

4th
OFFICIAL
ACORNUSER
Exhibition

Barbican Centre, Golden Lane, EC2 24-27th July, 1986.

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Complete With Internal	
Software	£454.25
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Eprom Cartridge	£14.95
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Reference Manual Part 2	£14.95
6502 Second Processor	£179.00
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100in Cable	£89.00
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User Friendly Disk Drives
User Friendly Disk Drives
100% BBC compatible stimline disc
drives. All drives are supplied
complete with formatting diskette, all necessary cable

All drives are 40/80 Track switchable at the front and have two years warranty. 51/4" Drives without P.S.U. MD 400A Single 400K

Double Sided MD 802C Dual 400K 514" Drives with P.S.U.

MD 400B Single 400K Double Sided MD 802E Dual 400K £249.00

MD 802D Dual 400K Drive horizontally mounted in a monitor stand to fit both the BBC B and the

BBC Upgrades

£39.95
£49.94
£29.95
£89.00
£49.00
£49.00

Monitors

MONOCHROME	MONITORS
Phillips BM 7502 G. een Screen	£79.00
Phillips BM 7522 Amber Screen	£95.00
Kaga KX 1202G Hi Res Green	£120.00
Kaga KX 1203G	6120.00

Hantarex H x 12 Dark Gloss Scribigh resolution monochrome monitor 12" Composite Video

COLOUR MONITORS

Microvitec 1431 Std Res Microvitec 1451 Med Res Microvitec 1451 Med Res Microvitec 1441 Hi Res Microvitec 2030 Cs 20 2391.00 Std Res €425.50 Microvitec 1431 AP

Std Res £224 25 Microvitec 1451 AP £293.25

Phillips CM 8501 STD Re Monitor with gray glass Sc RGB and Audio input Phillips CM 8533 Med Res monitor with dark glass etched screen composite video input RG8 and Audio Input. £289.00

OUTSTANDING PERFORMANCE OUTSTANDING VALUE Just released by Hentarex 14" Colour Monitor Std Resolution RGB PAL Audio Input

SPECIAL OFFER Mitsubushi 1404 Medium Resolution Monitor with 640 X 200 Pixels RGB available with IBM or

Taxan Super Vision III This display is designed for business use which provides both high-res monochrome (Green, Amber, and White reverse) mode nd high-res Colour graphic mode

Phillips 1114 colour TV/monitor with 14" tube offering 10 Preselect channels RF CVBS and RGB

TCL Special Package

The TCL All in One Word Ine LL All in One Word
Processing Package contains a
Master 128, View 3.0, Viewsheet,
High Res Green Monitor, 900K
Dual Drives with PSU, Quendata
Deisy Wheel Printer together with
a box of Discs, Paper, and all the
Cebles. 2914.25

CITIZEN 120 D

This new citizen 1200 with 120 CPS and 25 CPS NLQ comes with tractor and friction feed as standard. IBM and Epson Competible with TWO years

STAR NL-10 Fine Near-Letter-Quality, 100% compatibility and total reliability

compatibility and total reliability and total reliability and say to use printer. For quality, ease of operation and dependability, nothing beats the Star NL-10. You get outstanding print quality at 120 pp in draft mode and 30 cps in offers full compatibility with most popular compatibility with most for your IBM-PC. Commodors, Applie Ibc. NL-10 is ready to print. Touch a button on the control panel to set the print pitch of the pitch of th

BROTHER M1100 NLQ Printer 100cps Directional Logic Seeking Friction feed and secondery optional tractor

KAGA KP810

The 80 column printer with 140 CPS Draft and NLQ with friction and tractor feed offering 9 INT character sets. Long life cartridge ribbon and standard centronics interface. £
Also available KAGA KP 910

(wide carriage printer)

FPSON LX80

With 100 CPS draft and 16 CPS NLQ and optional tractor adaptor and sheet feeder. This printer has a standard parallel connection and accepts all other Epson serial Parellel boards with external dip switches for easy access and internal IK buffer. It offers a high specification at a low price.

