS 94

Creating a caricature can be fun and it's very easy to do. We show you how in Graphics Masterclass.

COMMS 96

Want to set up your own FTP and WWW server on the 'net. Follow our guide and you'll soon be webbing it with the best of them.

NET GOD 98

The new Walker has been brewing up a storm on the internet. See what our Comms expert has to say about it and what else is happening on the 'net.

SCALA 100

Are you the proud owner of an Amiga Magic Pack complete with Scala, but need a manual to use the program? Well this tutorial should help.

SUBSCRIPTIONS 102

There's still lots of savings to be had and it looks like the six month subscription is here to stay.

CD Q&A 110

If you were lucky enough to get a copy of our superb CD-ROM issue last month, here are some queries that you might have had solved for you.

POINTS OF VIEW 116

It's the boys club this month. The men of CU Amiga Magazine air their opinions on the Walker amongst other things.



Graphics Masterclass p94



Points of View p116

FAQ 104

Fancy graphics can be tricky to create on your World Wide Web pages, so here are your most irksome problems solved.

Q&A MASTERCLASS 112

Arexx comes in handy for all manner of things. This month, how to use Arexx in conjunction with other programs to automate features and add others.

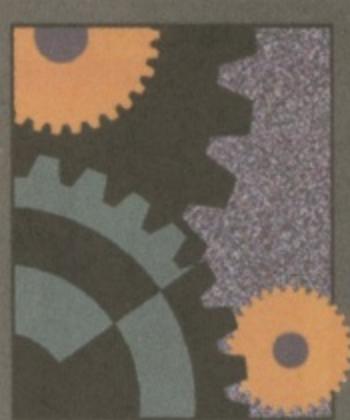
Q+A 114

The boys are back in town and they're ready for some hot brain-teasing action. All your technical hardware and software problems solved.

BACKCHAT 118

In response to criticisms of incompetent shop assistants an Escom manager writes in. Also, NFA reply: all in this month's hotbed of gossip.

Readers



The new Walker has been causing a lot of controversy on the net and in the office. Its unusual design is attracting comments from all quarters.

Points of view and NetGod both centre around this latest piece of technology from AT. When you finished with the Walker debate don't forget to tuck into our usual section of tutorials, question and answer pages, readers letters and top subscription offers.

Lights, cameras and the Action Editor

Imagine 3.0

PART
4

The Action Editor is where it all happens with Imagine 3.0. Want to grab some? Here's how ...

It may look confusing but the key to Imagine animation is mastering what happens in the Action Editor. It's where all the most subtle and yet powerful options are hidden away.

There are two reasons for using the Action editor. First of all, it defines how the objects loaded and placed in the Stage Editor change over time. Animations are fine-tuned here. You can create roughly what you want to happen in the Stage Editor and then control it to incredible accuracy in the Action Editor.

The display is of a grid, with the objects listed vertically and the frames in the animation listed horizontally. Every attribute of the objects can be controlled individually for each frame or the objects can be made to morph from one setting to another. As Animation is such a huge subject, we'll start our look at the Action Editor by examining its secondary purpose: controlling the global appearance of the world which you are rendering.

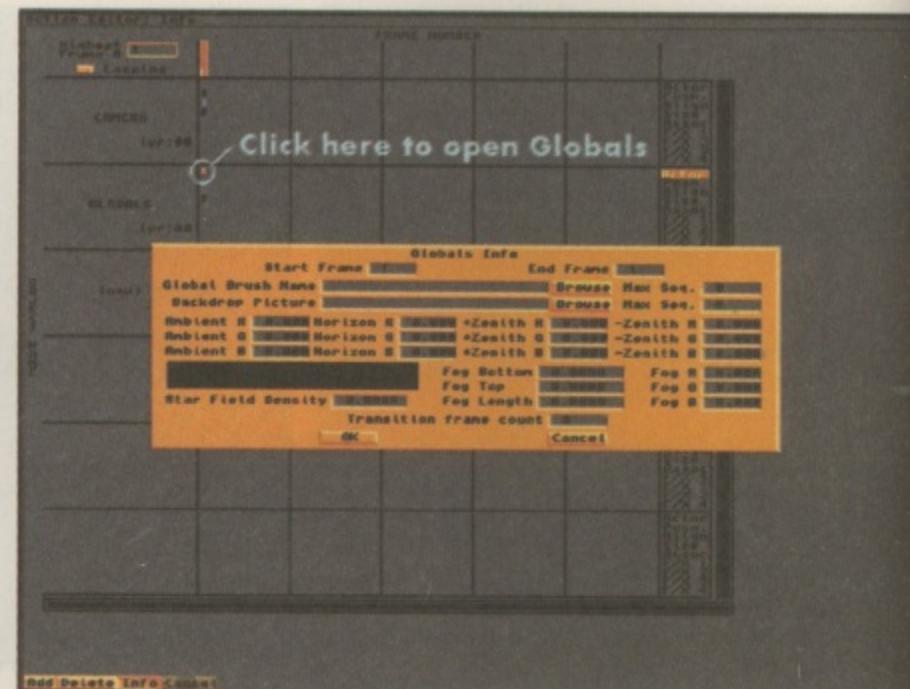
Globals

Every time you start Imagine, two special objects appear in the

Action Editor display. The first is the camera, which always needs to be present otherwise it would be impossible to view anything at rendering time. The second is called 'Globals' and it defines the environment of your virtual world. You can open up the Globals object by clicking on its entry in the Action Editor Grid. Click on the coloured bar in line with the 'Actor' setting. This should open a requester like the one in **Figure 2**, from where you can adjust the various settings.

We'll now go through the settings one by one. To see anything sensible, you should go back to the Stage Editor and load and position some objects including at least one light source. You can then try adjusting the Globals settings and go back to the Stage Editor for a QuickRender or move to the Project Editor to render the scene in detail. The Global Brush does not appear directly in a scene, however if any of the objects present are reflective you will see evidence of it. Imagine you want a shiny logo to appear against a black background. What would you see reflected in the shiny material?

Unless you have a global brush, you won't see anything reflected which makes for a boring image. Use a digitised image of clouds or even a blurred image of blue and white air-brushed patterns to make your reflections more interesting. The Global brush can be any size,



▲ Figure 2: you can adjust the settings very easily from within the Action Editor. Just click on the bar in line with the actor settings to open a requester such as this.

and will show up in either Scan line or Ray Tracing modes. Click on the Browse button to bring up a file requester.

Backdrop

The Backdrop image appears behind all the objects in a scene. You could use it to add a background, such as clouds or a cityscape. One trick when making animations is to render a backdrop (for example, a detailed planet) and use the image as the backdrop. This means you don't need to re-render the background over and over again. One rather irritating thing though is that the backdrop image must be the same size as the image you are rendering in the Project Editor, so remember to set both the same.

The backdrop picture will completely replace any background 'sky'. It is not a rendering object, it is simply plonked down

<-- Spheres with no global mapping set

The global image map

Spheres with the --> global mapping on

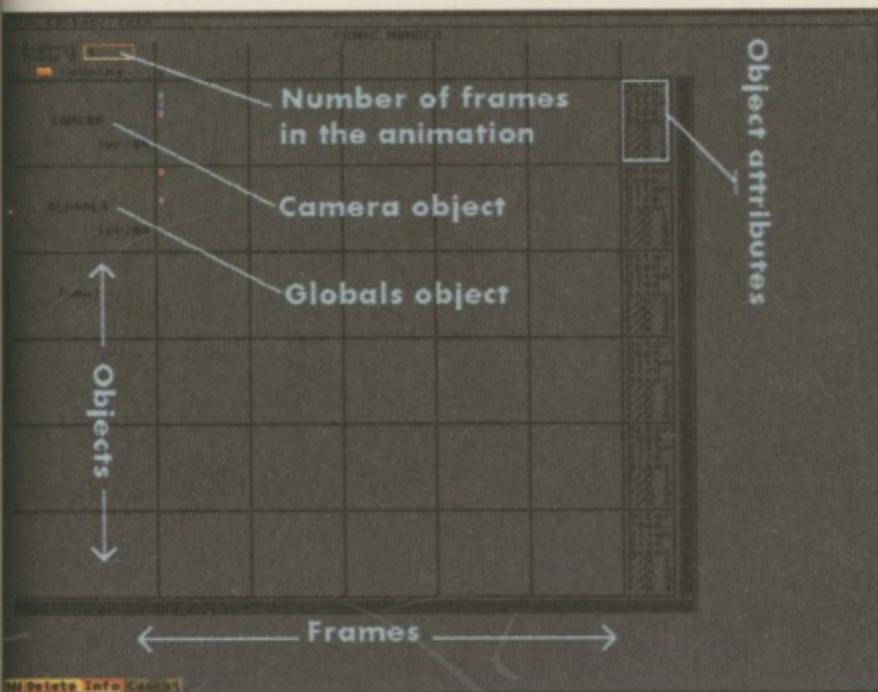
▲ The global brush is handy for creating reflections. It can be any size and will show up in scanline or ray tracing modes.

and added to the image. It therefore won't appear in reflections and won't show through transparent objects. If you want a background to show through an object, make a plane and map the texture director onto it instead.

Make sure any lighting, shadows and so on in the background image match the position of lights in the foreground.



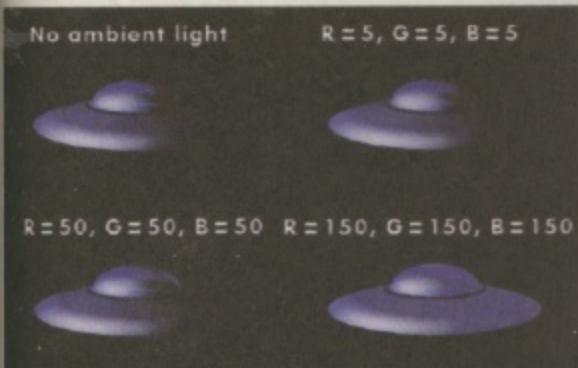
▲ The backdrop image appears behind all objects in a scene and it is ideal for creating an interesting background for your picture.



▲ A detailed screenshot of the action editor: now you know what goes where.

Ambient RGB

Selecting the right positions for light sources in a scene is a real skill. If you want to know the best locations, ask a photographer or get a book from your library. The Ambient light values are a measure of the amount of stray light in a scene. Ambient light has no direct source but it illuminates everything. It will therefore make shadows less dark and decrease contrast. You will need to set it according to the objects you are using, the number of light sources in the scene and



▲ Ambient light values control how much or how little light there is in a scene. You can set it for your scene accordingly.

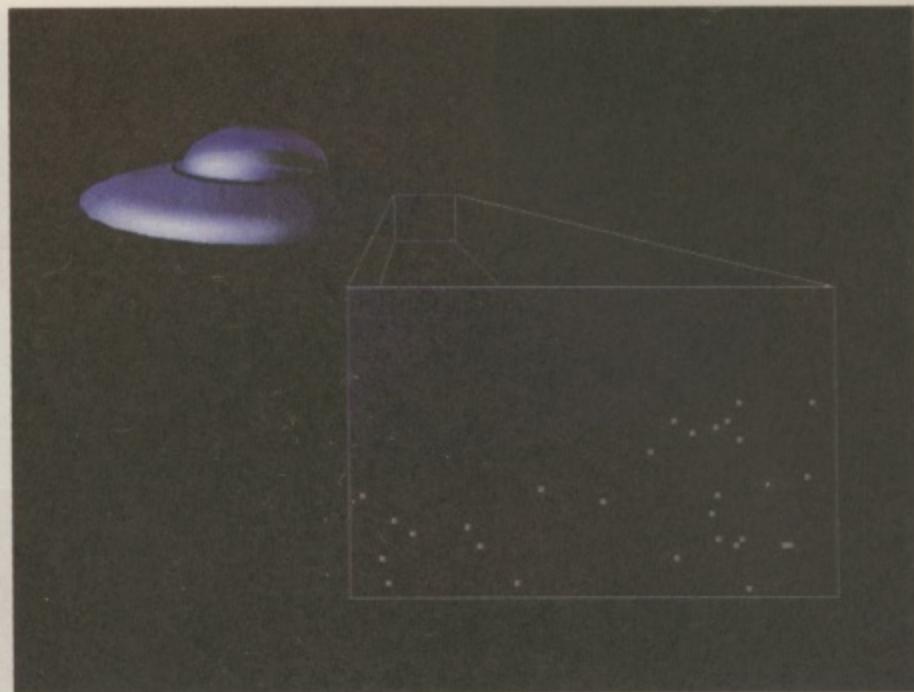
the mood you are trying to create. In these images, there is only one distant light source and different ambient light settings.

Horizon/zenith

If you don't want to use a Backdrop image, you can still adjust the colour of the sky. This is achieved with the three sets of three light settings: horizon, positive and negative zenith. The horizon is the centre of the screen and the zeniths are the very top and bottom of the sky (not the screen). If you move the camera up and down, the colours will move to reflect the change. The shading looks great and adds a lot to a scene with minimal effort. Obviously if you have a Backdrop image selected, you won't see the colours.

Star field

Calling all Star Trek fans... yes, this is the



▲ To create a realistic galaxy of stars you can try painting white dots inside a black sphere.

effect you have been waiting for. Simply enter a number other than zero into this field and you'll get an instant star field. Small numbers work best – try 0.01 to start with. Higher numbers look a bit weird. Sadly the stars never seem to show up well in print, so I've made the sky reddish and included a magnified view. In Imagine 3 the stars don't animate well and so for epic productions you may wish to create your own starfield by creating a black sphere and painting white dots onto the inside. For parallax effects: well, that's a different story all together.

Fog settings

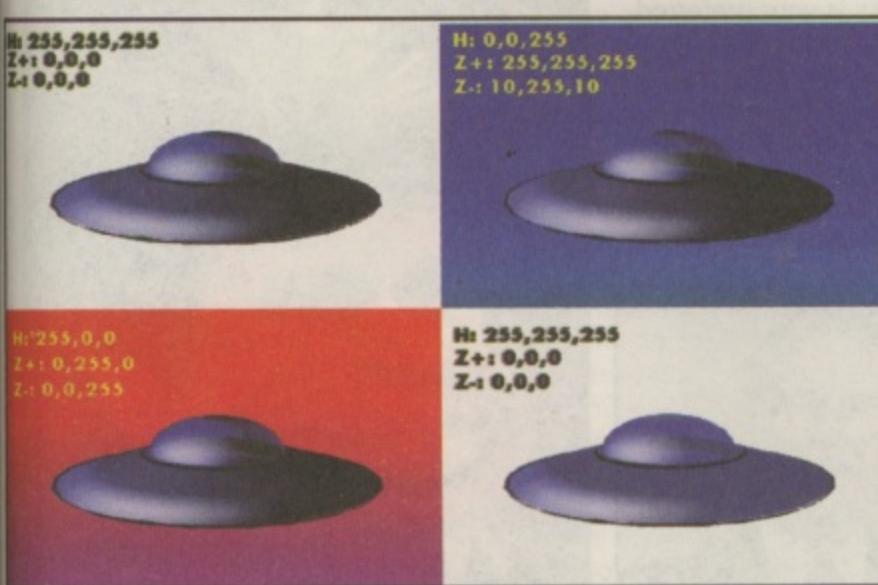
The global setting which adds most to the 'atmosphere' of your scene, is the Fog feature. There are six values to set: three of which are the red, green and blue colour of the fog. The other settings are vertical dimensions of the fog (for example, set bottom to -100 and top to 100 for a bank of fog 200 units high) and

the distance from the camera at which an object is halfway buried. It takes a lot of experimentation to get the values just right for your scene. This image has the following settings: Fog Bottom: -100 Fog Top: 100 Fog Length: 500 Fog Red: 25 Fog Green: 25 Fog Blue: 25 Try these settings in your own image and then fine-tune them as necessary.

Miscellaneous

The Start/End Frame values are for when animations are being created and so we'll look at that next month. The same goes for the 'max seq' which allows backdrops to be animated, and 'Transition frame count' which defines how different global settings merge from one to another. Next month we really start to get things moving as we look at Imagine's powerful animation facilities. Order your accelerator cards and larger hard disks now!

John Kennedy



▲ Another option is to adjust the colour of the background rather than use a backdrop image. To change the colour you need to alter the settings: horizon, negative zenith and positive zenith.



▲ For some extra atmosphere a foggy effect goes down well. To achieve this you need to set six values: red, green, blue, the vertical dimensions and the distance from the camera.

Graphics Masterclass



Caricatures

Creating a caricature from a digitised photograph is not only fun but surprisingly easy to do, at least in a rather basic form. Caricatures work by exaggerating certain features to comical degrees. A skilled artist will be able to look at a face and see immediately which features need most attention. Basically these will be the most dominant aspects of the face. For example, if anything is unusually large, make it much bigger. The same goes for small features, which should be reduced.

Sometimes it's not individual features that are the key – the overall shape of the face or head can often be the most outstanding aspect of someone's appearance. For example, a caricature of John Cleese might extend the height of the entire head with very little exaggeration of the individual features. It's also worth taking into account the perceived personality of the character – are they

brash and bold, shy and retiring, rough and ready? All of these points can be taken into account.

How to cheat

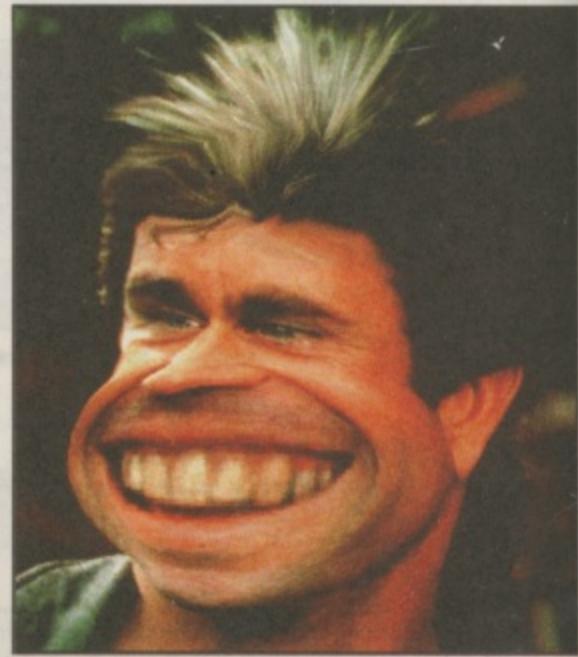
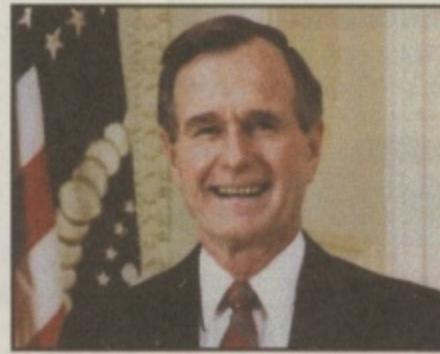
You want to cheat? OK, the easiest and quickest way to make your first caricature is to get hold of a digitised photo of your subject and cut the face in half horizontally. Try making the cut just below the eyes and around the bottom of the nose. Now pick up each part as a brush and expand the top part and shrink the bottom part, then paste them back down again. Hey presto: a basic caricature!

If you want to do the job properly you need to cut up the face into its component parts: hair, forehead, eyes, nose, mouth, cheeks, ears and chin. Put these aside on a spare page. Now you can set about resizing each part and putting the face back together. One final trick is to use the original

shoulders and body of the subject but make this much smaller in comparison to the head. This alone will give your characters an instant puppet-like appearance.

Due to the amount of cutting and pasting that this technique involves you will probably find it best to use Image FX, DPaint, PPaint or Brilliance as they all have good brush handling options. If Photogenics is your preferred tool you might like to use the following techniques instead.

The warper tool is very handy for quickly expanding or shrinking individual



Fast cars, strange-looking men. Anything's possible when you know how. And we're here to teach you.

features. In the Mel Gibson example his mouth was altered by dragging out a warp area that matched the contours of his cheeks. Depending on the area you are changing you'll need to use different warp settings, positive numbers to expand and negative to shrink.

Both the George Bush and Mel Gibson pictures are taken from the Nothing But GIFs CD from 17 Bit Software. See their advertisement in this issue for details.



Speed limit

This rather stylish picture of a highly desirable Mercedes Gullwing is the result of a fair bit of work using Image FX and Photogenics. The original picture came from the Nothing But GIFs CD from 17 Bit Software. It's included on last month's cover-mounted CD in the CUCD:17_Bit_PD/17BIT-GIF/GIFS/ DIGITISE/TRANSPORT drawer and the file is called '200004.GIF'.

The idea was to take the static picture and inject some speed and excitement into the scene. Subjecting the whole image to a simple motion blur process is the obvious solution, but the results would be a lot less dramatic than this.

Let's start off with the background, which was created in Image FX using the Remove Feature option from the Effects menu. The original picture was loaded and then the left half of it was deleted by dragging a large black box over the area to be removed. Now when the Remove Feature option is selected, the remaining graphics on the right of the screen are smeared across to the left,



resulting in a very pleasant motion blur effect.

Motion blur

Next the car was cut out from the background. The easiest way to do this is remove the background with a big paint brush, then carefully remove the parts around the edge of the car. You can then pick up the car using the Scissors icon, clicking it twice to turn on the automatic background detection. This is much easier than trying to outline the whole car by hand in one go.

With the car isolated it was then loaded into Photogenics and subjected to a motion blur process with an angle setting of 270 degrees (right to left) and a length of 50 pixels. This was repeated to emphasise the effect. The same could still be done from within Image FX, it's just a matter of personal preference. Then the car was moved into the secondary buffer and the blurred background was loaded. The



background was then composed with the blurred car using the Brightness Key option to fade the two together.