EPSON LOSOO

24 Pin Dot Matrix Printer offers a high 200 CPS draft speed and near letter quality et 67 CPS with high resolution graphics and a variety

ALSO AVAILABLE

Seikosha GP 50A (Perallel) £69.00 Seikosha GP 50S inc. Printer VF + cables Canon PW 1080A (NLQ) Canon PW 1156A £69.00 £69.00 £249.00 £379.00 £228.00 £189.00 £240.00 Brother EP 44 Shinwe CP 80A MP 165

DAISYWHEEL PRINTERS QUENDATA DWP 1120

with optional tractor/sheet feeder and 13" paper width facility.
This Daisywheel printer with 20
CPS has 96 character printwheel compatible with the QUME. Standard centronics interface (optional RS232 C) £10 Brother HR 15 Juki 6100

£349.00 £349.00 £285.00 £275.00 Juki 2200 Juki 6300 COLOUR PRINTERS

Capon P.H080A TRACTOR ADAPTERS

£33.00 Juki 6100 Juki 6300

£33.00 £23.00 £129.00 £129.00 £114.00 £95.00 £43.00 Quendata DWP 1120 SHEET FEEDER £173 00

Juki 6100 Juki 6300 £173.00 £165.00 **DWP 1120** £212.00

RIBBONS Full selection of Ribbons available. Call for letest prices & availability.

Accessories EPROMS RAMS JOYSTICKS DISC STORAGE INTERFACES LISTING PAPER PRINTER LABELS

BBC Firmware

FIRMVIEW COMCONCEPT BEEBUG CLAIRES ALTR GEMINI LBO PACE VII

DISC UTILITIES **GAMES DISKS**

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AND LOTS MORE

Printers

DOT MATRIX PRINTERS
SPECIAL OFFER
Juki 5510 - Gives you 180 CPS &
NLQ Standards
£179.00 Inc. VAT
...and thats not all! The Juki 5510

also has full graphics mode, two position 'dip-switch' (providing instant compatibility with both the Epson and the IBM Graphic Printer) Standard 2K memory (expandable to 14K) built-in Parallel (expandable to 14K) building (expandable to 1

CITIZEN MISPIO
The new citizen MSPIO with 160
CPS Draft and 40 CPS NLQ. With
TWO years Warranty 2280.00







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Twillstar Computers Limited

Apex House, Blandford Road Norwood Green, Southall, Middx. UB2 4HD

List of Exhibitors

A & B COMPUTING
I, Golden Square, London WIR 3AB. Tel: 01-437-0626

STAND NO. 22A

A & B Computing provides comprehensive coverage of Acorn's BBC Micro Electron and peripheral equipment. Its writers pull no punches and have earned the respect of readers and industry alike.

Particular importance is given to the role of the BBC Micro in education. Guidance is offered on how best to introduce computer based resources into the curriculum. Hardware is thoroughly tested and likely software/hardware combinations put on test.

Our own sought after software includes ICON drawing program. Adventure generator, global view series, utilities and fast, playable games. From the broad scope of the Master 512 in business, through robots and buggies on a classroom floor, to arcade aces such as Citadel and Double Phantom. A & B can be guaranteed to carry full and colourful coverage.

ACORN COMPUTERS LTD.

Cambridge Technopark, 645, Newmarket Road, Cambridge CB5 8PD.

Tel: 0223-214411

Acorn Computers were responsible for the design and development of the original BBC Microcomputer and have to date sold nearly one million microcomputers worldwide. Seventy five per cent of British schools, further education and agricultural colleges now use the BBC Microcomputer as well as a growing number of small businesses and dedicated users in many other areas, such as health and scientific establishments. In addition to manufacturing the BBC Microcomputer, Acornsoft produce a large range of educational and business software.