Finally to add some definition and detail, the original cut out of the car (not the blurred version)

was loaded into the secondary buffer and the Compose function was used once more, superimposing the sharp detailed image over the blurred main picture. ■

Tony Horgan

Wired World

PART
10

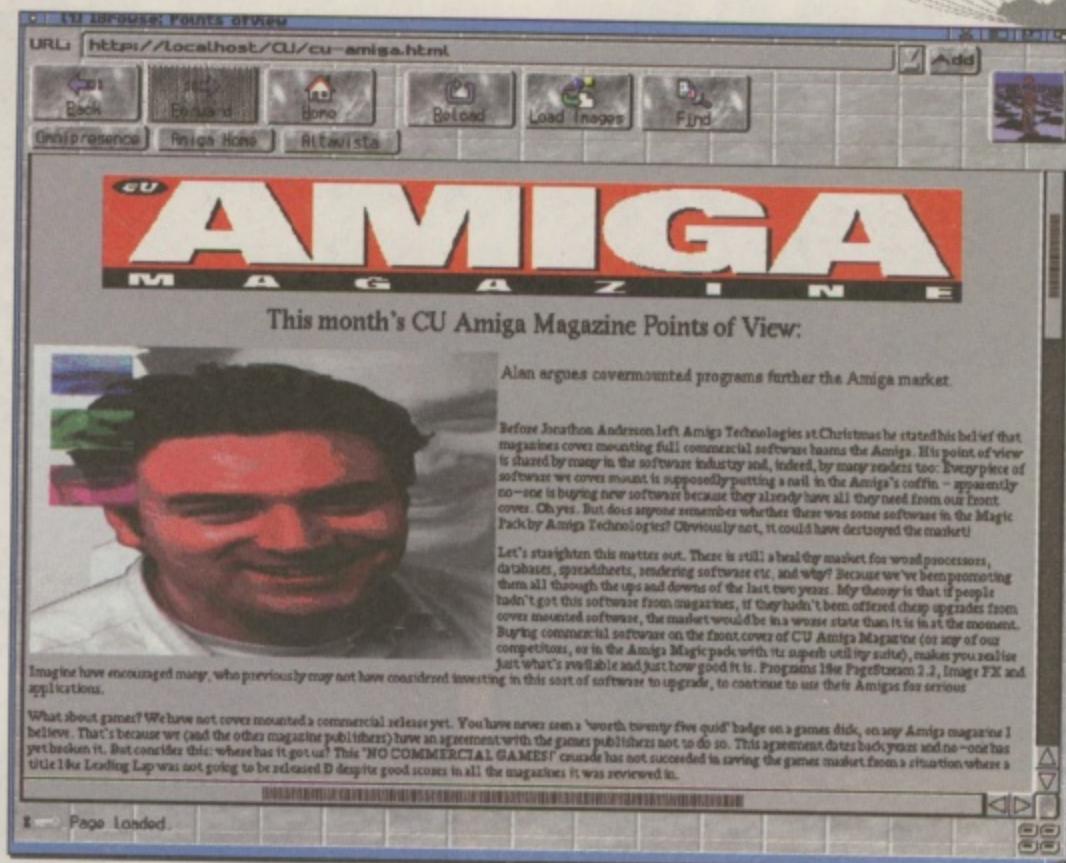
This month we set up an FTP and WWW server on our Amiga. Now all we need is cheap permanent I'net connections and we're sorted.



When we were covering the FTP client's February Wired Word, we promised to explain how to set up an FTP service on your own machine. Here is that explanation; the daemon we'll use as an example is available on any Aminet mirror under the path `comm/tcp/mlftpd 14.lha`. There are other FTP daemons available and the techniques are similar though most tend to be more complicated than the one supplied by Magnus Lilja (of AmiFTP fame). The first step is to copy the 'ftpd' executable into the AmiTCP:Serv directory. Then load the config file `inetd.conf` into your text editor. This configuration file details what to do with each service available on your AmiTCP set-up. Ensure there is no line that starts with `FTP` and if there is, comment it out by placing a hash (#) in front of it. Now add the line in **figure 1**.

Save the config file and then load your AmiTCP:Serv/`passwd` file into your text editor. This file details the users able to log in to your system. It would be a good idea to add a couple of lines as in **figure 2**.

Note that the path embedded between the bar characters at the end in **figure 2** is `Main:ftp`. This should be changed to describe the location of the root directory of your own private FTP site. Decide where it will be and fill in your own path here. You might like to make an assign and use this to disguise



▲ The CUCD Web site pages being served by the Amiga Web Server (AWS). AWS is fairly easy to set-up and allows you to run a WWW site on your own Amiga. Now all you need is a leased line.

the actual physical drive names on your system. Always a good security precaution.

Now two more text configuration files have to be created: 'ftpusers' and 'ftpd' must be created and saved in the AmiTCP:db directory again. The `ftpusers` file is a list of users who are effectively banned from using your FTP service. This is another security precaution to make sure no-one can log on to access all your drives

with your own privileges. Just copy the `ftpusers` file from the `mlftpd` archive into AmiTCP:db. 'ftpd' is a little more involved. It details all the directories to which anonymous users can gain access to. Anonymous users would normally be everyone who logs in remotely. An example would be;

`Main:ftp`
`Main:ftp/incoming W`

This means everyone can log onto `Main:ftp` (which may contain directories which users can enter). The second line has a special 'W' flag afterwards which means 'Write'. Anonymous users can

Figure 2

```
anonymous | * | 3 | 99 | Anonymous FTP User | Main:ftp | cli
ftp | * | 3 | 99 | Anonymous FTP User | Main:ftp | cli
```

Figure 1

```
ftp      stream      tcp nowait root AmiTCP:Serv/ftpd ftpd -x -b30
```

upload ONLY to this directory. Copying this kind of format is advised. Lastly, there's a couple of text files which users will see when the log on. Firstly, 'ftpbanner' should be a nice text file which will be displayed to everyone who logs on. It should be left in the AmiTCP:db directory again. Secondly, 'welcome' will be shown to anonymous FTP users and has to be installed in the first line in your `ftpd` config. In this case that would be `Main:ftp`. You're ready to go! Test it out by logging in via your FTP client to 'localhost'. When you link up users should now be able to

log into your machine and upload into the incoming directory and download any other files present. Why would you run an FTP site with a dial up account? It's a lot less messy than sending binaries via E-mail and such forth and no-one need bother you with the access to your machine. I keep my favourite module collection in the FTP-demon for people to access and upload any other module they think I might like. In practice it's of most use when many people know you are linked up such as being present on an IRC channel etc.

Security!

One of the configuration files within AmiTCP:db is called `inet.access` and it controls which IP addresses have access to what services on your machine. Most people will not have many services, daemons or other automatic systems running on their

```

Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to Tru.ac.uk!P_Young
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to nshsn3.aow.bt.co.uk!nickb
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to cse.hks.se!d3n!
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to cbl.leeds.ac.uk!julian
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to areib.srcc.ac.uk!drew
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to soton.ac.uk!jrp
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to newcol.demon.co.uk!nc005028
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to dmu.ac.uk!hc25k
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: Send[ng ma[ to newcol.demon.co.uk!nc005028
Thu Feb 29 14:00:43 1996 [info] : Ma[ck: SENDING[ng ma[ to 0145181pex.com!118
Thu Feb 29 14:00:43 1996 [note] : Access from host 129.242.152.105 to port 25 denied
Thu Feb 29 14:00:43 1996 [note] : Access from host 129.242.152.105 to port 25 denied

```

▲ This access to our SMTP port 25 could be some system trying to deliver mail directly to us but it could also be some nasty individual trying to crash our machine. Either way the access was denied.

Figure 3

```

smtp      158.152.1.*      allow      log
smtp      *.*.*.*      deny      log

```

Figure 4

```

ftp      158.152.*.*      allow      log
ftp      *.*.*.*      deny      log

```

AmiTCP set up but one very common service is an SMTP daemon or Simple Mail Transfer Protocol. This is the program that waits for SMTP mail if your provider uses such a service. Those users with their own full domain such as Demon users will have SMTP mail. Unfortunately the Amiga SMTP daemon isn't 100% foolproof and can be crashed by some nasty person writing illegal characters to your SMTP port (TCP port 25 for the technically minded).

Unfortunately if we lock everyone but the actual provider out of the SMTP port, other machines won't be able to deliver SMTP mail directly to you and will instead have to route it via your host. This isn't a large problem though and the extra security makes it an essential addition until a rock solid SMTPd comes along for the Amiga. An example of locking out everyone but Demon Internet Services via your inet.access file is shown in **figure 3**.

The first entry indicates that we are talking about the smtp service as defined in the Amitcp:db/inetd.config file. The next is a simple wildcard system. The first line specified Demon's IP address with any number on the end. All of the IP addresses that match this pattern are Demon themselves. The next keyword is obviously to allow or deny the access. Lastly, if

logged on you'll see the result in the AmiTCP log CON: window. The reason that they're two lines is because AmiTCP will try and match each in turn. If Demon accesses your SMTP daemon, it'll reach the first line and see that access is allowed. For anyone else the first line doesn't apply but the second does since it matches everyone and will hence deny them access.

This technique could be used to limit any services to any providers etc. A couple of lines like those in **figure 4**; would allow anyone using Demon as their service provider to access the FTP daemon we've just set up but no one else. Of course you could change this so that only your friends have access by entering in many lines containing all their IP addresses. Assuming that your friends are using a provider which gives them a static or non-changing IP address of their own. Many providers assign IP addresses only when the dial-in customer logs-in though so this technique will not work in that case though you could apply wildcards to the entire provider if need be. It's quite common to lock out certain American providers famous for their quantity of irresponsible customers.

Amiga server

OK so now we have an FTP daemon running on our AmiTCP

system, why not go the full hog and set up our very own WWW site on our Amiga? Yes it's possible and in fact it's not even very difficult. The most difficult bit will be creating the HTML pages themselves. Check out John Kennedy's FAQ this month for some pointers to creating HTML pages.

First of all we need to FTP Mike Meyer's excellent Amiga Web Server by FTPing to either max.physics.sunysb.edu/pub/amiga/amosaic/aws or ftp.phone.net/pub/amiga/aws/ then retrieve the following files;

```

common-097.lha
html-097.lha
aws-amitcp-20.lha

```

The last one can be substituted to aws-amitcp-00.lha for the 68000 version if that's the CPU you have. Now create an AWS directory in your AmiTCP: assign. Next set up an AWS: assign to this newly created directory. Add an assign to your user-startup or even your AmiTCP:Bin/Startnet script. I use MCP to handle my prefs so it's a simple matter of adding AWS in the GUI prefs editor. I recommend such a utility for people using AmiTCP and such forth that requires a lot of assigns to be assessed frequently.

Now via the Shell, change directory (CD) to AWS: and extract all of the archives in place with LHA. AWS is basically installed now. If you've attempted to install some other WWW server on your machine, ensure that any port 80 or http entries are deleted from Amitcp:db/services and Amitcp:db/inet.config. If you're

running a stock AmiTCP set-up, you won't have to worry about that.

There is a configuration file which resides in AWS:conf/ and is simply called 'aws'. The one installed is of no use but there's a completely commented config file called 'configfile' inside the HTML directory which you may use for reference. Incidentally the HTML directory is the documentation for AWS in HTML format. To read it, load up your WWW Browser and select 'load local' or the like and pick AWS:HTML/index.html. An example configuration would be as in **figure 5**.

The vital bits to change are the server name on line 2 which would be your full E-mail address minus the username. The second is an E-mail address for errors and such forth. You can make this your own address. Leave everything else as it is except the final entry which should be the location of your HTML pages for your site. In this case it's Main:WWW. Save the file as AWS:conf/aws. Now all that's required to run AWS is to run the server itself. To do this, add this line to your Amitcp:bin/Startnet script at the bottom or activate it by hand when needed;

Run >nil: AWS:AWS

If all goes according to plan you now have a working WWW site on your Amiga! Test it out by accessing <http://localhost> via your WWW Browser. When you link up, others should be able to surf your own site and you'll have a record of their accesses and errors in the two logfiles in UUSpool: called http_access and http_error. Don't forget to check out the HTML AWS documentation as there's some very nifty features such as Arexx scripts which can be employed to great effect. Enjoy! ■

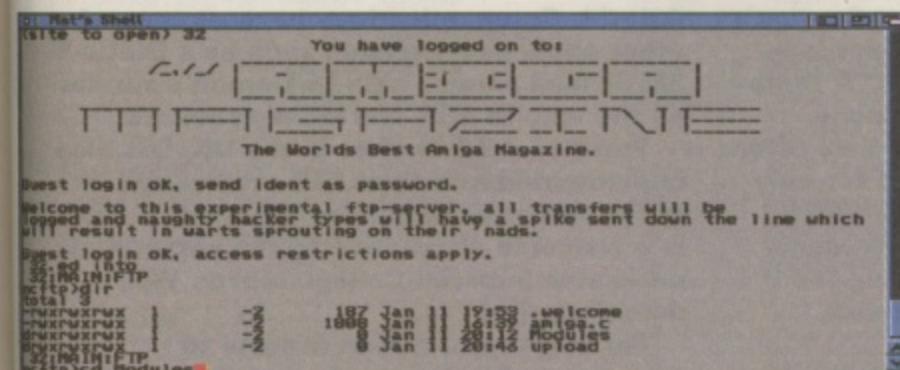
Mat Bettinson

Figure 5

```

port 80
servername cu-amiga.demon.co.uk
maintainer webmaster@cu-amiga.demon.co.uk
indexfile index.html
hoursoff 0
accesslog uuspool:http_access
message log uuspool:http_error
deftype text/plain
type text/html html
type application/postscript ps
type application/octet-stream lha
type image/gif gif
type image/jpeg jpg jpeg
type image/x-xbitmap xbm
map /null null -
map / directory Main:WWW/

```



▲ Here's our FTP site running on miFTPd. When linked up, kindly souls will upload some modules we might like and avail themselves of anything they might want. You scratch my back ...



Net God speaks

Woahl Details of a new Amiga, Project

Walker, are now wild-ly circulating on the 'net. Huge debates as to whether its great or just an ugly-looking piece of hardware abound. I'd like to reflect on the Walker in a positive light. WB 4.0 will contain AmiTCP IP connectivity in the bundle though hopefully it won't include the hideous AmiTCP or Inet225. The

Walker machine has a high speed serial port at last and criticisms of a stock 2Mb machine's viability don't apply. It could well be the ultimate consumer Internet box and maybe the world will sit up and take note with those outrageous looks. I can find little to fault AT's strategy with a cool machine in the oven and a pro-active Internet policy. The future looks great for us net heads and I'm darn glad I stuck with the Amiga. Roll on Walker!

Surf's up!

A new Amiga causes slightly more than a storm in teacup, Hi-Soft release their own surf pack and net training via video.

DLG BBS 1.1 update

DLG's Jeff Grimmett recently announced a bug-fix and enhancement update to version 1.1 free for all DLG SysOps. The update is said to contain more than 150 fixes and updates to make DLG more stable, reliable and versatile than it has been in the past.

DLG owners looking to upgrade should turn to their local support site or the author's FTP site at <ftp://ftp.bitnova.com/> DLG. The UK support site is Tony Miller's 01 for Amiga BBS on 0171 247-9240 or 2:254/500 via Fidonet.

Amiga I'net tutorial Video

Better Concepts Incorporated, of Garnerville New York, have announced the arrival of a new Internet tutorial video inspiringly titled 'The Connect Your Amiga To The Internet Video'.

The 60 minute duration video is claimed to walk the would-be I'netter through every step necessary to set up their hardware and software. Better Concepts say that the teaching method will involve 'following along step by step as you watch,

▲ Hi-Soft should, at the time of publication, be shipping their alternative to Amiga Technologies Surf Pack, Squirrel Surf Pack.

live, an actual Amiga monitor along with our experts, getting on-line from scratch.'

Makers of the the video say it will incorporate tutorials which will cover AmiTCP, several Amiga mosaic programs, Thor and much more. CU Amiga Magazine will review the video shortly which is available in PAL for Euro Amiga users. Retailing at US\$34.95 with two floppy disks of software, you can E-mail darkuni@qed.net, WWW to <http://www.qed.net.bci> or even fax an order to +1-914-786-1708. Finally you can snail mail Better Concepts Inc, 36 Dye Street Garnerville NY 10923, USA.

Frontier mirror Aminet

Since the Amiga Surf Pack software will not function with Demon Internet Service's SMTP mail system, another provider is needed for users of the Surf Pack. A representative of Frontier Communications, Kieron Robbins, pointed out that they offer a Dynamic IP POP3 mail account for only £8.50 per month (+VAT) with 512K Web space free. Frontier have 100% UK local call access and charge a £25 set-up fee if you're not paying for a year's service up front.

Mr Robbins, an Amiga user himself, is keen to make it known that Demon

aren't the only choice and says that Frontier Communications have a range of other packages available such as a Static IP SMTP mail service akin to Demon's service all the way to BBS and ISDN accounts.

Frontier, AKA TheNet in the UK, has also implemented a Aminet FTP archive mirror at <ftp://ftp.thenet.co.uk/pub/amiga/aminet>. This is a welcome alternative to the sometimes unreliable Imperial College mirror. Well done Frontier!

For more information browse to <http://www.frontier.co.uk> or call their sales team on 01273-795400.

HiSoft Internet in a box

Hi-Soft will soon be shipping Squirrel Surf Packs, their answer to the Amiga Technologies Surf Pack. Based on AmiTCP 3.0 and the commercial release of iBrowse, the 'Squirrel Surf Packs' will be a high power alternative to AT's product. What's more the hardware/software bundle comes with a ready to run one month trial service with Frontier Communications.

Each bundle includes a Surf Squirrel with its high speed serial port, Internet software and the choice of a 14K4 or a 28K8 modem. The details of the other clients, such as mail and news, haven't been finalised. We will print more details when available. So far it looks like Hi-Soft's entry, starting at £199, into the Internet-in-a-box market will compare favourably in the UK to AT's own Surf Pack. Mail Hi-Soft at hisoft@cix.compulink.co.uk or call them on 01525-718181 for more information. ■

NetGod is a freelance journalist whose identity is kept secret to ensure confidentiality.



STAGE & PACKING
- INCLUDED
EUROPE - £ 2.00
REST OF WORLD - £ 3.50

Premier Mail Order

Please Send Cheques/POs Made out to Premier Mail Order or

Visa/Mastercard/(Switch + Issue No) & Expiry Date to:

Dept: CU05 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ
Mon-Fri 9am-7pm Sat&Sun 10am-4pm. Please note: Some titles may not be released at the time of going to press.

Most titles are despatched same day, but can take up to 28 days. VAT is INCLUDED on all titles. E&OE

TEL : 01268 271172

FAX : 01268 271173

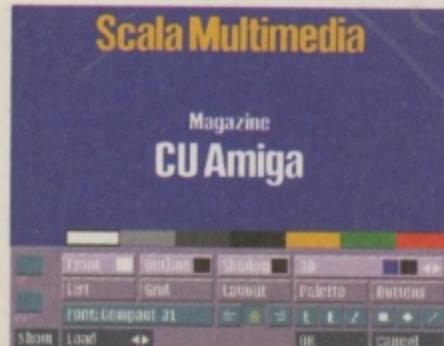
CIS : 100307-1544

500	1200	CD	500	1200	CD	500	1200	CD
Attack Sub	10.99		Line, Chinese Chess	19.99		Total Football	22.99	
Dark Killer	12.99		International One Day Cricket	9.99		Mouse	10.99	C014 Assassins
Approach Trainer	26.99		IntOS -AMOS	16.99		Mousehouse	1.99	C016 Garden Designer
BLITZ COMPILER	29.99		ITS Cricket	18.99		Mousemat	1.99	C017 X Beat
Family	8.99		James Pond 3	8.99		Joystick/Mouse Extension Cable	6.99	UTILITIES
3D	19.99		Jimmy White's Snooker	12.99		Joystick Y Splitter	4.99	U003 The Workshop
3D-Killing Grounds	22.99	22.99	John Madden Football	10.99		Logic 3 Delta Ray Autofire JY156	10.99	U006 Address Book
3D-Racer	19.99	19.99	Jungle Strike	21.99	21.99	Logic 3 Quattro GT Autofire JT155	10.99	U008 Asteroid
World	12.99		KGB	12.99		Logic 3 Quattro JT154	8.99	U010 Autograph
Knights	8.99		Kick Off 3	9.99		Logic 3 Sigma Ray - Autofire	10.99	U014 Panasonic Printer Driver
Pool	8.99	12.99	Kick Off 3 European Champs	9.99		Logic 3 Sigma Ray - Autofire	12.99	U015 H.P. Printer Driver
Maclean's Pool	10.99		King Chaos	19.99	19.99	POWER SUPPLY UNIT	39.99	U016 Seikosha Printer Driver
Games	19.99		Kingpin	10.99	12.99	Quickjoy Hyperpad SV136	8.99	U017 Cannon & Citizen Printer Driver
Winners 2	19.99		Kings Quest 1, 2, 3, 4 or 5	12.99		Quickjoy Pedals SV129	9.99	U020 Bad Format
Ring Fortress	12.99		Kings Quest 6	22.99		Quickjoy Turbo SV124	10.99	U021 Amiga Beginners Guide
Jumpers	9.99	9.99	Last Ninja 3	9.99		RAM Board - A1200 - Bare	59.99	U022 Better Bench V1.2
Leather	19.99		Leading Lap	19.99	19.99	RAM Expansion 4 MEG 72 Pin SIMM	59.99	U023 De-grader 500 600 1200
Iron Gate	16.99		Legends of Valour	12.99		RAM Expansion 8 MEG 72 Pin SIMM	139.99	U024 Extermin-8 Virus Killer
of Prey	12.99		Leisure Suit Larry 1 or 2 or 3	12.99		RAM Expansion 16 MEG 72 Pin SIMM	445.99	U027 Fake Memory for a 1200
Crypt	10.99		Lemmings 1	19.99		Saitek Megagrip -2 Autofire MX220	10.99	U028 Action Replay For The 600
2.1	17.99		LEMMINGS 3	19.99		Saitek Megagrip 7-MX732 (Analog) (AAR)	13.99	U029 Amiga Tutorial
BASIC	22.99		Links - The Challenge	12.99		Screenbeat 3 Speakers SB203	12.99	U030 A.C.E.S Database
Bombers	19.99	19.99	Lion King	19.99		Screenbeat 4 Speakers SB204	11.99	U035 Text Plus v4.00
Tennis	19.99		Lombard RAC Rally	6.99		Screenbeat 5 Speakers SB205	11.99	U037 Ultimate Cheats And Solutions
Galaxy	19.99	22.99	Lotus Trilogy - Lotus 1,2,3	9.99		Screenbeat 25 Speakers SB 225	21.99	U038 Number Pad For 600
Bows Galactic	22.99		World Class Leaderboard	10.99		Screenbeat Pro 50 Speakers SB250	32.99	U039 Calorie Base
Romeo Delta	8.99		World Cup Golf	29.99		Screenbeat RCA Adapter Cable	1.99	U040 J.R Comm
WITLESS	25.99		WORLD CUP YEAR '94	19.99		Screenbeat Power Supply	7.99	U041 Race Raptor
Ps of Fury	19.99	19.99	World Of Clipart	9.99		U042 Pools Pools V2	1.25	U043 Training Log
Football	13.99	19.99	World Of Gif	9.99		U044 Mastie Niblick	1.25	U045 D-Solve
Squeak	17.99	19.99	World Of Pinups Vol 1	9.99		U046 Lockpic V2.0	1.25	U047 Reko Kick V.1.4
Maniac	10.99		World Of Pinups Vol 2	12.99		U048 Procad Eiectro	1.25	U049 Dividends Winner
Time	17.99	17.99	World Of Photo	9.99		U050 Essential Virus Killer	1.25	U052 Soccer League
Design 2	12.99		World Of Sound	9.99		U053 Soccer League	1.25	U054 TERM V 4.0
Pay Off	12.99		World Of Football	19.99		U055 Virus Checker V 7.18	3.75	U056 Parnet
Fodder 2	19.99		World Of Golf	17.99		U057 Disksalve	1.25	DEMONS & RAVE
Fodder	12.99	19.99	World Of Soccer	7.99		D001 Night Breed	1.25	D002 Iron Maiden Slideshow
Wolfo	8.99		World Of Soccer	12.99		D003 Good Morning Vietnam	1.25	D004 Creep Show
SHIPMANAGER 2	19.99		World Of Legend	12.99		D005 Fracion Horror Show	1.25	D006 Total Recall Slideshow
Manager End Of Season	11.99		WORMS	19.99	19.99	D007 Evil Dead (1 meg)	1.25	D008 Batman Cartoon
ISOLATION	12.99		Wreckers	19.99		D009 Robocop	1.25	D010 Viz Slideshow
Collection - Delphine - Flashback, Cruise			WWF 1 or 2	8.99		D011 Not The 9 O'clock News	1.25	D012 Raider Of The Lost Ark
A Corpse, Another World, Future			X-IT - Zonked	16.99		D013 Predator Demo	1.25	D014 Safe Sex
Operation Stealth	16.99		XP 8	19.99		D015 Stealthy 2 (1 meg)	1.25	D016 Jimi Hendrix Slideshow
Cell - Lucas Arts - Monkey Island, Indy			Zeewolf	12.99		D017 20 Popeye Meets The Beach Boys	1.25	D018 Holsten Pils
Last Crusade Adv, Loom, Zak			ZEE WOLF 2 - WILD FIRE	25.99		D019 Popeye Meets The Beach Boys	1.25	D020 Moonwalker Demo
Maniac Mansion	19.99		SPECIAL OFFERS			D021 Predator Demo	1.25	D022 Mike Tyson (1 meg)
War	9.99	9.99	Body Blows	12.99	12.99	D023 Predator Demo	1.25	D024 Terminator
Football	9.99	9.99	One Day Cricket	8.99		D025 Life Of Brain	1.25	D026 The Garfield Slideshow
Bequest	10.99		ON THE BALL - WORLD CUP EDITION	9.99	9.99	D027 The Garfield Slideshow	1.25	D028 Teenage Turtles Slideshow
Combat Classics 1 - F15 II, 688 Attack Sub, Team			On The Ball- League Edition	19.99	22.99	D029 Wwf Slideshow	1.25	D030 The Gathering Gfx
Attack Sub, Team			Operation Harrier	8.99		D031 The Gathering Gfx	1.25	D032 Popeye Meets The Beach Boys
Space	12.99		Operation Stealth	11.99		D033 The Gathering Gfx	1.25	D034 Moonwalker Demo
Space	12.99		Oriental Games	8.99		D035 Predator Demo	1.25	D036 Wwf Slideshow
Generation	12.99	17.99	Outrider	22.99		D037 Predator Demo	1.25	D038 Enterprise leaving Dock
Seed	12.99	19.99	Patrician	12.99		D039 Enterprise leaving Dock	1.25	D040 Girls of Sport
Paint V	59.99		PGA European Tour	12.99	12.99	D041 Enterprise leaving Dock	1.25	D042 Girls of Sport
LUXE VIDEO 3	66.99		PGA Tour Golf	12.99		D043 The Run (1 meg)	1.25	D044 Star Trek Animations
Maniac	17.99		PINBALL PRELUDE	19.99	19.99	D045 How To Skin A Cat	1.25	D046 Popeye Meets The Beach Boys
Beast	10.99		PINBALL PRELUDE	19.99	19.99	D047 Calendar Girls	1.25	D048 Batman Cartoon
2.9	22.99		PLAYER MANAGER 2 EXTRA	13.99		D049 Techno Warrior	1.25	D050 Essential Virus Killer
2	12.99		Pole Position	19.99	19.99	D051 Jesus Loves Acid	1.25	DEMOS & RAVE
AMOS	17.99		Police Quest 1 or 2 or 3	12.99		D052 Rave Length	1.25	D053 Soccer League
For A Corpse	12.99		Populous & Promised Lands	12.99		MUSIC		D054 TERM V 4.0
Amos	10.99		Populous 2	12.99		D055 Virus Checker V 7.18	1.25	D056 Parnet
Space	22.99		POWERBASE V3.5(DATABASE)	12.99		D057 Disksalve	1.25	D058 Motiv-8
Generation	12.99	17.99	Powerdrive	9.99	19.99	D059 Wwf Slideshow	1.25	D060 Sound Track Slammer (4 disks)
Seed	12.99	19.99	Powerhouse	22.99	22.99	GAMES		G014 Zalycon
Paint	59.99		Powermonger & D/Disk	12.99		G015 Earth Invaders	1.25	G016 Mayhem
LUXE VIDEO 3	66.99		Prem Man 3 Multi Edit Sys	10.99		G017 Mayhem	1.25	G018 The Fun House
Maniac	17.99		Prime Mover	17.99		G019 Amos Games	1.25	G020 Games Galore
Strike	12.99		PRIMAL RAGE	19.99		G021 Quadrax (pal only)	1.25	G022 Buzzard
Challenge	10.99		Project X	10.99		G023 Break Out	1.25	G024 Demolition Mission
Stealth Fighter	11.99		Pro Tennis Tour	6.99		G025 Lady Bug (not 600 or 1200)	1.25	G026 Depth Charge
Stealthfighter	12.99		Pushover	8.99		G026 Dual	1.25	G027 Relayer
2.1	12.99		PUTTY SQUAD	19.99	19.99	G028 Spitfire Assault	1.25	G029 Top Secret
Settlers	12.99		Putty Squad	19.99	19.99	G030 Wwf Slideshow	1.25	G031 Flaggcatcher
Frontier	19.99	19.99	QWAK	9.99		G032 Wwf Slideshow	1.25	G033 Wuzzar
2	17.99		Quest For Glory 1 or 2	12.99		G034 Calculus Combat	1.25	G035 Wizards Wars
2	17.99		Reach For The Skies	12.99		G036 Blob	1.25	G037 Fortress (demo)
Champions	10.99		Realms	10.99		G038 Sector	1.25	G039 Gush
Eliminator	12.99		Red Baron	12.99		G040 Smurf Hunt	1.25	G041 Ami Cash
Actors	17.99		Rise Of The Robots	12.99	12.99	G042 Ambrose Prof	1.25	G043 Super League Manager
2	19.99		Risky Woods	10.99		G044 Quiz Master & Editor	1.25	G045 Iron Clads (not 1200)
2	19.99		Roadkill	9.99	9.99	G045 Revenge Of The Mutant Camels	1.25	G046 Text Engine
2	19.99		Road Rash	10.99		G047 PC Task	1.25	G048 Tank Attack
2	19.99		Robocop 3	10.99		G049 A-Gragh	1.25	G049 White Knight
2	19.99		Robinson's Requiem (A500+)	22.99	22.99	G050 Motiv-8	1.25	G051 Atlantis
2	19.99		Rome AD92	12.99		G052 Adventure Solutions (not 1200)	1.25	G053 Legend Of Lothian
2	19.99		Rugby League Coach	19.99		G054 Iron Clads (not 1200)	1.25	G055 Wizards Wars
2	19.99		Ruffian	13.99		G056 Fortess (demo)	1.25	G057 Neighbours Adventure
2	19.99		SENSIBLE GOLF	19.99		G058 Space Rescue	1.25	G059 Dungeon Deliver
2	19.99		SENSIBLE WORLD OF SOCCER 95/96	16.99		SIMULATIONS		SP001 Top Of The League
2	19.99		Settlers	19.99		EDUCATIONAL		SP002 Mr. Men Olympics
2	19.9							

Scala MM300

PART 1

Did you buy a Magic Pack complete with Hard Drive, only to find that the copy of Scala didn't include a manual? If so, this tutorial will soon get you going.



▲ Change the colour of the Outline, Shadow and 3D text by first selecting a colour and then clicking on the colour boxes.

First a few basics and essential moves. Let's begin by creating a plain background to fade a title into. Click once on 'NEW' and a standard Scala requester asks you to 'choose a background page'. As we don't want to load a picture, just click the 'OK' button. A new requester appears asking us to choose the resolution of our background. Select 'hires-interlaced' set colours to eight and click 'OK'.

This takes us straight to a screen where we could enter text, but as we just want a blank screen select 'OK'. You will see that Scala has already named this page 'Blank'. Let's change this, so clear the text requester either by using the Backspace Key or with a RtAmiga-X and type in 'Blue'. Pressing the Return Key or selecting 'OK' will take us back to the main screen with the name of our page at the top. You should also notice that a Wipe has been set and a Mouse icon appears in the Pause column. We will leave these as they are for the time being.

The next step

Now we need to create a second page on which we will enter some text. Repeat the first few steps, keeping the resolution and colours the same. You should now be looking at our page make-up screen which should have a plain blue background with a cursor at the

Scala Multimedia MM300		SCALA		
NO.	PAGENAME	WIFE	PAUSE	SOUND
1	Blue	?	5	0
2	Scala	?	5	0
3	Tutorial	?	5	5
4	Directed	?	5	5
5	Effects	?	5	0



▲ With the last screen having random line and page effects it should look different each time.

top left. The text menu and colour palette is at the bottom of the screen. Try pressing the right mouse button a few times and you will find that the menu will alternately disappear and reappear.

Type in 'Scala MM300'. Click on the 'Font:' button on the menu and select 'Compact' font in size 64. We also want to change the colour of the font, so click on the yellow colour in the palette and then on the coloured box in the 'Front' button. This will be our heading.

This heading probably isn't in the best position so let's move it. Click and hold down the left

mouse button on the text and it will change colour. This indicates that we can drag it around the screen with the mouse. Move it close to the top of the screen before releasing the mouse button. Now we will move the text to the middle of the screen by clicking on the 'Centre Justify' button, (that's the middle one of the three under the button marked 'Layout'). If the cursor isn't at the end of the line of text move it there using the mouse or the cursor keys and press Return. Notice that the Font, Face Colour and Justification remain the same. Now type in the following two lines of text pressing

Return at the end of each line:
This tutorial will help me get started with my copy of

Move the mouse to the top left of the word 'This' and, holding the left mouse button down, drag the mouse to the bottom left of the text. As you move the mouse a box will be drawn. Make sure the box is below the bottom line of text before releasing the mouse button.

Click anywhere inside this box and, holding the mouse button down, move the box toward the bottom of the screen. Notice that this time the block of text within the box moves when you release the mouse button.

Outline

Shadow

3D Text

few of the effects that can

Colour

▲ Don't forget to draw a box around "Colour" to group the letters together before moving it.

While this box is on screen, any changes will affect all the text within it. Try this out by changing these last five lines to white. Select white from the palette and click on the 'Front' button colour box.

We have now finished with this page, so click on the first text line to recover the cursor and select 'OK'. Name the page 'Scala', and click on 'OK and Clear' to create a new page. This time type the following, but instead of pressing 'Return' at the end of the line use the down cursor key to move to the next line.

Scala Multimedia Computer Amiga Tutorial by Norman Harris

Note that the attributes from the previous page have been carried forward. The first line has yellow text and the rest white. We will make some changes though. Move the cursor to the second line and, by clicking on the font button, change to Compact 31. Do the same for line four. Then move each line to improve the spacing between them.

When it looks about right, select 'OK'. Rename the page to 'Tutorial' and this time select 'OK and Copy'. This duplicates the page, as the next one is going to be very similar. It will also give us the opportunity to use another of Scala's features.

Select the 'List' button and you will be taken to another screen which, funnily enough, lists all the lines of text in numerical order. Find the line that reads 'Computer' and click on that line number. A cursor will appear on the line so that we can edit the text. Change 'Computer' to read 'Magazine'. Do the same to 'Amiga' to changing it

to read 'CU Amiga', 'Tutorial by' to 'Directed by' and 'Norman Harris' to XXXXX (you can put your own name here). Leave the first line 'Scala Multimedia' as it is. Select 'OK' to take us back to the page, 'OK' once more. Rename the page to 'Directed' and select 'OK' to return to the main Scala menu. By now we should have four pages set up, let's do one more before we're finished. Instead of creating a new page we will duplicate an existing blank page. The first page is ideal, so click on the number 1 and a Page Control menu will pop up. This menu is used to rename, copy, move, insert pages and to switch pages on or off.

In this instance we need to copy a page to the end of our script. We do this by clicking once on 'Copy', change the 'To after page:' to 4, and select 'OK'. Double click on this page so that we move to the edit screen. Type the following words onto the screen, pressing Return after each 'Outline' 'Shadow' '3D Text'. Pick your own fonts and you should be able to guess which of the various features to set for each word.

New order

On the next line type 'These' then click on the button to take us to the List screen. Select '4' so that the cursor appears after the word 'These', and continue typing the following: 'are a few of the effects that can be achieved with my copy of Scala Multimedia 300', before pressing return.

Now press and hold down the left mouse button over the text you have just typed and move it to the top of the list. As we will see, Scala processes each line in the order it appears in this list.

Scala Multimedia MM300				SCALA
NO.	TEXT	WIPE IN	WIPE OUT	PAUSE
3	3D Text	?	6	0:00
4	C	?	6	0:00
5	O	0	1	0:00
6	I	0	1	0:00
7	O	0	1	0:00
8	U	0	1	0:00
9	r	0	1	0:00
10	These are a few of the effects	0000	6	0:00
1	OUT: Outline		?	6 0:00
2	OUT: Shadow		?	6 0:00

Show Delete

OK Cancel

▲ Scala processes the line wipes in the order they appear in the List.

Go back to the page we are working on by clicking on 'OK' and once more click on our page for a cursor to appear. This time we are going to type the word 'Colour', but after each letter I want you to press the 'Enter' key (that is the bottom right key on the keypad), and select a different Front colour.

Pressing 'Enter' instead of 'Return' just separates the letters, and we could even select a different font for each. Remember that in this instance each letter is handled individually, and we must draw a box around them if we want to move them as a group.

Select the List screen once more so that we can set a few effects. Click on the 'Wipe In' column for line 1 (our long line of text) and select the 'Crawl' effect - it's a chevron on a black background. Next click on the 'Wipe In' for line 2 and select a 'Random' effect - the question mark. Click on 'To end' and select 'OK'.

Now go to the 'Wipe In' for the first letter 'o' in 'Colour', select the 'Link' effect, and again select 'To end'. This action links all subsequent lines together with the wipe set for the letter 'C'.

Repeat the actions on the 'Wipe out' column but don't bother about our Crawl line. Notice how Scala

splits the Wipe In and Wipe Out effects. As the effects are processed in order, we now need to move all the Wipe Out effects to the bottom of the list. Finally move the crawl line so that it is the last of the 'In' effects and move back to our main menu, naming the page 'Effects' on the way.

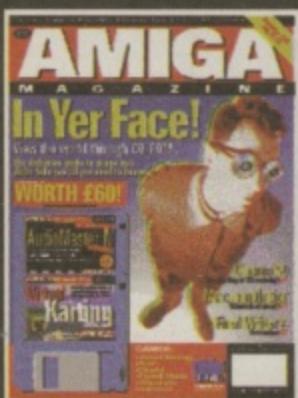
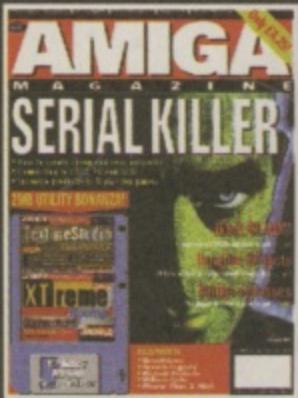
All we need to do now is to set some Wipes for our pages, so click on the Wipe column for the first page and select a 'Fade' wipe. Notice that the name of the wipe appears at the top of the Wipe menu, and that we don't have to select 'OK' until we have set all the wipes and pauses.

Set the 'Smooth north' wipe for the 'Scala' and 'Tutorial' pages, a 'Superimpose' wipe for 'Directed' and a 'Random' wipe for the last page. When you've done that click on the 'Pause' column and set all the pauses to 0 seconds apart from the 'Tutorial' and 'Directed' pages which we will set to 5 seconds. Now all we need to do is select 'Run!' to see the results. As the script loops, you will see examples of fading, scrolling, cross-fading and text crawling. The last page appears different each time due to the random wipes. ■

Norman Harris

Scala running in 2Mb?

Scala won't run on a 2Mb Amiga. The reason for this is that Scala needs Fast RAM and as we all know a 2Mb A1200 only has Chip RAM. Apart from adding extra RAM you could prevent your Amiga from knowing that it doesn't have this essential Fast RAM. Move NoFastMem from your System drawer to the WBStartup drawer, add the tooltype DONOT-WAIT and then re-boot: your Amiga won't even know it's missing this RAM. You may need to de-archive Scala manually but it will now run. Remember to move NoFastMem back to the System drawer when you fit extra RAM.



QUIDS IN!

Save pounds! Avail of our special offers and subscribe today to make sure that you don't miss out on what we've got lined up this year!

CU Amiga Magazine is the ultimate Amiga package, bringing you:

The best tutorials

Our in-depth features and step-by-step tutorials cover all the latest Amiga developments and programs. Plus there's the added bonus of new promotions including covermounted manuals with some of our hottest cover disk programs.

The best cover disks

Only CU Amiga brings you exclusive and complete versions of Amiga's most desirable utilities. **Imagine 3.0, PageStream 2.2, Amiga E and VideoStage Pro** are just some of the great programs we've covermounted in the past six months.

The best previews and reviews

CU Amiga Magazine is the choice of the world's top Amiga developers. That means we get exclusive previews and reviews of the latest and most exciting Amiga products. We were the first to bring you news on the Escom takeover, Team 17's top selling game **Worms** and much, much more.

Special offer now open to readers worldwide

HOW TO ORDER

Tick which box applies to you on the form opposite, then fill in the rest of the form and send it along with payment to: CU AMIGA MAGAZINE, SUBSCRIPTIONS DEPARTMENT, EMAP CONSUMER MAGAZINES, LEICESTER LE87 4AB, UK.

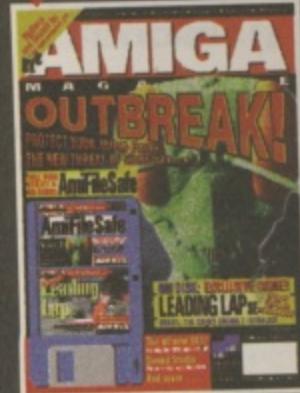
Free postage is available in the UK. UK subscriptions should send the completed form with payment to: CU Amiga Magazine, subscriptions department, EMAP Consumer Magazines, FREEPOST (LE5981) Leicester LE87 4AB.

**Or call the subscriptions Hotline on
01858 468888** (9.00am to 5.30pm)

CU Amiga Magazine

**Due to popular demand
we're continuing our
special subscription rates
and it looks like the six
month subscription option
is here to stay. Yippee.**

**Six month
subscriptions
now
available**



CU Amiga subscription priority order form

Please enter my subscription to CU Amiga Magazine.

Please tick/delete as required.

Rates - 12 issues including postage

- £36.00 UK 12 ISSUES FOR PRICE OF EIGHT (*UK only, offer code: A1f)
- £58 (was £64) REST OF WORLD SURFACE MAIL
- £60 (was £74.00) EUROPE/EIRE AIR MAIL
- £78 (was 116.00) REST OF WORLD AIR MAIL ZONE 1
- £78 (was 116.00) REST OF WORLD AIR MAIL ZONE 2

Rates - 6 issues including postage (offer code: A1r)

- £27.00 UK
- £43.50 REST OF WORLD SURFACE MAIL
- £45 EUROPE/EIRE AIR MAIL
- £58.50 REST OF WORLD AIR MAIL ZONE 1
- £58.50 REST OF WORLD AIR MAIL ZONE 2

Method of payment

Cheque/Postal Order/International Money Order payable to EMAP Images Ltd.