ACORN USER 141-143, Drury Lane, London WC2. Tel: 01-836-2441 STAND NO.24

Acorn User magazine's stand has something to appeal to everyone. Our editorial team and your favourite authors are on hand to meet you and answer all your questions. We are also joined this year by James McHugh who will answer any questions on the Acorn User Bibliography disc's, a new product being offered by Acorn User magazine. We have also prepared several new software packages, including the Gallery disc, especially for the show, and welcome you to come and see them in action.

ADVANCED COMPUTER PRODUCTS LTD STAND NO. 26 6, Ava House, High Street, Chobam , Surrey GU24 BLZ. Tel: 0276-76545

ADVANCED MEMORY SYSTEMS LTD

166-170, Wilderspool Causeway, Warrington, Cheshire WA4 6JA

TEl: 0925-413501/2/3

AMS will be offering the AMX Mouse and Super Art at £79.95. Also the AMX Pagemaker, AMX Utilities, AMX 3D Zicon, AMX Database, AMX Exam and AMX Paintpot will all be available for demonstration and purchase.

AKHTER COMPUTER GROUP
Akhter House, Perry Road, Harlow, Essex CM18 7PN. Tel: 0279-443521

Akhter has been in existence for over 6 years during which time it has grown into one of the largest distributors of Acorn product and manufacturers of approved Acorn peripherals. We produce the famous U.F.D. range of disc drives complete with "Akhters Gold Standard"

which gives a two year warranty with every drive, plus the unique facility of being able to switch the drives from the front. Also to be launched at this show will be our new range of hard disc products which include 10 and 20 M/byte hard disc with a $5\frac{1}{4}$ D/S disc drive incorporated in a monitor stand and the top of the range nucleus includes a tape streamer.

ALDODA INTERNATIONAL LTD. 199/205, Haverstock Hill, Hampstead, London NW3 4QG. Tel: STAND NO. 28

Aldoda International will be demonstrating and selling its highly successful range of communications and videotext software.

"T" A full function emulator for Teletel (The French videotext system - over 1.5 million users and 2000 services (many free!)

"D" very smart ASCII/Viewdata communications software includes intelligent autologon, auto read/send mail, automoatic retrieval of user-defined pages and an extremely powerful communications programming language.

FRED Viewdate frame editor with Mouse or GRAFPAD graphics creation, alphagraphic founts (triple or quad height) import text etc. Can create FILES IN COMMUNITEL, ROTAVIEW or poseidon format.

IKS Local viewdata system, with facility for auto-updating from remote system.

AUDIOGENIC SOFTWARE LTD

12, Chiltern Enterprise Centre, Station Road, Theale, Berks RG7 4AA.

Tel: 0734-303663

Audiogenic Software Ltd., will be featuring Swift, a ROM based Spreadsheet program for the BBC Computer. Already the leading Spreadsheet for the Commodore micros, Swift incorporates a number of innovative features, such as the pop-up menu control system, which makes the program easy to operate; split screen facility; and a vast range of user-definable cell formatting options. At a retail price of only £29.95 Swift opens up new worlds of financial planning for the small business, home or society. On the games front, ASL will be showing a vast range of programs for the BBC and Electron, including the acclaimed Bugeyes 2, and a brand new arcade hit, Psycastria.

Selected items from ASL's BBC and Electron range will be on sale.

Watch out for show offers!

BBC ENTERPRISES LTD.

35, Marylebone High Street, London WlM 4AA. Tel: 01-927-4518

We will be showing our wide range of educational and general software including our new French and German language software. Also available is our monitor ROM with special facilities on the Master 128. For bargain hunters we have a range of items at discounts of up to 75%.

BEEBUG PUBLICATIONS LTD.

Dolphin Place, Holywell Hill, St. Albans, Herts AL1 1EX. Tel: 0727-40303

BEEBUG is the Independent National User Group for all users of the BBC

Micro and Master Series. Membership of BEEBUG carries with it many benefits and opportunities including a regular magazine and substantial discounts on BEEBUG's own range of professional software, all backed by BEEBUG's technical support.

The BEEBUG stand at the Acorn User Show can provide full details of BEEBUG membership, including back issues of the BEEBUG magazine, and magazine programs on cassette and disc