Access/Visa number.....

Expires.....

Signature.....

Date.....

Title.....

Initials.....

Surname.....

Address.....

Postcode.....

Day time telephone no

IMPORTANT: 12 issues for the price of 8 offer available to UK residents only. Please allow 28 days for fulfilment from receipt of order.

Tick this box if you do not wish to receive any direct mail that EMAP Images Ltd feels may be of interest to you. Offer closes 30th May 1996. Source code:IA1v
Note: Zone 1: Middle East, Africa, USA, South America, Hong Kong, Singapore, Pakistan, Indonesia; Zone 2: Australia, China, Japan, Pacific.



Frequently asked questions

Learn to wow your friends and family with your own fancy designs and personalised World Wide Web pages.

Q. How do I create my own Web pages?

A. Creating Web pages is quite easy, as the pages are only plain text files, such as those saved by the AmigaDOS Ed program or text editor, such as Cygnus Ed or GoldEd. Images are stored in GIF or JPEG format. The appearance of the pages is determined by the use of special codes in the text files, called HTML tags.

Q. What is HTML?

A. HTML is the HyperText Markup Language. It's a set of special tags which control how a Web page looks and defines any link to other pages. HTML is easy to use: for example, to make a line appear in bold you include it within the tags for bold, **like this**. The symbol **** denotes the beginning of the word or sentence to be in bold and **** denotes the end. There are dozens of other tags and these define the size of the text, the inclusion of images and any links to other pages or other parts of the document.

Q. How can I edit my Web pages?

A. Any text editor will do. You can simply open a new document and start typing away, including the HTML tags as you go. There is nothing magic about it. You can then preview your pages by loading them into a Web browser such as AMosaic or IBrowse. Each of these programs has a load local file option and this is the one you need to use.

Q. What about graphics for my pages?

A. Graphics need to be saved in GIF or JPEG format. The art program Personal Paint will save in both these formats. All you need to do is draw or load images and then save them out in GIF (for simple images) or JPEG (for more a detailed image, such as digitised pictures). You can add a HTML link to the image.

Q. How do I handle links to graphics and other pages?

A. The HTML tag for images is **** and the tag for links is ** link text**. A potential problem is what to put in for the filepath and filename. The easiest thing to do is put the HTML document and all the images and other pages in one directory. You can then reference them all by leaving out the filepath totally, like this: ****

Or if you create a new directory in the same directory as the HTML document, you can reference them like this:

The point is that you shouldn't include a full filename like this:

If you include a full path then it means that if you move the document about (for example, copy it to another disk or upload it somewhere) the filepath will no longer be valid and the image will not be displayed. The same holds true for links to other pages: keep the references local to the current document.

Essential HTML

HTML pages are plain text files with additional special codes to alter the text attributes, create links or trigger the display of pictures and other external files.

The easiest way to see what a HTML file looks like is to use the save option from within a Web Browser such as Mosaic and then load the file into a normal text editor or word processor. The HTML codes are all contained within greater-than and less-than signs, and if you remove them you can see that the HTML file is more or less plain English.

Table of HTML codes

<html>	Start a HTML page
</html>	End a HTML page
<hr>	Draw a horizontal line
<p>	Take a new paragraph

	Force a carriage return
<h1>	Text size 1 (huge)
<h2>	Text size 2
<h3>	Text size 3 (medium)
<h4>	Text size 4
<h5>	Text size 5
<h6>	Text size 6 (small)
	Bold text
<i>	Italic text
<u>	Underline text
<tt>	Typewriter font
	Add emphasis to text
	Even more emphasis!
<pre>	Don't format the text
	Un-ordered list
	Ordered list
	An item in a list
	Display an image
	Create a link to another site
	

Note: The use of the slash '/' is always used in HTML to 'switch off' a particular option.

Q. Where can I put my pages?

A. If you have a dial-up account with an Internet Service Provider (ISP) they may give you some space (1Mb for example) on their own Web server. Some companies don't give space for free and you'll have to pay for it on a monthly or yearly basis. One way around this problem is to run your own Web server.

Q. How can I run a local server?

A. When you dial into an ISP using AmiTCP, your Amiga

becomes part of the Internet. This means that you can contact remote computers, but also that remote computers can contact you. If you run a Web server program (called a http daemon) then you can store all your pages locally on your machine: when someone uses a Web browser with your IP address they will access your machine. The only drawback is that your server will be online only when you are dialled into your ISP – which of course costs you money. The program you need is called "httpd" and it was written by the authors of AMosaic. ■
John Kennedy

PLAY HARD

WITH A VENGEANCE

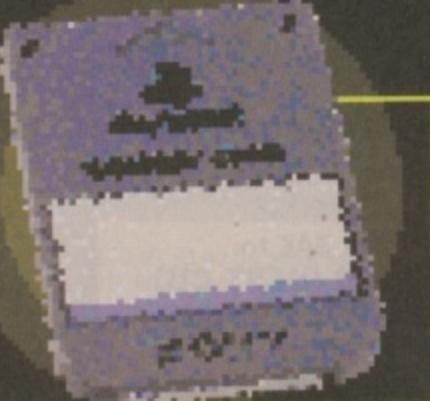
EXCLUSIVE REPORT

ON FOX'S EXPLOSIVE
MOVIE TIE-IN
DIE HARD TRILOGY!

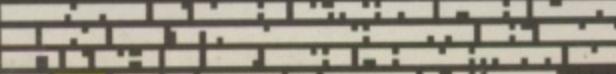
PLUS

THANKS FOR THE MEMORY!

YES!
WE'RE GIVING AWAY
1000
PLAYSTATION
MEMORY CARDS
ABSOLUTE
FREE!



PLAYSTATION
PLUS



PLAYSTATION
PLUS

ON SALE NOW!

Amiga Classifieds

PD AMIGA
TOP QUALITY PD
PROGRAMS AT LOW PRICES

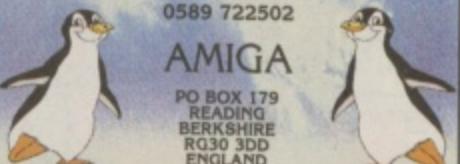


**FULL BRANDED
DISKS**
**LOTS OF
SPECIAL OFFERS**
CALL FOR CAT. DISK
(01698) 265 634

**PENGUIN
PUBLIC DOMAIN**

ART-ANIMATION-MUSIC
PLAYABLE DEMOS - FONTS
GAMES COMPILATIONS
CLIPART-ASSASSINS
MISCELLANEOUS-GAMES
DEMOS-MUSIC UTILITIES
EDUCATION-FUNPACK 1-36
SCOPE 1-220-FRED FISH 1-1000
T-BAG 1-77 - SLIDESHows
UTILITIES-HAM RADIO
BUSINESS-JAM 1-10

50P EACH
POST AND PACKING FREE.
RING OR SEND FOR A FREE CATALOGUE
0589 722502



AMIGA
PO BOX 179
READING
BERKSHIRE
RG30 3DD
ENGLAND

**CLASSIC
AMIGA**
P.D Software
Phone for a
FREE catalogue
disk
0161 723 1638
SHOP OPEN
12-9pm DAILY
CD ROMS NOW
AVAILABLE

11, DEANSGATE
RADCLIFFE
Manchester

ONLINE PD
FREE 5 DISK CATALOGUE
LISTING 10,000+ PD TITLES
TEL: (01704) 834335 or 834583
OR SEND SAE



BBS:
(01704)
834583

FRED FISH
1-1000

ASSASSINS
GAME
DISKS
1-255

75P
PER DISK

Every 10 disks ordered choose 1 FREE
Online PD, Dept CU,
1 The Cloisters, Halsall Lane,
Formby, Liverpool L37 3PX

KEW = II
SOFTWARE

Est. 1989

THE BEST IN QUALITY PD & SHAREWARE
SUPPLIED ON BRANDED DISKS ONLY!

The LEADER -
OTHERS CAN ONLY FOLLOW!

FREE FRIENDLY HELP BY
POST or PHONE ANYTIME!

FREE CLUB MEMBERSHIP

PICK YOUR OWN PROGRAMS!
BY NAME, NUMBER AND SIZE!

IT'S EASY!
500K makes 1 bootable disk!
800K makes 1 non bootable disk!

CATALOGUE WITH FULL DESCRIPTIONS & INDEX ONLY £1
Phone for the LATEST PROGRAMS!

P.O BOX 672
South Croydon
Surrey CR2 9YS
Tel: 0181 657 1617

1-3 disks £1.50,
4 or more ONLY £1.25

FREE
P&P

Your Prints
Do you use Painting, Image processing
or 3D Programs
If the answer is yes then we can offer
you Photo Realistic Printing with a
choice of a matt or gloss finish.

Full size A3 Matt £3.00
Full size A3 Gloss £4.00
P&P £1.25

Send your disc to
Your Prints
Po Box 38,
Sutton-in-Ashfield
Notts, NG17 4FA

Please Quote Ref No: A1001
Make cheques & Postal Orders payable to
Your Prints.
All disc's will be returned.
If you require more information
then give us a call on 01623 555119.

**ARNOLD
COMPUTER
SUPPLIES**

Blank Disks £15.00 per 50 inc. labels
DSHD Disks £22.50 per 50
(Pre-formatted)

PD LIBRARY NOW OPEN!
Please send 4 1st class stamps
for catalogue.
Free local delivery and installation
(10 mile radius)
Many more items stocked.
Please phone or fax for latest prices.
Barry Voce 0115 926 4973
Fax 0115 956 1663
11 Campion Street
Arnold, Nottingham, NG5 8GR

**Q. What's plastic, 3.5 inches
and costs just 45p?**

**A. A public domain disk from
NO MERCY SOFTWARE**

That's right, 45p per disk from 1-499
(bulk PD prices from 22p each - send for info)
Choose any PD list from any Amiga mag, then
order from us, or send £1 or 4x1st class stamps
for our catalogue disk and a FREE util or game
(please state)
Cheques payable to:

NO MERCY SOFTWARE
3 HILL SIDE, GT. THIRKLEBY, THIRSK,
NORTH YORKSHIRE YO7 2AX
Phone 01845 526412 (between 6-8pm only)
0421 493916 (mobile)

DELTRAX PD(CU)
36 BODELWYDDAN AVE,
OLD COLWYN, COLWYN BAY,
CLWYD LL29 9NP
TEL/FAX 01492 515981

AMIGA & IBM PC
HARDWARE
PERIPHERALS
CD ROMS
COMMERCIAL SOFTWARE
VERY COMPETITIVE PRICES
PUBLIC DOMAIN/ SHAREWARE

ONLY 95p PER DISK
PLUS 60p P&P PER ORDER
STATE WHICH **FREE** PRINTED
CATALOGUE YOU REQUIRE

AMIGAHOLICS PD
THE 100% AMIGA PD LIBRARY, WE STOCK: DEMOS,
MUSIC, ANIMS, MUSIC UTILITIES, SLIDESHows, GAMES,
LSD LEGAL TOOLS, UTILITIES, ASSASSINS GAME DISKS,
FRED FISH, FONTS, CLIP-ART AND MUCH MORE.

THIS MONTH'S TOP TEN

MAGIC WORKBENCH 1.3 - Magic W/Bench for Amiga
CARDZ - Use AGA Klondyke cards on EC6 Amigas
SKIDMARKS 2 AGA CARS (2D) - 4 Extra cars for Skidmarks AGA
ARTCORE - Brilliant 3D Art Gallery/Slideshow Demo
JASON ART - Superb hand draw art
'SETTLERS' EDITOR - Have super fishermen, find all the gold etc.
'F1 G.P.' EDITOR - Latest version, '95 teams & frame accelerator
SCORCHED TANKS - Battle against a friend or computer
'DOG COGS' MUSIC DEMO - Great AGA demo (3D)
MYSTIC 'IMPOSSIBLE POSSIBILITY' - 2 Disks AGA demo

SPECIAL P.D. STARTER PACK
FOR NEW A1200 OWNERS.
THE VERY BEST OF P.D. GAMES &
UTILITIES ETC.
EIGHT DISKS FOR ONLY £5.00
INCLUDES CAT DISK, P&P
DISKS FROM TOP TEN
ONLY 80p EACH INCL. P&P

WE NOW DISTRIBUTE 'INFINITE FRONTIER' PRODUCTS INCL.
THE 'FINAL FRONTIER MAG' No. 9 AT £6.00 AND ALSO 'HOLODECK' AND
'ILLUSIONS' SLIDESHows AT £3.00 EACH (2 DISKS)
SEND 2 X 1ST CLASS STAMPS OR SAE FOR CAT DISK, WHICH
INCLUDES GAMES AND MUSIC - PD DISKS FROM 50p

PD POWER
WE STOCK OVER 10,000 DISKS
PD FROM ONLY 25p
For **FREE CATALOGUE DISK +**
FREE GAME + FREE COPIER
AND MORE
Please SAE to:
PD POWER (DEPT CU)
15 LOVETOT AVENUE
ASTON
SHEFFIELD S31 0BQ

Convert your Amstrad
COLOUR MONITOR £10
Our custom made leads will convert your old
Amstrad Monitor to work with your Amiga giving
a crisp R.G.B. colour picture & optional
quality amplified stereo sound.

464/6128 (CTM644/0) Picture Only	£6	£10
464/6128 (CTM644/0) Inc Stereo Speakers	£31	£40
464/6128 PLUS (CM14) Inc Sound	£9	£15
464/6128 Green (GT-65) Picture Only	£6	£10

Dept CU, Hagars Electronics,
127 High Street, Sheerness, Kent ME12 1UD

Tel/Fax 01795 663336
Money back approval P&P inc.
CQ/PO DELIVERY 2 DAYS





CD Rom Drives & Hard Drives

Hard Drives + controller for:
A500(+)/A1500/A2000/A3000/A4000

120MB	£159.00	540MB	£229.00	1.0GIG	£279.00
250MB	£189.00	630MB	£239.00	1.2GIG	£299.00
420MB	£199.00	4MB External RAM for A500/500+			£169.00

Hard Drives for A600/A1200

2.5" 40MB	£39.00	2.5" 340MB	£179.00	3.5" 420MB	£149.00
2.5" 60MB	£59.00	2.5" 420MB	£199.00	3.5" 540MB	£159.00
2.5" 80MB	£69.00	2.5" 540MB	£249.00	3.5" 630MB	£169.00
2.5" 250MB	£129.00	2.5" 810MB	£349.00	3.5" 1.0GIG	£199.00

(includes instructions and installation software) 3.5" 1.2GIG £229.00

IDE Quad Speed CD-ROM Drives

for A500/500+ (requires AlfaPower v6.8 + Hard Drive)

for A600/A1200 (inc CD32 emulation)

for A1500/A2000/A3000/A4000 (inc Tandem)

£169.00
£169.00
£109.00



AMIGA
FORMAT
85%

This
Month's
Special

120Mb 2½" Hard Drive £75.00

Limited Quantity



256 GreyScale Scanners/AlfaScan Plus

Hand Scanner for the Amiga with Touch-Up and Merge-It Software

£99.00

Touch-Up & Merge-It Software* Separately £35.00

with Junior OCR* (needs HD & 2.5MB Memory) Separately £25.00 with scanner Add £10.00

with Full OCR* (needs HD & 2.5MB Memory) Separately £35.00 with scanner Add £20.00

with MultiPass OCR* (needs HD & 4MB Memory) Separately £49.95 with scanner Add £30.00

* max 400dpi scanning resolution

Scanner Pad £9.95 (FREE WITH ANY SCANNER)

Multiface III card

£79.00



AT-Bus-2008 IDE controller

£69.00

Octagon-2008 SCSI controller

£99.00

Tandem CD & IDE controller

£69.00

AlfaPower A500 IDE controller

£99.00

Ram Cards/Memory

72pin SIMMS

A500 512K w/o clock £20.00 2MB £69.00

A500+ 1MB w/o clock £29.95 4MB £79.00

A600 1MB w/o clock £29.95 8MB £159.00

A1200 2MB with clock £99.95

A1200 4MB with clock £119.95

A1200 8MB with clock £229.95

ZIP RAMS

£89.95/2MB



Crystal TrackBall £34.95



Optical Mouse £29.95

Optical Mouse Mat £5.00
Amiga PSU for A500,
A600 & A1200 £34.95



Apollo 1220 28MHz Accelerator

Give your A1200 350% Performance

Includes Clock & 28MHz FPU

1220 Bare Board

£99.95

1220 with 4MB Memory

£169.95



80 watt Speakers £39.95
25 watt Speakers £29.95
240 watt Speakers £59.95



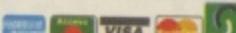
Mega Mouse 400 £9.95
Mega Mouse Plus £12.95

(Three button version with 8' cable
Performance 97% A.U.I.)

All prices include VAT. Please add £3.50 P&P for items under £30.00, £5.00 for items over £30.00, £8.00 P&P for Scanners, Speakers & Hard Drives, £10.00 P&P for next day. GoldenImage accepts Access, Visa, Cheques & Postal Orders. E&OE. Prices subject to change without notice. Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd

Unit 65, Hallmark Trading Estate,
Fourth Way, Wembley, Middx HA9 0LB



Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281

KTS

LATEST PD TITLES

(01702) 542434

CREDIT CARD HOTLINE

PLEASE
ADD 75P
P+P PER
ORDER

CD ROM SOFTWARE

CD007 17 BIT COLL. 2CDs	£26.99
CD005 17 BIT PHASE 4	£29.99
CD033 AMOS USERS V2.0	£17.99
CD213 LSD COMPENDIUM 3	£17.99
CD051 MEETING PEARLS II	£8.99
CD098 ANIMATIONS	£17.99
CD064 HOTTEST 5	£14.99
CD034 ASSASSINS	£9.99
CD070 POWER GAMES	£28.99
CD077 DESKTOP VIDEO	£13.99
CD113 GIGA GRAPHICS	£25.99
CD061 UTILITIES PRO 1	£7.99
CD145 3D ARENA	£22.99
CD162 THE COLOUR LIBRARY	£6.99
CD192 SUPER CARS	£4.50
CD196 DA CAPO	£22.99
CD202 PRO FONTS	£7.99
CD044 SOUNDS TERRIFIC 2 CD'S	£16.99
CD042 WISCIENCE CLIPART	£7.99
CD043 WISCIENCE FONTS	£7.99
CD098 WIS ANIMATIONS	£16.99
CD105 G.F.X. SENSATIONS	£15.99
CD038 MULTI-TOOLKIT 2	£16.99
CD053 CLIP-ART PRO 2	£14.99
CD102 SOUND LIBRARY 2 CD'S	£16.99
CD180 SPECIFY SEN VOL.2	£15.99
ADULT SENSATIONS 2	£17.99
CD181 C64 SENSATIONS	£14.99
CD207 SC-FI SENSATIONS 2 CDs	£17.99
CD195 ANIMATIC	£8.99
CD168 UPD GOLD 4 CD's	£24.99
CD220 AMINET SET 2	£24.99
CD112 AMINET SET 1	£24.99
CD120 GROWLER ENCYCLOPEDIA	£22.00
ERIC SCHWARTZ ANN CD	£23.00
TURBOCALC V2.1	£8.99
CD125 SUPER AUTO'S	£4.50
MEETING PEARLS VOL.3	£8.99
NETWORK CD 2	£14.99
3D OBJECTS	£9.99
3D IMAGES	£9.99
HOTTEST UTILS 2 (2CDs)	£17.99
HOTTEST 6	£14.99
HORROR SENSATIONS	£7.99
PERSONAL SUITE	£9.99
ARTWORK CLIPART CD	£8.99
WORKBENCH ADD-ON VOL.1	£19.99
GAMERS DELIGHT V2	£25.00
GLOBAL AMIGA EXPERIENCE	£21.99
AMINET 8W/10 NOW ONLY	£12.99

PLEASE ADD 75P
P+P PER ORDER

FREE

2.5" IDE 344MB £100
2.5" IDE 540MB £150
2.5" IDE 810MB £220

CABLE £6.50
P&P £1.50



OUR PRICE £26.99 OUR PRICE £27.99



OUR PRICE £14.99 OUR PRICE £15.99



OUR PRICE £17.99 OUR PRICE £17.99



OUR PRICE £14.99 OUR PRICE £14.99



OUR PRICE £16.99 OUR PRICE £6.99

Any 20 disks for £15 +p+p

ALL FLOPPYS 80P EACH

WE STOCK FRED FISH 1-1100,
CLR Licenseware, Horizon Software,
ASSASSINS Collection up to 255,
Also Scope and LSD Legal Tools.

HOW TO ORDER. TICK TITLES YOU REQUIRE, CUT AND
SEND, OR SEND IN YOUR OWN ORDER WITH NUMBERS LISTED
ED, WITH YOUR PAYMENT, L.C.H./PO/CASH/CCARDS TO KTS'S DEPT
CU 75 THE DRIVE, RICHFORD, ESSEX SS4 1QQ PLEASE
INCLUDE YOUR NAME AND ADDRESS ALL ORDERS SENT BY
1ST CLASS POST THE SAME DAY UPTO 4PM. CALLERS
WELCOME... PLEASE MAKE CHEQUES PAYABLE TO KTS'S

CAT DISK £1 OR FREE WITH EVERY ORDER

FREESTYLE PD TEL: 01922 710985 TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES 1-20 £1 EACH 21+ 75p EACH P&P 50p PER ORDER

MAGIC C64 EMULATOR

For Amiga 1200/4000
Complete with over 200 C64 games
only £8.00

C64 game disks available separately See
Cat disk for more info

UFO INFO

Finding the truth (3)
Project UFO (6)

Out of space 1,2,3, (3)

Roswell Slides (2)

Paranormal Invest (2)

Aliens Multimedia AGA (9)

DACO MUSIC MIXES

for Amiga 1200/4000
Reach up (Pig Bag)

Push The Feeling on

Always

The Media megamix

Big chart mix 2

Nightcrawlers

Mr ben 1985 mix

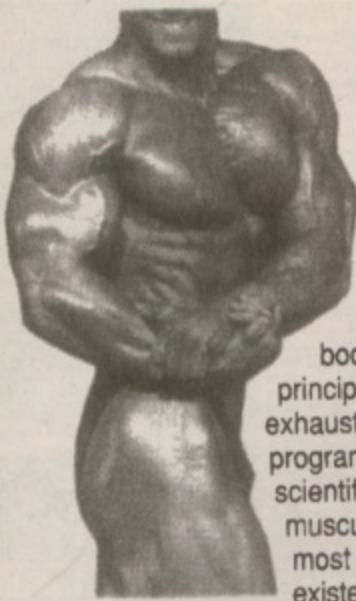
9. Outers bros megamix

10. The clock megamix

20: Prodeux

<p

BUILD MUSCLES FAST!



NEW! Fastest way to build muscles and strength without weights - EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique.

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles in existence.

Noticeable results in 28 days guaranteed.

Send for **FREE** Information Pack.

MUSCLE DYNAMICS, P.O. BOX 40, GATESHEAD, NE8 1PD

Tel: 0191-487 4087



MUSCLE DYNAMICS, P.O. BOX 40, GATESHEAD, NE8 1PD

Yes! I want to build muscles fast. Please rush me a **FREE** information pack!

Name..... **BLOCK**

Address..... **CAPITALS**

PLEASE

Postcode
(A stamp for reply appreciated)

KOBRAHSOFT QUALITY PD

Don't get bitten by buying cheap, poor quality P.D. we sell the best. If we haven't got what you want, please tell us and we will get it. We have over 8000 titles available, so we should have something to interest YOU! We pride ourselves on our speed of delivery - we try and send out every order on the same day it is received - no waiting for DAYS. We accept payment by cheque, P.O. and Access and Visa. To give you an idea of what we stock:-

UTILITIES

MIDIPLAY - plays music modules
MOST V1.56 - Text Viewer
INPUT LOCK V1.1 - Security Lock
CHARACTER GENERATOR
D.M.S. V2.03 - Data cruncher
MDSPOLLER V1.2 - DIR Utility
CD PLAYER V1.1 - Plays your CD's
A BACK UP V4.03 - Back up utility
ADAM V3.0 - Calculator
VIRUS CHECKER - Detects viruses
CALENDAR - Super Calendar Prog
POWERCALC V1.5 - Draws graphs
TURN V4.0 - Latest Comms program
POWERPLAYER V4.0 - Music Util
RECALL V2.3 - Diary program
SCHEDULER V1.2 - Organiser

GAMES

MISSILES OVER XERION
NIBBY 2
MUTANT PENGUIN
MULTI TETRIS
TIME RUNNERS 17
RUNNERMINE 6
MORTON STRIKES BACK
SPIDERMAN 2
DEADLOCK 8
SPACEBALLS
DONKEY KONG
FLIGHT OF THE INTRUDER
MEGABALL
STEWARDS ENQUIRY
GALAGA 92
DEFENDER

We have hundreds more games and utilities and also:-
DATABASES, GRAPHICS, ANIMATIONS, SLIDES, MUSIC AND SOUND DEMOS, EDUCATIONAL PROGRAMS, FONTS, CLIPART, BUSINESS PROGS. We also stock a wide range of Spectrum and Amiga Utilities.

Prices:- Disks £1. each, send 4 x 25p stamps for CAT disk or order to:-
KOBRAHSOFT, Pleasant View, Hulme Lane, Hulme, Longton, Stoke-on-Trent, ST3 5BH;
or phone 01782 230 5244. We also take Access and Visa.
P+P U.K. 25p; others 50p



HORNESOFT PD

EST. 1990

DEPT (CU) 23 STANWELL CLOSE, WINCOBANK, SHEFFIELD, S9 1PZ

TEL/FAX: (0114) 296 - 7825 MON - FRI 9.30am - 7pm

AMIGA PD AND LICENCEWARE SPECIALISTS

PD PRICES (EACH)

1 TO 5 DISKS 65p
6 TO 9 DISKS 60p
10+ DISKS 50p
CHEAPEST PRICES AROUND

WE STOCK OVER 16000+ DISKS FROM ADULT/GLAMOUR TO GAMES

WE ALSO STOCK

F1 LICENCEWARE/SD LICENCEWARE SHOAH & HORIZON SOFTWARE.

FOR A COPY OF OUR CAT DISK EITHER SEND

2 X 1ST CLASS STAMPS OR PHONE, ORGETONE FREE WITH 1ST ORDER

WE CAN BE EMAILED AT:

CHRISH@DCANDY.DEMON.CO.UK.

CREDIT CARD SALES & ENQUIRIES: (0114) 296 - 7825



NOW AVAILABLE:
LOADS OF ADULT/GLAMOUR AGA DISKS
JUST ADDED TO CATALOGUE DISK

FREE FREE



FREE FREE

GAMES CHEATS 1.4 EMULATOR

ON ALL ORDERS

PLATFORM GAMES

Q 1098 A12 NEQUICK
Q 1296 HARRY HADDOCK
Q 1330 CAPTAIN BONUS
Q 1233 ROACH MOTEL
Q 1217 DUCK DODGERS
Q 1365 A12 ORANGE MAN
Q 1339 THE TIME LORD
Q 1461 CHARIE COOL
Q 1445 10 C.W. GAMES
Q 1444 SEE MORE DOOUE
Q 1418 GUNNY GOO

SPACE BLASTERS

Q 911 SOLO ASSAULT
Q 906 OBULATOR
Q 498 THE LAST REFUGE
Q 1434 SPACE BLASTER

ARCADE GAMES

Q 1308 PSSST A1200
Q 1295 A1200 APPLEJACK
Q 1319 PEPSI NOT 1.3
Q 1327 A12 ROCKETZ V2
Q 1281 A1200 FUN HOUSE
Q 555 HUGO V2.5 DISK

BREAK-OUT & PONG

Q 003 MEGABALL V1
Q 458 MEGABALL V2
Q 007 BATTLE PONG
Q 421 REBOUNDER PONG

WABES PAC MAN

Q 1346 WABES PAC MAN
Q 559 MEGABALL V3

BOULDERDASH GAMES

Q 731 HAUNTED MINES
Q 254 EMERALD MINES
Q 121 MARATHON MILES

P.D. VERSIONS

Q 025 HUNTER PLUS
Q 022 GODS-T/MACHINE
Q 026 ROBOCOP/T/RECALL

PUB-CLUB GAMES

Q 025 LEMMINGS PACK
Q 023 RICK DANGEROUS

COMBAT GAMES

Q 941 FATAL BLOWS
Q 938 MARTIAL SPIRIT
Q 290 FIGHT WARRIORS

CLASSIC GAMES

Q 1238 WEAPON MASTERS
Q 1428 CYBERGAMES 3DSK

BOARD GAMES

Q 910 NEW MONOPOLY STAT
Q 631 SCRABBLE

ADVENTURE GAMES

Q 778 OVERLANDER
Q 692 SPACE INVADERS
Q 641 COOKIE

DRIVING GAMES

Q 1336 A12 AUTOS 2 DISK
Q 974 F1 EDITOR 94/5

STRATEGY GAMES

Q 951 FLAMMING ENGINES
Q 465 THE ROAD TO HELL

SIMULATORS

Q 1417 MANG FENDERS V2
Q 1466 A12 KNOCK OUT

SPORTS GAMES

Q 1329 BASEBALL GAMES
Q 926 HELICOPTER

HINTS & CHEATS

Q 318 1000 CHEATS
Q 931 BACKDOOR V3

MANAGER GAMES

Q 878 SCOTTISH LEAGUE
Q 404 METROS MANAGER

HIGH SCORES

Q 321 AIRPORT
Q 322 MICRO MARKET

PUZZLER GAMES

Q 431 UFO UNCLOTHED
Q 1359 A12 ALIEN SPACE

STRATEGY GAMES

Q 968 KINGDOMS AT WAR
Q 810 TASK FORCE

ADVENTURE GAMES

Q 876 GLOBAL NUKE WAR
Q 1185 CRIT-HIT NO 1.3

SPORTS GAMES

Q 1222 F-FORCES NO 1.3
Q 1170 A12 LORDS 2 DISK

LOGIC GAMES

Q 1347 BATTLE AT SEA
Q 1431 UFO UNCLOTHED

PUZZLER GAMES

Q 953 CHANEQUE 2 DISK
Q 914 JINX A1200 2 DISK

QUIZ GAMES

Q 309 THE QUIZ MASTER
Q 462 WHEEL OF FORTUNE

CLASSIC-POP

Q 1033 TAZ QUIZ NOT 1.3
Q 1033 TREM TRIV 5 DISK

SAMPLES - MODS

Q 767 COOTNEYE SONG
Q 201 PIANO CLASSICS

DISK & SYSTEM

Q 234 VIVALDI 2 DISK
Q 342 AMIGA-DEUS

AMIGA EDUCATION

Q 213 DIGI CONCERT V2
Q 620 BAGPIPE MUSIC

AMIGA UTILITIES

Q 750 DOOP DOOBY DOOP
Q 248 EXPRESSION V2

AMIGA EDUCATION

Q 473 RHYTHM'S DANCER
Q 1357 2 MEG DACO VI

AMIGA EDUCATION

Q 660 KORG 01W 8 DISK
Q 218 HOUSE 2 DISK

AMIGA EDUCATION

Q 206 SELECTION 7 DISK
Q 647 SOUND FX 3 DISK

AMIGA EDUCATION

Q 937 A1200 / 600 TUTOR
Q 1361 2 DISK INTERNET

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

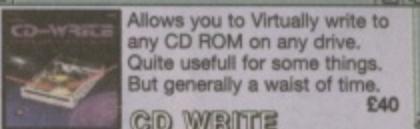
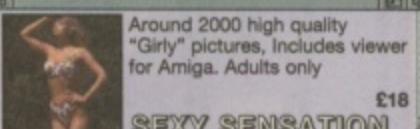
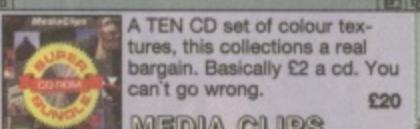
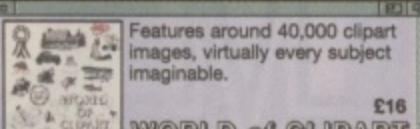
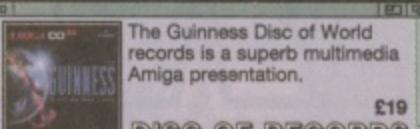
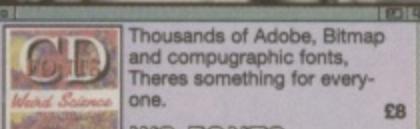
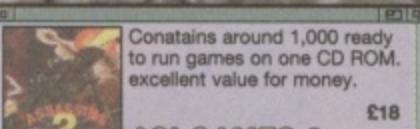
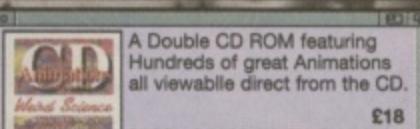
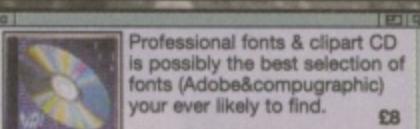
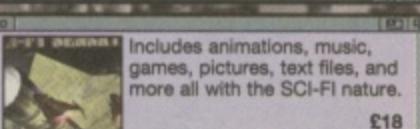
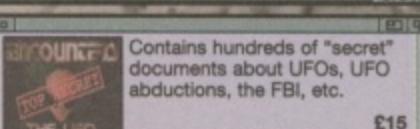
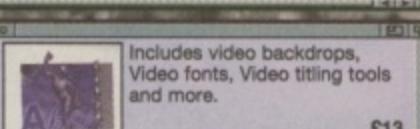
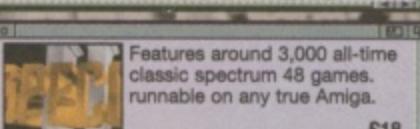
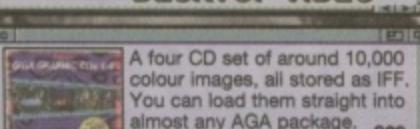
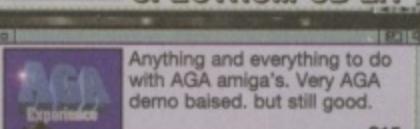
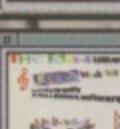
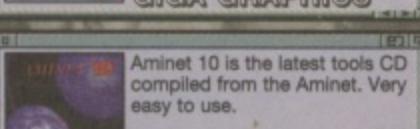
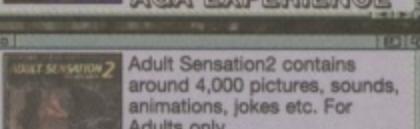
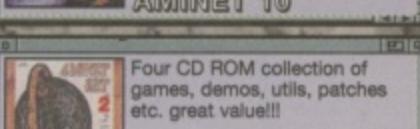
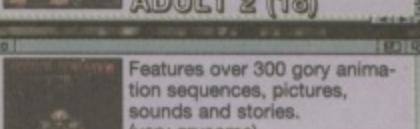
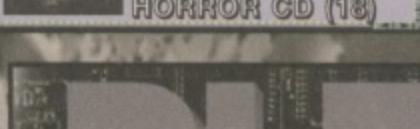
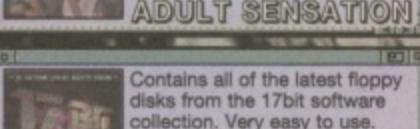
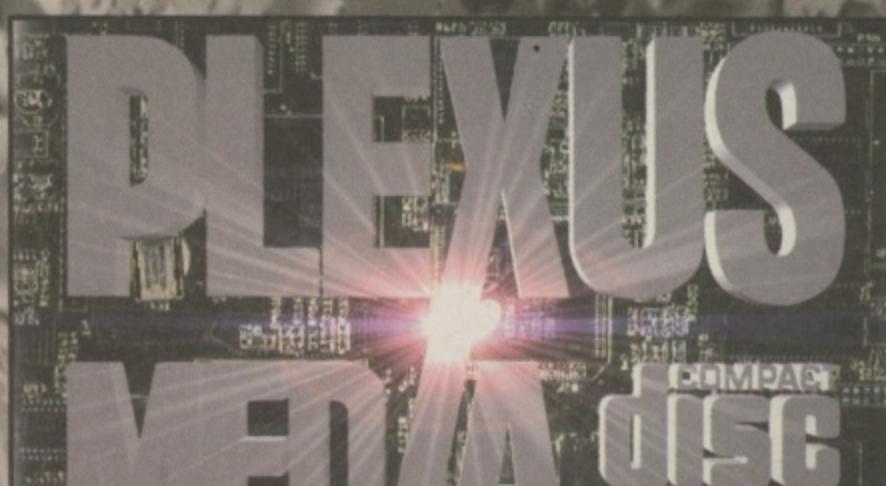
AMIGA EDUCATION

Q 1360 AMIGA GUIDE
Q 1360 AMIGA GUIDE

AMIGA EDUCATION

AMIGA CDROMS

COMPACT
DISC

 Contains Thousands of Workbench icons and backdrops. Workbench3 recommended. PRO ICONS 2	 Compiled over the last 5 years this CD contains only the very best quality textures. TEXTURE PORT.	 Allows you to Virtually write to any CD ROM on any drive. Quite useful for some things. But generally a waste of time. CD WRITE
 Over 600mb of new material all DMSED onto a superb CD, compiled by Active PD. ZOOM	 Around 2000 high quality "Girly" pictures, includes viewer for Amiga. Adults only. SEXY SENSATION	 A TEN CD set of colour textures, this collection is a real bargain. Basically £2 a cd. You can't go wrong. MEDIA CLIPS
 Contains hundreds of great AGA cards for use with Klondike AGA. suitable for any amiga. KLONDIKE GOLD	 Features around 40,000 clipart images, virtually every subject imaginable. WORLD of CLIPART	 The Guinness Disc of World records is a superb multimedia Amiga presentation. DISC OF RECORDS
 Complete with CD ROM, floppy disk, and connecting CD32 lead to any Amiga. NEW super fast transfer version. CD32 NETWORK 2	 Thousands of Adobe, Bitmap and compugraphic fonts, there's something for everyone. WS FONTS	 Contains around 1,000 ready to run games on one CD ROM, excellent value for money. AS1 GAMES 2
 The Grolier electronic encyclopedia. Based on the hugely popular PC version, now available for the Amiga. GROLIER 2	 A Double CD ROM featuring Hundreds of great Animations all viewable direct from the CD. WS ANIMATIONS	 Professional fonts & clipart CD is possibly the best selection of fonts (Adobe&compugraphic) you're ever likely to find. PRO FONTS
 Compiled by 17bit Software this CD ROM has been praised by most magazines for its original and upto date information. LSD TOOLS 3	 Includes animations, music, games, pictures, text files, and more all with the SCI-FI nature. SCIENCE FICTION	 Contains hundreds of "secret" documents about UFOs, UFO abductions, the FBI, etc. ENCOUNTERS
 Features: Space Invaders, Galaxians, Centipede, Q-Bert, Pacman, Defender, Frogger, Lode runner etc. ARCADE CLASSICS	 Includes video backdrops, Video fonts, Video titling tools and more. DESKTOP VIDEO	 Features around 3,000 all-time classic spectrum 48 games, runnable on any true Amiga. SPECTRUM CD 2.1
 Features 600mb of DMS based disks, for sheer value this can't be beat. HOTTEST 4	 A four CD set of around 10,000 colour images, all stored as IFF. You can load them straight into almost any AGA package. GIGA GRAPHICS	 Anything and everything to do with AGA amiga's. Very AGA demo based, but still good. AGA EXPERIENCE
 A double CD featuring samples and thousands of music modules and music tools and players. SOUND LIBRARY	 Aminet 10 is the latest tools CD compiled from the Aminet. Very easy to use. AMINET 10	 Adult Sensation2 contains around 4,000 pictures, sounds, animations, jokes etc. For Adults only. ADULT 2 (18)
 A double CD ROM of around 10,000 colour clipart images, suitable for any Amiga. GIF LIBRARY	 Four CD ROM collection of games, demos, utils, patches etc. great value!!! AMINET SET2	 Features over 300 gory animation sequences, pictures, sounds and stories. (very gruesome) Horror CD (18)
 Contains almost 100 variations of the World's best loved game, all runnable from CD. TETRIS CD	 Contains over 4,000 high quality colour GIF images for use in almost any graphics package. (OVER 18) ADULT SENSATION	 Contains all of the latest floppy disks from the 17bit software collection. Very easy to use. 5TH DIMENSION
 Includes emulators for Atari, C64, Spectrum, Mac, Sinclair QL, Amstrad etc, etc. EMULATORS	 Contains Pictures, Animations, tools, demos, Blah, Blah, Blah! PEARLS 3	 PLEXUS MEDIA SUPPLIERS
 A four CD collection of DMS files. Includes Animations, Fish disks, Music, Demos, Clipart etc. UPD GOLD (4CD)		

LO-CALL

Lines open 10am- 4pm Monday- Friday

0345 66 00 15

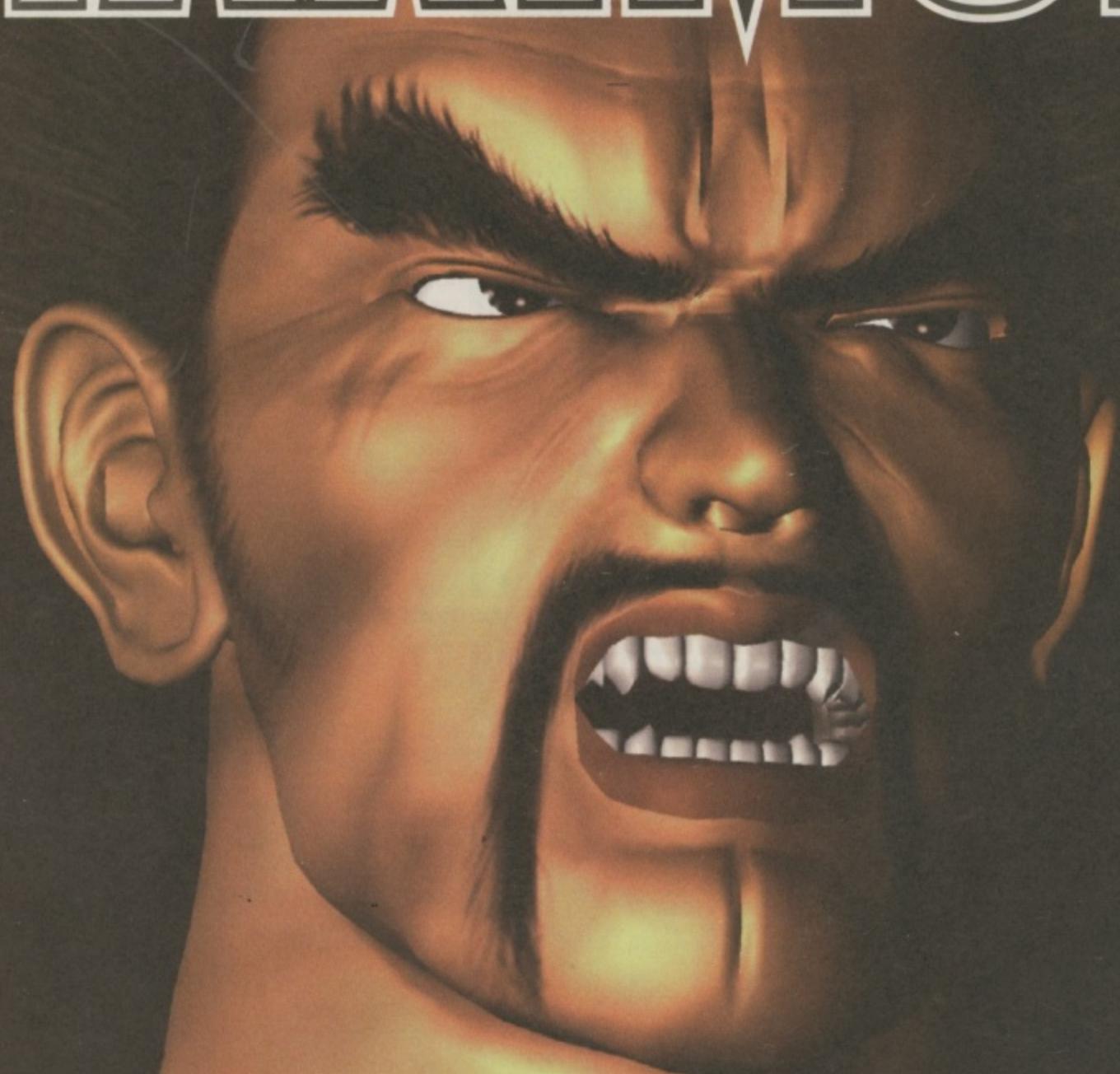
Plexus Media. PO BOX 637, SWINDON, WILTS. UK

TO ORDER BY POST SIMPLY SEND YOUR ORDER WITH PAYMENT EITHER BY CHEQUE, POSTAL ORDER OR CREDIT CARD. UK ORDERS PLEASE ADD £1.00 PER TITLE FOR P&P. OVERSEAS ORDERS PLEASE ADD £2 PER CD. GOODS ARE NOT SOLD ON A TRIAL BASIS. SOME ITEMS MAY NOT YET BE RELEASED. ALL SALES ARE SUBJECT TO OUR NORMAL CONDITIONS. E&OE

TEKKEN 2 ON THE PLAYSTATION!!

THE COMPLETE PLAYER'S GUIDE IN ISSUE 5! SPECIAL NAMCO EDITION ON SALE MARCH 29TH!

MAXIMUM



鉄拳
TEKKEN 2

TEKKEN 2 ARTWORK © NAMCO 1995, 1996
ALL RIGHTS RESERVED

CD-ROM Q&A

Were you one of the lucky ones who bought a copy of last month's superb cover mounted CD-ROM? Yes. Well, try to tear yourself away from it for a moment and see if any of the queries here apply to you.

Q. Why doesn't CUCD II boot on my CDTV?

A The CUCD was labelled as being bootable on the CDTV which is correct. To make it really clear we should have added that you need Workbench 2.x as a minimum to boot. So you'd need updated Kickstart ROMs in your CDTV to boot the CD and to use most of the software on the CD.

Q. Why doesn't CUCD II boot on my SCSI CD-ROM?

A CUCD was created as a bootable CD designed to work on CD32s. Any system capable of booting from a CD should have some level of CD32 emulation software. Many problems have been encountered with some CD32 emulation software which either doesn't work correctly (a few workarounds had to be

made to the CD to work with units such as the Squirrel's emulation) or has been changed by the reader with startup-sequence modifications and so on. The solution is either to obtain better CD32 emulation software or reinstall the original.

Q. MUI 3.2 is on the CD but there's no installer for my HD?

A Correct, we mistakenly installed MUI directly to the CD image which is fine to run from the CD but the Installer didn't include the MUI installer to copy to CD. The solution is to drag the entire MUI drawer onto your hard drive and add the following lines to your user-startup script in the S directory of your Workbench partition:
Assign MUI:HardDrive:MUI
Assign libs: MUI:libs ADD
 'HardDrive' should be replaced with the name of your hard drive partition and/or path where you have dragged the MUI directory.

Q. DataWorld animation doesn't work.

A DataWorld needs an AGA machine with 4Mb and a few libraries to work. If you try booting from the CD and the libraries are not on your Workbench the animation will not run. The solution is to copy the libraries off the CD onto your Workbench drive. Boot from your Workbench and type in

Figure 1.

```
Copy CUCD:libs/xpkmaster.library libs:  

Copy CUCD:libs/xpkFAST.library libs:  

Copy CUCD:libs/math#? libs:
```

Figure 1. Now clicking on the demo should play the animation from CD. The smoothness and speed of the animation is dependent on the speed of your CD-ROM drive.

Q. I haven't got an Amiga CD-ROM and on my PC CD-ROM CUCD doesn't work.

CUCD is a standard CD-ROM which is compatible with PC CD-ROMs but because the Amiga has long filenames as standard, the CD will not work in PC CD filing systems which aren't capable of these extended filenames. One solution is to use a better CD filesystem on the PC such as with Windoze '95 etc. A better solution would be to take the CD-ROM out of the PC and attach it to the Amiga where it belongs.

Q. Why don't some AGA games work on my CD32?

A The simple answer is memory. Though the CD32 has 2Mb, the CD-ROM drive consumes some of this valuable commodity as does booting the CD Workbench system. You can see this in the quantity of memory displayed free in the Workbench title bar. These games usually only just manage to work in an A1200

by running from floppy disk and avoiding the memory consuming Workbench boot process. These problems don't affect A1200s and CD32s with extra memory though on the CD32 side this isn't easy to achieve. The SX32 expansion unit, as reviewed in the April issue, will allow extra memory to be added as well as a keyboard and floppy drive to turn your CD32 into a proper Amiga computer. So equipped a CD32 will run lots of games and applications software.

Q. Why doesn't program x work?

A There could be many reasons. Either your machine doesn't have the necessary requirements or the software conflicts with your own Amiga system software if you've customised it. Reading the documentation provided with each of the packages is not only highly recommended, it's essential when things don't work. There is so much material on the CD, some of it is bound to work and some of it is bound to fail. You'll have to put on your diagnostic hat and try to figure out why it's not working. It may be worthwhile contacting the author of the software if you're sure it should work and all else fails. ■

Mat Bettinson



Masterclass

Using ARexx with other programs can add new features and automate existing ones.

Here's how ...

We've already seen that ARexx is a powerful and elegant programming language in its own right. However, the real power of ARexx comes when it is combined with other programs.

Remember that the Amiga can multitask many applications at once without any effort, and so you can run, say a graphics program and, simultaneously, start an ARexx script running. It's also possible to make use of specific features of the graphics program from the ARexx script. Here's how.

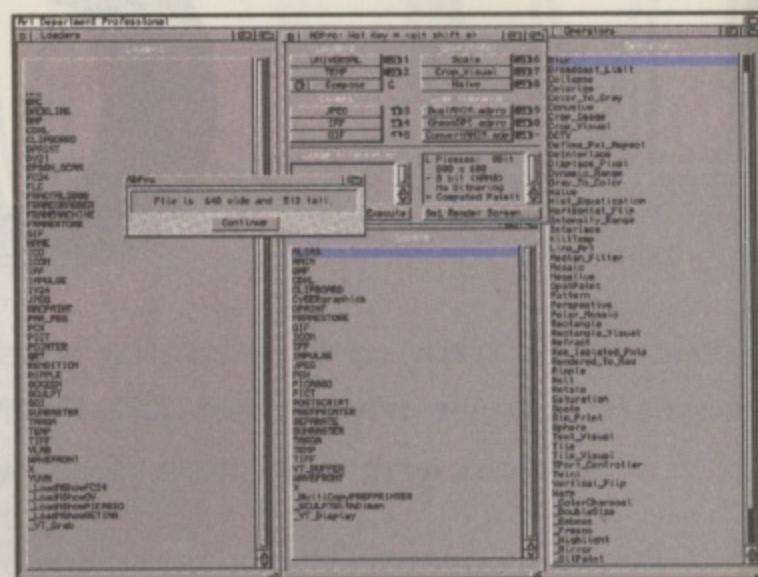
ARexx port

For an application program to be used with ARexx, it must have what is referred to as an 'ARexx Port'. This means that when the operating system sends a command to a certain location, the application program will recognise it. It's up to the application to deal with the ARexx command and perform an action or return a value to the ARexx script. For example, an ARexx paint program may accept

commands such as 'Plot' or 'Circle' and perform a suitable action on the screen. On the next page there's an example of how you would use ARexx to work with another program. In this case we'll use AdPro (the Art Department Professional) as our ARexx compatible application program.

Remember that an ARexx program or script is simply a plain text file and so it can be created with any text editor and saved to disk or to RAM disk. Most programs have their own little foibles when it comes to dealing with ARexx and AdPro is no exception. If you create the script and save it to the directory ADPROSCRIPTS: with a filename such as 'f8.adpro', when you press the Function8 key AdPro will run the script.

This is very useful, as it saves you from opening a Shell window and typing 'rx myprogram.rexx' everytime – although occasionally this is exactly what you want to do, especially



▲ Art Department Professional is (or at least was) the premier image processing program. Its ARexx facilities made it the ideal batch processing utility.

in long batch processing jobs.

Our example program shows what an ARexx script looks like, line by line. ARexx works by allowing the host programs to make new functions available, and so some of the commands don't look familiar and certainly won't work with other host programs. This is simply because they are AdPro commands, not ARexx functions.

ARexx compatible programs

Here is a list of some of the more popular programs to feature ARexx ports. If an application program has an ARexx Port, you can write an ARexx script to call various features of the application or create macros for use within the program. For example, as both the V-Lab video digitiser and AdPro image processor have ARexx ports, you could write a script to grab frames from video, scale them, re-colour them and save them to disk: all automatically.

Ami-Back

Disk back-up and maintenance suite

AMosaic

World Wide Web browser

AmitCP/IP

TCP/IP networking suite

AMOS Professional

Programming language

Art Department Professional

Image processor

Bars & Pipes Professional

MIDI sequencer and multimedia authoring tool

Blitz Basic II

Programming language

CanDo

Programming language and multimedia authoring tool

CygnusEd Professional

Text editor

DeliTracker

MOD player

Directory Opus

File management

DirWorks

File management

Distant Suns

Astronomy program

Final Copy

Page publisher

GPFax

Use modem as fax machine

ImageFX

Image processor

LightWave

Image renderer

MainActor

Animation player

Maple

Mathematics engine

Music-X 2

MIDI sequencer

NComm

Terminal emulator

Quarterback

Disk back-up and maintenance suite

Real3D

Image renderer

SnoopDOS

System monitor

Spot

FidoNet mail manager

Termite

Terminal emulator

Thor

Mail/news manager

TrapDoor

FidoNet mailer

TypeSmith

Font editor

VistaPro

Landscape generator

V-Lab

Video digitiser

Xi-Paint

Paint package

Example program using AdPro

All ARexx programs must start with a comment

ADDRESS "ADPro"

This tells the ARexx system which host program to use. This is the special ARexx 'Port name' you hear about. If you get it wrong, the script won't work as the AdPro commands won't be found. You must get the upper and lower case letters correct too!

OPTIONS RESULTS

This is a special ARexx command to inform the system that some commands will be returning values to the script for processing.

GETFILE

This is an AdPro command, not an ARexx command. It makes AdPro put up a file requester and ask for a file from the user.

filename = ADPRO_RESULT

This is an ARexx command – the variable called 'filename' is set to the value returned in the special variable called ADPRO_RESULT. In this case, ADPRO_RESULT will contain the name of the file the user selected.

okay1 "File name is" /filename

This is an AdPro command. Rather than use the ARexx SAY to print text to the Shell, this AdPro command opens a window on the AdPro screen and displays the text

lformat "universal"

This is an AdPro command and it sets the loader to be universal i.e. automatically detect and load the file.

load filename

This is an AdPro command and it loads the file passed to it – in this case the name was stored in the ARexx variable called "filename".

xsize

This is an AdPro command to get the width of the loaded image file.

x=ADPRO_RESULT

This is an ARexx command to assign the width to the variable called "x".

ysize y=ADPRO_RESULT

As before, although this time the height.

okay1 "File is" x "wide and" y "tall."

This AdPro command (which should be on one line only) will print text in a box on the AdPro screen.

You can see there is really nothing to it, because AdPro does all the hard work for us. All we do is automate the pressing of the buttons by calling the relevant commands directly. The AdPro documentation includes full details of all the commands which are available, and many example scripts are supplied. Some of the scripts will process all the frames in an animation or animate rip-

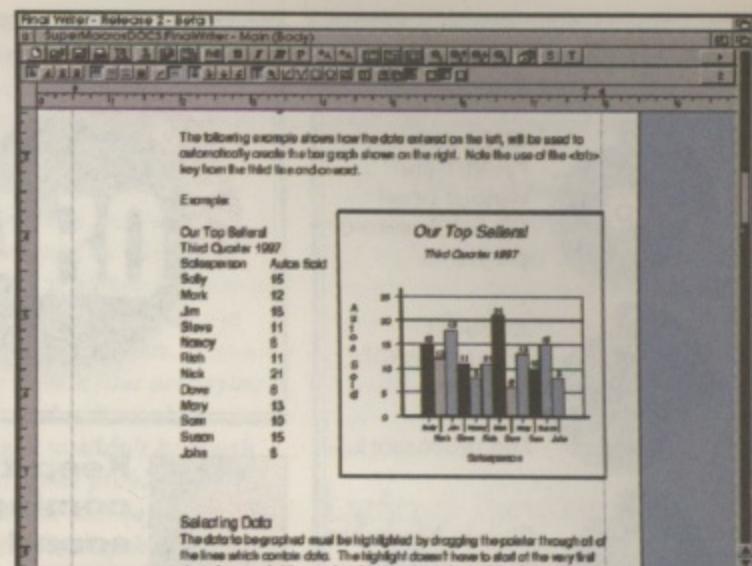
ple effects. Anything which AdPro can do can be automated, which is an excellent way to save time.

This is what 'batch processing' is all about. You set up the computer to repeat a task, and then you go on and do something else (such as going to bed) whilst it gets on with it. You can perform tedious operations such as loading in a thousand images in JPEG format, scaling them and re-saving them in GIF format.

A batch job

You can also use batch processing in a creative way. For example, you might want to make an animation in which the screen fades out and fades in – an AdPro script can load each frame in turn, adjust the colours and re-save it. Or you might want to add ripple effects as though the image was underwater and rain drops were falling on it. Once again, an ARexx script can handle all this for you.

Sadly AdPro is rather hard to get hold of these days, so hopefully the next release of Photogenics will feature an ARexx port. Don't think that graphics programs are the only applications which benefit from ARexx. Final Writer is an superb Amiga 'Page Processor' program, and the authors were smart enough to include a full ARexx port. As a result, hundreds of



▲ FinalWriter is an excellent Page Publishing program and it features an ARexx port. This means that it is possible add your own functions such as the bar chart utility.

ARexx macros have been written and many are available for free from the Aminet (either the CD-ROMs or the Internet site). You'll find scripts which will write business letters for you, draw graphics, wrap text in circles and automatically create drop shadow effects.

Advanced ARexx users can take advantage of the many libraries and routines available. For example, it's possible to create a graphical front end with gadgets, windows and requesters all from an ARexx script. We'll take a look at these next time. ■

John Kennedy

Speeding up ARexx programs

ARexx is an interpreted language, which means it is always going to run rather slowly. One way to speed up ARexx programs is to compile them and there are one or two programs which will do this available. However, it's simpler to simply stream-line the existing script as much as possible and that is exactly what the program 'RexxOpt' I found on Aminet does. Take a look at the following extracts from an ARexx script, showing before and after. Although this is clearly not good programming practice, it is a fair way to get a little extra speed from programs you have already written and tested. Make sure you keep a copy of the original though!

BEFORE

```
/*
Search for file names ending in #?bak, and then
delete them if necessary.
John Kennedy */
address command /* Use AmigaDOS */
/* First, generate list of files & sizes */
Say "Making list of all files in current directory...."
'list lformat "%p%N %!" all files > t:templist'
/* Now, search for those ending in .bak */
Say "Adding up file sizes.."
infile='infile'
outfile='outfile'
total_size=0
number=0
call open (outfile,'t:report','w')
call open(infile,"t:templist",'r')
```

```
do while ~eof(infile)
  data=readln(infile)
  if data~="" then do
    parse var data namepath " " size
    if size='empty' then size=0
    test=right(namepath,4)
    if (test='.bak') then do
      total_size=total_size+size
      number=number+1
      call writeln(outfile,namepath)
    end
  end
  call close(infile)
  call close(outfile)
```

AFTER

```
/* Optimized with RexxOpt 1.7 */
address command;Say "Making list of all files in current directory....";'list lformat "%p%N %!" all files > t:templist';Say "Adding up file
sizes..";infile='infile';outfile='outfile';total_size=0;number=0;call
open(outfile,'t:report','w');call open(infile,"t:templist",'r');do while
~eof(infile);data=readln(infile);if data~="" then do;parse
var data namepath " " size;if size='empty' then size=0;test=right(namepath,4);if
(test='.bak') then do;total_size=total_size+size;number=number+1;call
writeln(outfile,namepath);end;end;end;call close(infile);call close(outfile)
```

Logos, meanings and mysteries:



CD32 queries, ParNET and various other CD ROM-related problems.



All about upgrading RAM, operating systems and processors.



Plug-in hardware of any kind: scanners, disk drives etc.



Answers to queries on particular pieces of software.



Music, sampling, MIDI and anything that makes a loud noise.



Miscellaneous tools to keep your Amiga running smoothly.



Form-feeds, page-breaks, preferences and lots, lots more!



Monitors, TVs, modulators, screen-modes and all that stuff.



Pixels, sprites, animation, pictures. In one small word: graphics.



Spreadsheets, databases, organisers, accounts ...



Everything you need answering about the internet



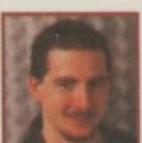
Not everything fits into a pigeonhole, but anything you like fits in here.



Our experts are waiting to answer your most difficult Amiga questions. Send those letters to Q+A, CU Amiga Magazine, 30-32 Farringdon Lane, London EC1R 3AU. Email: Q+A@cuamiga.demon.co.uk



Keep those problems coming, especially sound and music ones - I love 'em.



What I'd give for some real hardware challenges. My grey matter hasn't been taxed for ages.

Amiga E



I began to start programming Amiga E around November time and I was delighted to find you

were giving a book and tutorials away about this language. In your magazine and in the accompanying book you mentioned the 'Amiga Rom Kernel Reference Manual (Libraries)'. Do you know where I can purchase this book?

Richard Lake
South Humberside

Most large book shops should stock it in their computer departments. In fact, hang on [nips down to local WHSmith] yeah it's still there. Alternatively, you could get it from your local library, they should be able to order it for you - it's published by Addison Wesley.

Clip art corner



I have an Amiga 1200, with 3Mb RAM, a 450Mb hard drive, an Epson LQ-100 printer and a

Zappo CD-ROM. I have a couple of questions. Firstly, where can I get some .CGM clip art from? I have Wordworth 3.1SE and am fed up with the poor (jagged) print quality of bitmap graphics in my documents. I am aware that Digita sell .CGM clip art but I feel that this is expensive compared to the amount of data that can be stored on a CD for about twice the price. Do you know of any CDs that have .CGM clip art on them? I have a lot of .EPS clip art which unfortunately Wordworth 3.1SE does not support. Are there any converters available? Secondly, where can I get a colour VGA monitor from? About

how much will it cost? I use a portable colour television at present but I am fed up with the poor quality picture especially when doing DTP work.

Gareth Moyle
[no address supplied]

CGM clip art isn't a common standard for the Amiga, but worry not you can still get it. Give the lads at SELECTAFONT a buzz on 01702 202835, they do a good range. VGA monitors come in all shapes, sizes and scan rates and it's the scan rates you need to worry about. Although you can get bargain basement models, most of them won't support the lower and common resolutions that the Amiga produces - you won't, for instance, be able to use it for playing games. This is why there are lots of cheap VGA monitors around but few sold by Amiga suppliers - most of them won't be any use to the majority of Amiga users. Your best bet is the recently introduced Amiga Technologies monitor, although slightly more expensive it will support the major resolutions you need.

Atari music



For the past few years I have been recording songs using a sequencer on an Atari STFM machine and

therefore I always save the songs in the standard MIDI file format (format 1) to Atari formatted floppy disks. Now the question is how do I get sequencers on the Amiga (Bars And Pipes etc) to read and load the MIDI data from the Atari disks? Whenever I put the disks into any Amiga drive the disks aren't even recognised.

D. A. Ledder E. West Yorkshire

An Atari user huh? You have our

deepest sympathies. Unfortunately you don't say which model of Atari STFM you have. If it's one of the later 1040 models you shouldn't have too much of a problem. These had a disk format very similar to PC MS-DOS and as such most Amiga PC disk converts DOS-2-DOS etc will be able to read them. If it's not you're on a boat, without paddles, heading downstream towards piranha invested rapids. Get your ST to save the MIDI files to PC (MS-DOS) formatted disks and the Amiga will be able to read them as standard (if it's an A1200).

Webbed wonder



As I am into computer graphics and programming I'm thinking of starting to develop my own of WWW

homepages. My first option is to enhance my old 286 PC and try to obtain an HTML developer's package. Another option (my preference) is to use my HD equipped A1200 but is it possible? Does serious HTML software exist for the Amiga? I mean I tried out Hyperbook, which was good fun, but seriously outdated and certainly not fully compatible with the A1200. Through your January 95 issue I then learned of AmigaGuide (I have V.39.11), but is it any good for my purpose - like does it have graphic capabilities? Does it play back sound and animation or is it just a basic text linking tool? Where can I learn more about Amiga Guide? Another thing that's been bugging me is the PC/Mac/Amiga 'cross-platform' problem.

Would it be possible to create a 3-in-1 computer - based around the Amiga of course? An accelerated tower cased A1200 with

Into the Arc



Just a quick message in relation to the letter sent in by O. Hodgson (Q&A Feb '96) regarding getting MultiCX and Arq to work together. [I thought you said it was quick - Ed] I too have had a little trouble getting both Arq and MultiCX to run from the WBStartup drawer. Anyway the suggestion you

made doesn't seem to clear up the problem - resulting in a variety of different problems. However I laboured over the problem for a evening and came up with another way of getting Arq to run.

1. Install MultiCX in the WBStartup drawer as usual. Arq must go somewhere else though - I put it in a directory call 'Arq'.

2. Next load a text editor, start a new document and type:

SYS:C/run >NIL: SYS:Arq/Arq >NIL:

Now save this text file as 'Arc.script' and make sure it goes in the WBStartup drawer along with the MultiCX program.

3. Load IconEdit (Workbench/Tools/) and set the icon type to PROJECT. Now draw a nice picture of a scriptfile or something and save this as 'Arq.script.info'. Again, make sure this goes into the WBStartup drawer.

4. Close all your programs (so you can see the Workbench screen) and take a second look in the WBStartup drawer. Click on the Arq.script icon once, and then from the Workbench menu select INFORMATION. In the window that appears click on the DEFAULT TOOL box and type:

SYS:C/Iconx

Now press Return and close the window with Save.

5. Finally check you have IconX and RUN in the C directory of your hard drive boot partition. Then reboot your system and everything should run smoothly.

Mark Crawley Leeds

a 486 or Pentium card and a Mac Emplant - could it be done? Could it be made 100 percent compatible to a real Mac or PC, and would it be on par speed wise?

T. S. Nielsen Langaa, Denmark

While it would certainly be possible to create HTML (Hyper Text Markup Language) pages on the Amiga you can't do it using programs like Hyperbook - they work using a different format. Instead you'll have to write the scripts that WEB pages are made up from in a text editor and then view them with something like AMosaic. If you've had any experience of programming you shouldn't find this too difficult. As for upgrading your PC, kindness is the best option - put it out with the rubbish. As to creating a super Amiga-PC-Mac machine it's certainly possible and a number of people have already done it. But, there are several considerations. Firstly, it'll cost you more to build such a system than buying the different systems in the first place.

Secondly, you'll never get the same performance as a real PC or Mac. Still if you want to do it, it's your money.

For the tower give Intrinsic a call on 01474 335394. The Mac/PC Emplant is available from Power

Computing on 01234 273000. If you're serious you'll also want a bigger power supply, which Datel (01782 744707) can supply.

DOOM for CD32?



I have a CD32 and an Amiga 500 (with 1Mb upgrade). I was thinking of upgrading to an A1200. Would it be better buying one or buying the SX-1 for the CD32? Can I get the AGA chipset separately? Are any Amiga game publishers thinking of bringing out any big name games, or 3D beat 'em ups for the CD32? I feel the license has been wasted slightly and the lack of big name games has disappointed me. Surely if the SNES can do Doom then so can the CD32! And lastly most of the games which contain intros for the CD32 have been packed into a box in the middle of the screen. Is there any way I can get them to cover the whole screen?

Andrew Burridge, Liverpool

Without any doubt your best upgrade path would be to get a new A1200. The CD32 and the stock A1200 aren't really powerful enough to run

modern big name games - more of this in a second - but at least with the A1200 you can upgrade it with accelerators to increase its capabilities, you can't with a CD32. This is the reason why the film intros of CD32 games occupy such a small area of the screen. The CD32 just doesn't have the processing power to play a full screen film sequence at near acceptable frame rates. It would be possible to have a film occupying the entire screen but it would be so jerky and slow it wouldn't be worth watching. The same problem is also one of the reasons that software houses aren't releasing their big name games on the CD32 anymore. The other being that they believe there aren't enough users to buy their games and thus recoup the money it takes to develop the games. Getting systems like the SNES and CD32 to play Doom takes a lot of work and money but with the SNES developers can be sure it'll sell millions of copies - something the CD32 version will unfortunately never deliver. On the A1200 this isn't so much of a problem as there are still plenty of new innovative developers who are creating similar games.

Finally, to take advantage of the AGA chipset you'd need the latest version of Workbench plus a major upgrade of the motherboard so it's not available separately.

Fixed flicker



After loading PageStream 2.2 the screen flickers and the window and menu is compact. The toolbox is also juddering. The same happens with Protext V, but this doesn't happen with Wordworth AFC and Interword V1.53. Do I have to reset something on PageStream and Protext?

E Fountain, Cheshire

What you're seeing is interlace screen flicker, which is used to show higher resolutions. This allows more to be displayed on the screen, but this is only possible by splitting the pic-

ture into alternate pictures that flick from one to another very quickly (updating at 25 frames per second rather than the standard 50 frames per second).

Select the PageStream2UK icon and select the Information or Info menu command. Click on the 'Screen' and change it to Workbench before finally clicking on Save. Next time you load the program it shouldn't judder. Refer to the Protext manual to see how this is done in that program.

Lying around



I have upgraded my Amiga 1200 hard drive to an 850Mb IDE 3.5 drive. That leaves me with a hard drive sitting around. I am wondering how I would connect up my old drive to be a slave to my new hard drive.

Nigel Avock Whitminster

With IDE hard drives you can connect a second drive to the first, having two of them running at the same time. The second drive is known as the slave, the first being the master - nothing like a bit of domination! Unfortunately Nigel you don't give the make and model number of your old hard drive, so we can't give specific details. However, on the drive you should see a selection of dip switches and one of these will set it to be the slave drive (if you're lucky it'll tell you the settings for master and slave on the unit). Put a jumper on the correct switch and then connect it to the first drive, you can get IDE cables with two connectors from most dealers.

Finally, you'll need to get a power supply splitter - one that divides the power lead up into two plugs, one per drive, again your dealer should be able to supply these for a small cost. The other point is that you may not have enough power in your Amiga to run both drives, again without knowing the make/model of your drives we can't say for definite. If you run into problems try upgrading to a Goliath power supply. ■

Send your Q&A problems to...

You can send your technical problems [or answers - Ed] to CU Amiga by the following means:

By letter to Q&A, CU Amiga, Priory Court, 30-32 Farringdon Lane, London, EC1R 3AU.

Email: Q+A@cu Amiga.demon.co.uk.

NO SAES PLEASE We regret that we can't respond to readers' questions by post or over the phone. Please do not include a stamped addressed envelope with your letters, as we simply don't have time to answer the thousands we receive. Responses are only available through the pages of this magazine.

Points of view

Do something Escom

by Alan Dykes

The position with Escom stores has not been satisfactorily resolved yet, and to tell the truth I'm sick of it. I'm sure Amiga Technologies are sick of it too, but corporate loyalties won't let them admit it. Yes, as we have been told recently, the Amiga is still being sold in these ex-Rumbelows outlets, but the word 'sold' is surely being applied very, very loosely. Available would be a more apt description. Reluctantly available might be better.

Last month, John Smith told us that steps were being taken to make sure that the Amiga was displayed in these stores. Fine. John would like nothing better I'm sure and he's probably put plenty of pressure on his Escom colleagues to have this edict carried out but I'm afraid it's not working. It is of course possible that somewhere in the country a nice Escom man is welcoming prospective Amiga purchasers with open arms, but I've not heard about it yet. Please write to me if any of you have but I don't think we'll break Robert,

Unfortunately no one in Benshien has endowed the Amiga Magic pack with hands, legs and a mouth of its own to go out there and sell itself ...

our Postman's back with the deluge. Prove me wrong if you can. There's nothing I'd like better.

This is based on personal experience and what other reliable sources have told me. I've checked: neither Wood Green or Upper Street (both in north London) branches of Escom had an Amiga on display with a monitor hooked up, running animations in Personal Paint; running anything at all. They didn't even have one out of its box. And I swear there was dust on top of the boxes themselves - even the cleaners wouldn't touch them. One horror story related, first hand, to me from a different part of the country was of a middle aged

man walking into an Escom store actually expressing a serious interest in purchasing an Amiga but being continually turned towards a PC. The conversation went something like this: Shop assistant: "It's good for graphics sir, but a bit slow. Potential purchaser: "Oh, I'm into graphics, can I see it running". Shop assistant: "Er, no, have you seen that PC, it's good for graphics too". Potential purchaser "But could I see an Amiga running?". Shop assistant: "We don't have one plugged in right now". And so on.

Interestingly enough an Escom manager wrote in to backchat this month complaining about the lack of training for staff in the ways of the Amiga. Perhaps this would be a start towards a solution.

Selling itself

David Pleasance was the first person to tell me that the Amiga could sell itself and he did know a thing or two about them. Set it running in a shop window with some nice animations or a stunning game and people will ask about it.

Since then new Amiga bosses, Petro Tyschenko, Jonathon Anderson and John Smith have echoed this. And they're all absolutely right. Unfortunately no one in Benshien has endowed the Amiga Magic pack with hands, legs and a mouth of its own to go out there and sell itself, so sadly we've got to rely on partisan human salespeople to put them in shop windows, talk to people about them and SELL them. And some sort of advertising back-up wouldn't go amiss either.

Dear John Smith and Petro Tyschenko, walk into an Escom in store in Britain and try to buy an Amiga (without flashing your business card). You'll soon find out what's going wrong.

Perhaps the new Amiga will create more interest but in the meantime what's available presumably has to be sold. Let's hope something more positive can be done about this.

Just in case ...

And just in case you think I'm always whining like an old windbag I'd like



to congratulate Amiga Technologies on the specification of their new Amiga. I also applaud the speed at which they're trying to develop and launch it: by all accounts it should be available by summer, as anyone who has read our news piece on the Hanover show will already know. They realise this market needs a new machine and, as promised in last month's exclusive interview with John Smith, it's really on the way. But blow me down if it doesn't look like the box cover off my mum's old sewing machine. At least from the pictures I've seen. But I'll reserve final judgement until I've seen one in the plastic.

What's terrifically exciting is the fact that it seems likely that more than one internal expansion port will be available. How about a processor AND a graphics upgrade? This is something that more advanced AGA users have been clamouring for for ages. The PCMCIA slot has been dropped, but with fast serial as standard, this is not going to be a serious problem: no doubt SCSI will be an optional add on at a later date.

No, if the price (and packaging, but more of this at a more appropriate date) is right a machine with this specification will sell like hotcakes, and if the sales problems I touched on earlier can also be remedied then Amiga really is "Back For The Future". Hold on to your seats.

Dare to look different



by **Tony Horgan**

"But it doesn't look like a PC!" comes the cry from onlookers as the prototype 'Amiga Walker' is unveiled. You're damn right it doesn't and why the hell should it look like a PC? Now that the general public have been brainwashed into the notion that "computer = PC clone" it would be foolish for Amiga Technologies to box up a new Amiga in PC clothes. If they had, imagine the scenes as Joe Punter walks into his local Escom shop on the lookout for a good value versatile computer ...

Punter: I'm after a computer. Assistant: Certainly Sir, what did you have in mind? Punter: Well my mate knows about computers and he said

it's no good unless it's got the following things written on the box: Pentium, Plug and Play, Windows, Internet and Multimedia. How about this one, the one that says Amiga on it? Assistant: Well it hasn't got a Pentium, or Plug and Play, or Windows but it can do those Internet and Multimedia things. Punter: No, I want to fulfil my checklist: Pentium, Plug and Play ... How about that other one then? Assistant: Certainly Sir, this is our latest cheapo bundle which will register all of your buzzwords and have you walking out of the shop with a PC that can barely find enough spare RAM to display an 'out of memory' error message once it has booted Windows. Punter: I'll take it! Oh, and while I'm here, do you sell vacuum cleaners?

OK, so I'm being a little generous toward the shop staff there: assuming that the sales assistant actually knows anything at all about the products that are on sale in his shop.

However, if you encourage people to compare an Amiga, buzzword for buzzword, pound for pound, against a cheap PC it's bound to lose out, especially when there is no-one on hand to argue the Amiga's side of things.

The Amiga should not be chasing after the PC. The Amiga is, and I hope will always be a special computer bought and used by the

If the new Amiga looks different, then maybe it will catch the eye of those who are looking for something a little different under the bonnet.

discerning customer. If it looks like a PC then people will assume that's what it is, only a lesser variant because it doesn't bow to the PC's buzzword agenda. If the new Amiga looks different, then maybe it will catch the eye of those who are looking for something a bit different under the bonnet.

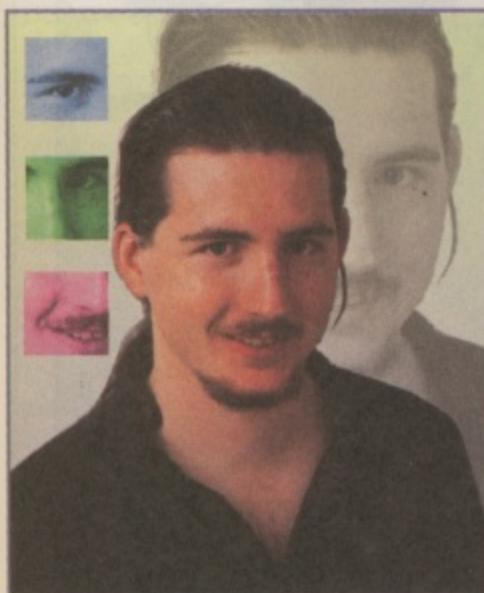
That's why the majority of us are using Amigas now. We want something a bit special in our computers, and we want to do special things with them, regardless of what the rest of the computing world is currently being spoon-fed by the mass media.

The Amiga has always been a machine that has captured the imagination and it must continue to do so in its future forms in order to maintain its position as the main machine for original, creative and inventive computer users.

If that means dressing it up like a hoover, then so be it.

■ Tony Horgan is CU Amiga Magazines' technical Editor

To suck or not to suck?



by **Mat Bettinson**

We heard all the jokes. The new Amiga (codenamed project 'Walker'), when finally revealed at the CeBIT show in Hanover, Germany, was radical but also mildly ridiculed. AmiVac 5000 and Amiga Hoover+ jokes raised quite a few chuckles (see pictures in news pages). However, at

the end of the day what Amiga Technologies have produced in Project Walker and what I said it should be in the past, were all uncannily well matched. 6Mb of RAM, stock hard drive, CD-ROM and real-time clock is what we all knew it needed. Then there's the new IO chip which will finally give us high speed serial for comms use and more.

This baby was designed to be fully expanded to a Power PC processor with an official AT upgrade in early '97. It's a great low-end Amiga now and yet miraculously it can be expanded to the highest levels of modern computing capability – all housed in a 1950's-style juke-box-radio-cum-vacuum cleaner case (which, incidentally, I love). Given that AT surprised us by getting A1200s out the door so quickly and have surprised us again with a completely new working machine where we expected a circuit board in a pizza box (a flat desktop-style machine had been proposed), I feel congratulations are in order.

In complete contrast to AT's design

largesse, Motorola showed a range of PPC based computers at CeBIT and not one of them looked anything different from a PC. And certainly none of them had an OS suitable for home use. The 'Walker' with a PPC and

If it's a great low-end Amiga now and yet miraculously it can be expanded to the highest levels of modern computing capability.

graphics board will kick major butt and should see massive success. This is the first time in ages I've seriously looked forward to the next Amiga. Now all they have to do is get those A1200s in Escom stores turned on and booted up (with a nice WB disk), sell some and pay for this prodigy's manufacture. The rest of us can dream of PowerPC equipped vacuum cleaners in the mean time.

■ Mat Bettinson is CU Amiga Magazines' technical Staff Writer



Backchat

NFA fight back, Escom manager gets hot and bothered. Bucket of water please for this month's selection of readers' letters.

Oi, cheezy Mat. NO!

To the bloke with cheezy beard (Mat B). I'm here to set the record straight. Being a member of NFA and the coder of enLOCK I was just a little annoyed at the comments you made in the March issue of CU Amiga Magazine. With reference to: 'it didn't work because the installer was hopelessly broken'. What are you on about? In the same month Roberta Smith DTP supplied the exact same disk to another Amiga magazine which managed to install it perfectly and even awarded it Utility of the Month. So what are you doing wrong, are you so hopelessly stupid?

The Amigaguide documentation which you go on to attack is another thing you managed to get wrong. The default tool is incorrect, you say. How can Multiview be incorrect when it worked on everybody else's setup, including the many registered users! Yes that's right I've got registered users too. You did test enLOCK on Workbench v3.0 didn't you?

I don't see how you can make assumptions that enLOCK hadn't been tested at any time during development. If you wanted to contact me before publishing an untrue statement then why didn't you write to me at the address which is supplied in the Amigaguide documentation? Everyone else seems to be able to find it. The PO box address in the documentation was for joining NFA or getting hold of the latest NFA productions directly from HQ.

As for the Ask Elite references in the bulletin board adverts at the end of the installer, they are used in place of the numbers to remind people that the board is running. The ASK-ELITE is to prevent people from calling the BBS and wasting time leaching software (PD) without uploading anything in return. To get the number you'd have to know the actual BBS sysop or a friend to use the board which would probably mean you knew somebody in the group. It's not because there's pirate software on the boards but just to allow traders to get hold of and spread the NFA productions without the hassle of using a busy public BBS.

Letter of the month

Escom man bites back

I am an Escom store manager who is completely dedicated to the revival of the Amiga and, contrary to popular belief, a good quantity of Escom staff are as well. What your readers fail to see is that there is very little support from either the public, media or AT. The availability of training and supportive literature is limited which makes it difficult for Escom staff to become competent at using and demonstrating the Amiga. This is also compounded by Escom not stocking any add on peripherals or Amigas with hard drives.

I bet most of you are thinking what is this guy on! What does he mean about no support from the public. Let me explain, how many of you can honestly say that you have written to Escom asking why are they not stocking Amiga accessories or that you went to your local store to see if you could offer ten minutes of your time to an uneducated Escom sales person who after all is not trying to have a lack of knowledge. You are the professionals; not many people know more about the Amiga than the people reading this magazine.

And as for the media/AT why don't you stop pointing the finger and get off your backside and do something about this lack of awareness of the Amiga. Why not arrange a joint competition between the media and AT to design a demo to run in all Escom stores highlighting the benefits of the Amiga showing what this quality machine can do.

Most of you may read this letter and say I can't believe what this guy is saying, he is expecting us to do all the work. If that's your opinion then that's fine but just remember it is all too easy to blame someone else.

Nigel Stone, Wiltshire.

PS these are my personal feelings and not those of Escom UK or Amiga Technologies.

The advert on the installer was targeted at both the PD buyers and NFA members. On top of all this: I don't even own a modem.

Saying that Roberta Smith DTP had made an oversight with enLOCK is untrue. In future if you have trouble getting a piece of software from a PD library to work why not make helpful comments as to what's wrong if you must review it, instead of picking on lots of small points and filling the rest of the review with plenty of bull.

Mike Carter, NFA.

Firstly, yes the installer was broken. It didn't work on two machines and Mat, cheezy goatee or not is no stranger to installers and was able to fix it. This is obviously not something a potential PD buyer should have to do. We can't speak for other magazines but maybe their standards of review are not as rigorous as ours. We haven't seen this review.

Interestingly, you tell us that ASK ELITE in a telephone number means that it's not a public BBS, but later on you say you don't even own a modem. How do you know? Mat having been involved in comms for many years has lived in the belief that ASK ELITE does infer piracy, as do most of his comms colleagues and correspondents, not to mention Roberta Smith DTP who knew well enough to remove the disk from their PD catalogue.

We could have spent more time detailing exactly what was wrong with enLOCK but decided

THE FAR SIDE

By GARY LARSON



Ironically, Barnum's and Bailey's respective kids—Sid and Marty—both ran away one night to join corporate America.

to devote the space to more worthy PD Utilities. Ones that worked and didn't contain dubious messages in their installer. We also thought we might be doing NFA a favour since they are so obviously against piracy. You wouldn't want people getting the wrong impression because of misunderstood words in the installer, would you?

Change direction

It was good to see for once that your feature Software 96 (March CU Amiga Magazine) was more than simply a list of threatening statements from various developers predicting their departure from the Amiga market. OK there was the usual piracy problem piece but on the whole it was very positive in respect to the Amiga's future.

I couldn't help wondering though, is piracy the real problem or have the software developers and the publishers simply become victims of their own propaganda. I admit, piracy is a problem across all formats including carts and CD-ROM but have the software companies ever actually done any research into why sales of software has declined.

Looking back ten years, like many people I spent possibly two hours a day playing games and so brought at least one new title per month but as my Amiga expanded so did its capabilities. I'm still a heavy user of my Amiga but most of my time is spent writing and answering mail and I can honestly say that I've not looked at a game for over two years.

Is it possible the Amiga has in effect grown up? Looking at all the people I know personally in the Amiga community which is quite a few, all of them have expanded machines capable of running the latest games like Breathless etc but their interest in games is almost non-existent. So could it be that the decline of the Amiga games market has been like so many other things, not the fault of the pirates or Commodore's demise but a victim of affordable technology. OK not everyone has the financial setup but they are fast becoming a minority.

So perhaps it's time that the developers and everyone else involved in the Amiga games industry took a good look at the everyday Amiga users and actually asked what we, the Amiga community, want from them. Personally speaking, if I were asked whether I wanted a high tech spec all encompassing Doom clone to while away the hours each night or if I would prefer to see their talents spent developing a new generation of Amiga specific internet software I know what my choice would be.

Maybe the answer for the software developers is not a change of format but simply a change of direction.

Mark Godley, South Yorkshire.

Dirty tricks

It seems that a lot of Amiga owners either can't or won't spend any money on their beloved computer. In fact I'm sure a lot of these people haven't got a bit of original software in their collection except for what they get from your 'dirty tricks'. By dirty tricks I mean the CDs and floppies on your mag cover.

Don't get me wrong, I think these disks are great value for money and not "Oooh, I got that CU Amiga last month and the software was brilliant, but it was all just a trick to get me to buy the magazine". Of course you've got to buy the magazine! Don't people realise that no sales means no magazine? Please trick me again and again.

People with this attitude make me so mad. They say they want the Amiga but are

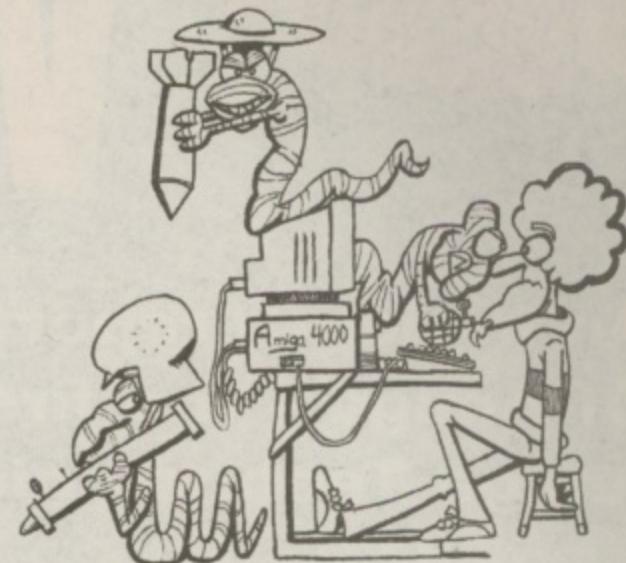
Picture corner

I read your Alien Breed 3DII preview and thought the pictures were superb. Inspired, I got on my A4000/030 and whipped up some illustrations, which I hope you like.

Trond E Haveland, Norway.



You know that your Amiga has superb graphics when you wake up in a cold sweat after you have played Alien Breed 3D2 the night before



Don't play worms after midnight...

prepared to do nothing to save it. Thanks for a great magazine and all the 'tricks'.

Bob Andrews, Cambs.

Dear John: hands on hearts, none of have ever done tricks for a living!

Ford versus Jaguar

I feel that the negative comments made by many of the contributors to your letters section about the inferior performance of the Amiga against the PC need to be redressed. I work in the motor industry and I would find it inconceivable if a Ford Escort were to be compared to a Jaguar XJS. This, however, is the situation the Amiga constantly finds itself with regards to the PC. Whilst I think that the PC is technically superior it is also, in most cases, three to four times more expensive than an Amiga.

A standard Amiga can create video titles, platform games, word process and has numerous other applications. However, with many PCs before you can use similar applications you have to purchase different graphics. The Amiga is a very capable machine and purchasing extras can turn it into a PC beating machine. Comparing an Amiga to a Ford Escort is I believe a valid comparison as the Escort is a practical vehicle capable of fulfilling all the needs of a motorist without the need to spend large amounts of money to keep maintaining it.

However, spending a modest amount of money on performance parts can give it similar performance to an XJS. Likewise adding a hard drive, accelerator board, monitor and extra memory can produce PC-like performance at a fraction of the price. This, I believe, is the line Amiga Technologies should use when promoting.

Kevin Coate, Somerset.

Bravo

Having recently upgraded my A1200 to a 6Mb CD system, I was gratified to see CU Amiga

Magazine publishing a CD for a magazine. I represent the portion of your readership that can not afford to buy and upgrade a PC but I find that I can (just) keep up with the Amiga and therefore keep up with the latest advances in computing and general technology.

I read with interest Mat's diary file concerning the compilation of the CD and I think that having done it twice you will get more efficient as you go on. Well done Mat POB (pat on back). I believe the future of the Amiga and therefore CU Amiga Magazine lies in this growth area. With a view to this I suggest a new section in your next CD for those of us who can not afford to use WWW or internet but who are interested. A HTML drawer with various local browsers (AWEB), the home pages of various WWW sites. You could have a section in the magazine for the readership to write in and request various sites pages. I believe most site owners would be more than happy to have this (free?) advertising of their site and larger businesses could use this as a way to gather the names of people who receive direct mail.

Stephen Malakos, Surrey.

We're glad you liked the CD and your suggestion of including entire WWW sites on our next CD is a very good one. There's a wealth of excellent Amiga sites maintained around the world and many of them have first rate material which is both informative and interesting. Mat promises to include much more HTML on the next CD.

Also we'd like to take this time to announce that we will be starting our own very comprehensive WWW site soon.

Unlike other publishing houses on the 'net, we'll be integrating the CU Amiga Magazine 'home page' into the routine magazine operations for a constantly changing site hopefully of value to Amiga users all over the world.

Naturally we'll also be putting the site on the next CUCD. Stay tuned, the URL will be in the next issue of CU Amiga Magazine.

It's
Showtime!

World of

**An in-depth report from the second ever World
Of Amiga - the first UK show sponsored by
Amiga Technologies!**

**More news on the new Amiga and some of
your suggestions for its name!**

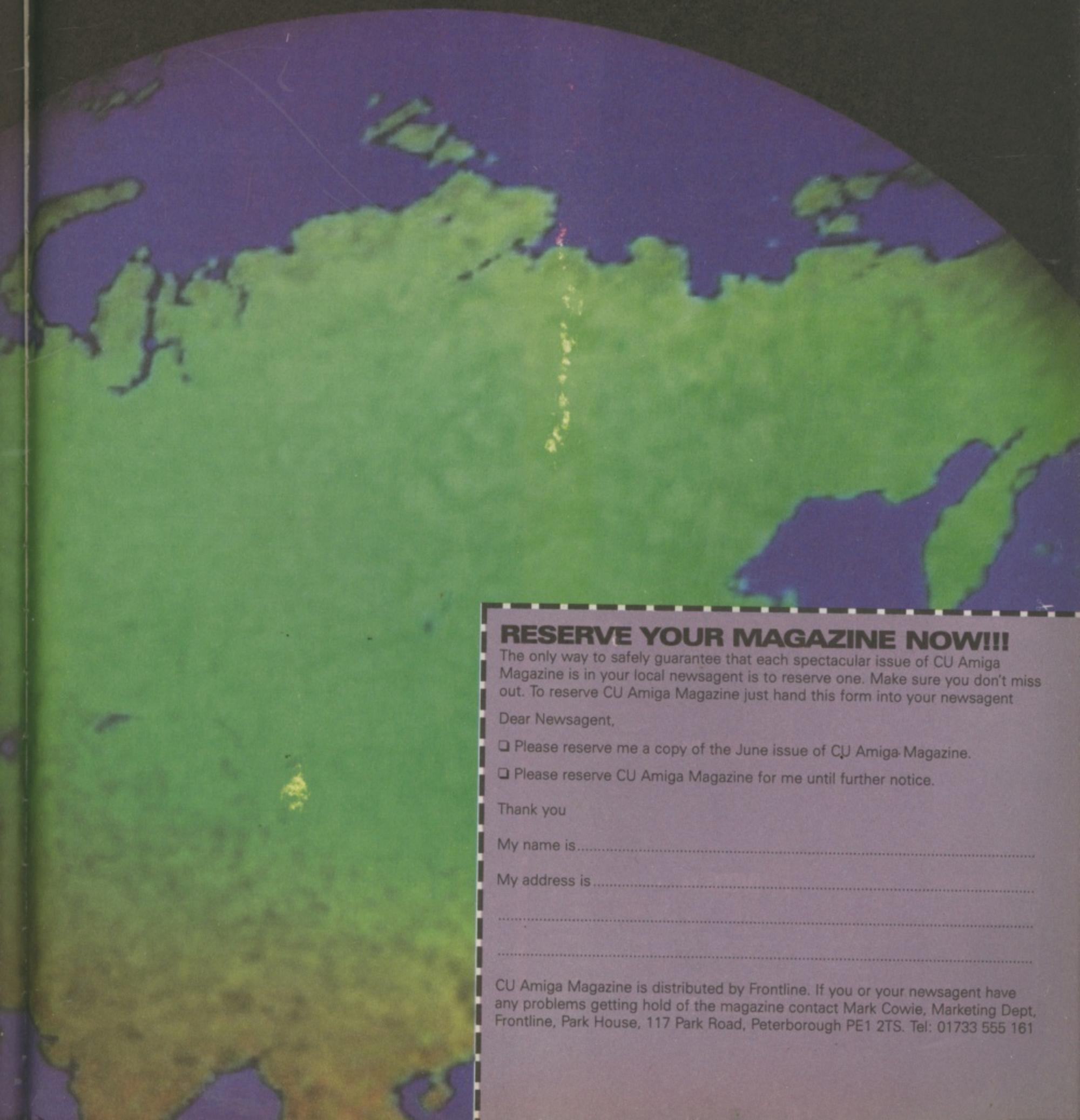
**Plus: Mat Bettinson's
ultimate guide to Amiga Comms:
Find out the best setup, the
best sites and the cheapest
way to surf the globe from the
Amiga's top 'net authority!
Learn from someone who
actually knows what they're
talking about for a change!**

For review:

- **A4000T**
- **Sound Studio**
- **Alien Breed 3DII**
- **Chaos Engine 2**

**CU Amiga Magazine June 1996.
All this and more on sale May 15th!**

Amiga 1996



RESERVE YOUR MAGAZINE NOW!!!

The only way to safely guarantee that each spectacular issue of CU Amiga Magazine is in your local newsagent is to reserve one. Make sure you don't miss out. To reserve CU Amiga Magazine just hand this form into your newsagent

Dear Newsagent,

- Please reserve me a copy of the June issue of CU Amiga Magazine.
- Please reserve CU Amiga Magazine for me until further notice.

Thank you

My name is.....

My address is.....

CU Amiga Magazine is distributed by Frontline. If you or your newsagent have any problems getting hold of the magazine contact Mark Cowie, Marketing Dept, Frontline, Park House, 117 Park Road, Peterborough PE1 2TS. Tel: 01733 555 161

Back Issues

£5.99 is such a small price to pay for such top value and it even includes P+P as well.

March 1995



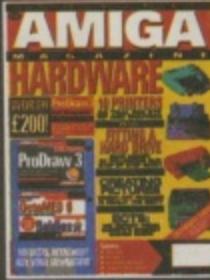
ON THE DISKS: Modeler 3D full program and Easy Ledger, Valhalla before the war demo.
FEATURE: Hook up to your hi-fi & video.
INSIDE: CD-ROM reviews, hardware bonanza, Blizzard accelerator plus modem, genlock and graphics card reviews.

April 1995



ON THE DISKS: MovieSetter, clip art and Fifa International Soccer demo. PLUS free MovieSetter manual.
FEATURE: Animation made easy.
INSIDE: Power CD-ROM, PD Special, Turbo Trax, Dawn Patrol, Super League Manager, Baldies preview.

May 1995



ON THE DISKS: ProDraw 3, OctaMED 6 and Baldies demos.
FEATURE: Ten printers reviewed, rated and recommended.
INSIDE: ECTS report, Brutal Preview, DPaint, Personal Paint, Photogenics and Brilliance compared.

June 1995



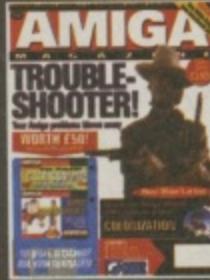
ON THE DISKS: Image FX 1.5 (all Amigas with 2Mb), USM demo.
FEATURE: Image processing explained using free cover disk.
INSIDE: RAM speed test, Blizzard 1230 III, Siren Apollo, Octamed 6 reviewed, Primal Rage, Sensible Golf previewed.

July 1995



ON THE DISKS: Adorage 2.0, Power-base v3.4, Arcade Snooker - full game.
FEATURE: Step by step guide to the Net.
INSIDE: First report on Eocom, LightWave 4 previewed, Cinema 4D, Scala MM400, Virocop and TM2 reviewed.

August 1995



ON THE DISKS: Clarissa 2.0 and demo of Cammy Vs Honda in SSF II.
FEATURE: Trouble shooting on your Amiga
INSIDE: DPaint 5 review, the new A400/060 with CyberVision graphics, Games: Colonization, Sensible Golf, Time Keepers, PM 2.

September 1995



ON THE DISKS: OctaMED 5.04, Speris Legacy, Time Keepers.
FEATURE: Sex and computers: an indepth look at what there is and what people think about it.
INSIDE: Alien Breed 3D, Gloom, SSFII, Brutal, ViroCop A500, Base Jumpers CD32.

October 1995



ON THE DISKS: PageStream 2.2, Fears and Citadel demo.
FEATURES: Using your PageStream cover disk for DTP, Storage: HDs floppies and CD-ROMs.
INSIDE: Odyssey, Real 3D v3, PageStream 3.0 and a multimedia station reviewed.

November 1995



ON THE DISKS: AudioMaster IV full program, Virtual Karting demo, CD-ROM edition, Aminet 7 and more.
FEATURES: CD-ROM definitive guide to drives and disks.
INSIDE: Cinema 4D, Mac Emulation, Final Writer 4, Pinball Mania.

December 1995



ON THE DISKS: Worms demo, Amiga E full program plus free Amiga E manual.
FEATURES: Programming, Amiga music.
INSIDE: Leading Lap, Worms, Flight of the Amazon Queen, Coala, FinalCalc and Amiga M1438S Monitor.

January 1996



ON THE DISKS: Imagine 3.0 full program, ZeeWolf 2 & Algomusic.
FEATURES: 3D rendering using our cover disk.
INSIDE: MiconiK Tower, World Construction Set, Amilink, ZeeWolf 2, SWOS 95/96, Super Tennis Champions and much more.

February 1996



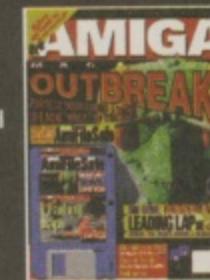
ON THE DISKS: TextureStudio plus Imagine objects, DVerb, Mandel 92, Bluff Titler, Amiga E source code, Xtreme Racing.
FEATURES: Serial linking, portable Amiga prototypes and the first Net Wedding.
INSIDE: DiskMagic, HiSoft CD-ROM, Virtual i glasses.

March 1996



ON THE DISKS: VideoStage Pro, Imgauge & XFD, Gloom Deluxe and 10 Worms levels.
FEATURES: VideoStage and The future of Games.
INSIDE: O60 for A1200, Wordworth 5, Blitz Basic, Super Street Fighter II Turbo, Super Skidmarks data disk.

April 1996



ON THE DISKS: AmiFileSafe, Leading Lap SE - 5 level full game. CD-ROM edition available.
FEATURES: Virus Protection and Wallace & Gromit in the right computer.
INSIDE: SX 32, H10 Station, The Chaos engine previewed, ZeeWolf 2 tips, and more...

Priority Order form

Description	Quantity	Price
Total price		

Method of payment

Visa Amex Access Diners Club card Cheque (£ Sterling)

Card no. Expiry date.

Signature. Date.

Please make cheques payable to EMAP Images Ltd.

Title. Initials. Surname.

Address. Postcode.

Daytime telephone number.

Complete this form and send it with your payment to: CU Amiga Magazine Back Issues, Tower Publishing, Tower House, Sovereign Park, Lathill St, Market Harborough, Leics LE16 1EF. Tel: 01858 468888.

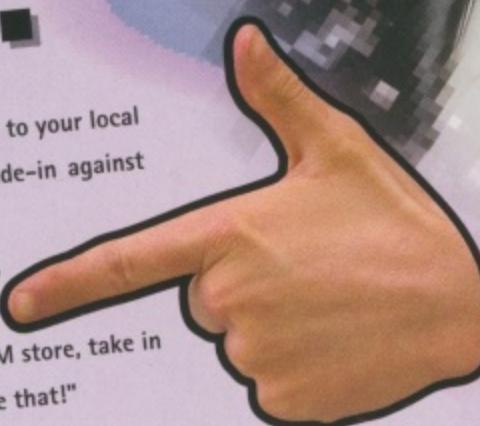
*Rates: UK: £5.99 Europe and rest of world: £6.50. Except for November 1995 CD-ROM edition: UK £6.99 Europe and rest of world: £7.50. All prices include postage and packing. Disks are included with all orders.

Please allow 28 days for fulfilment upon receipt of request. Back issues subject to availability.

THE MAN FROM ESCOM EXPLAINS...

"How to get an A1200 for only £249!"

"If you'd like to upgrade to the amazing power of an Amiga 1200, call in to your local ESCOM store today. Because while stocks last, we're giving £150 trade-in against your old Amiga A500 or A600* for the Amiga A1200 'Magic Pack.' Now you can enjoy the incredible power of this 32-bit wonder machine, bundled with 9 stunning software titles, for just £249. To find out more, simply call the number below for your nearest ESCOM store, take in your old system and trade it for your brand new 'Magic Pack' - just like that!"



"Now that's magic!"



Amiga Magic Pack

- 1 x Amiga A1200
- 1 x Two Button Mouse
- 1 x Power Supply
- Workbench
- Kickstart 3.1
- 3 User Manuals.

SOFTWARE BUNDLE INCLUDES

- Digma Wordsworth 4SE
- Wordsworth Print Manager
- Digma Organiser
- Digma Datastore
- Photogenics 1.2SE
- Personal Paint 6.4
- Turbocalc 3.5
- Whizz
- Pinball Mania

NORMAL PRICE **£399.00**
inc.VAT

WITH TRADE IN:

£249.00
inc.VAT

* Amiga A500 or A600 Computers must be in full working order.



OVER 200 STORES NATIONWIDE
FOR DETAILS OF YOUR NEAREST STORE PHONE

0990 100888

BUSINESS USERS BUY DIRECT ON 0990 555888



EXPERT
FRIENDLY
ADVICE



TAKE IT
AWAY OR
WE CAN
DELIVER



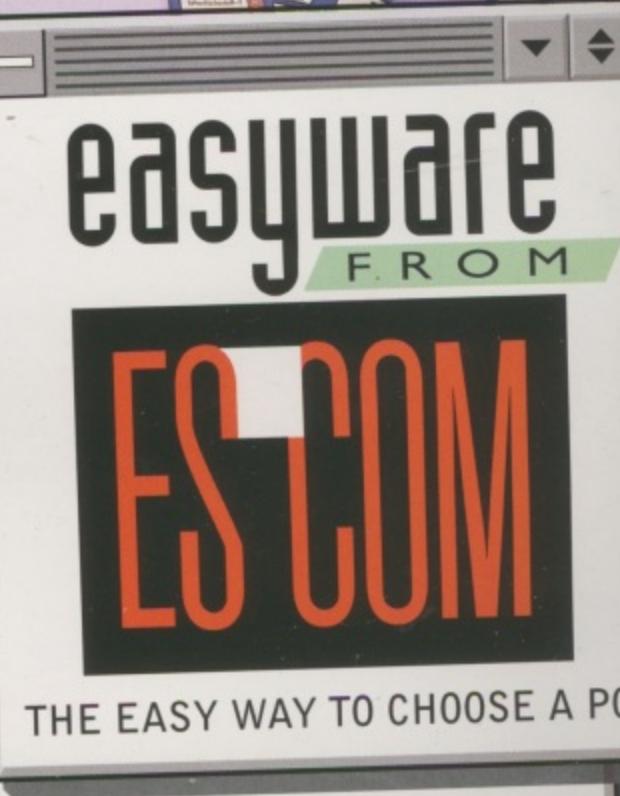
ALL PRODUCTS
CARRY FULL
WARRANTY



TRY ANY
SYSTEM
BEFORE
YOU BUY



LATE NIGHT
OPENING
THURSDAY



THE EASY WAY TO CHOOSE A PC

ESCOM UK LIMITED, 3 RIVERSIDE WAY, RIVERSIDE BUSINESS PARK, IRVINE KA11 5DJ. TELEPHONE: 01294 222600 FAX: 01294 223200. Registered in Scotland Reg. No. 137446. Windows 95 or OS 2 Warp is pre-loaded on systems. Other applications supplied on CD. Manuals are available for an additional charge. Prices valid from 22nd February 1996. The Intel Inside® logo and Pentium® Processor logo are registered trademarks of Intel Corporation. Prices and details are correct at time of going to press. Offers are subject to availability and specification changes without notice. Extended warranties and credit facilities available subject to status on selected systems only. All ESCOM systems come with 12 months' warranty. Written quotations available from First Retail Finance Ltd, PO Box 207, Claypit Lane, Leeds LS1 8DG. E&OE. All products may not be available in all stores.



BREATLESS

CATCH YOUR BREATH. IT MAY BE YOUR LAST...



FREE DELIVERY
£24.99

"Breathless has boldly taken the Amiga where no Amiga has gone before." **AMIGA FORMAT MAGAZINE**

"At the moment there's nothing like it. This game plays as well as it looks" **92% CU AMIGA MAGAZINE**



ORDER HOTLINE
01234 273000



PLEASE RUSH ME A COPY OF 'BREATLESS'

NAME
ADDRESS

TEL NO.
I ENCLOSE A CHEQUE/PO FOR £
POSTCARD
PLEASE MAKE CHEQUES PAYABLE TO POWER COMPUTING LTD

256 AGA COLOURS • 3D RAYTRACED GRAPHICS • 360° FIRST PERSON PERSPECTIVE
20 AWESOME LEVELS • MULTIPLE WEAPONS SYSTEMS • REALISTIC LIGHTING EFFECTS
ATMOSPHERIC SOUND & MUSIC • HD INSTALLABLE • AVAILABLE FOR THE A1200/4000

POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW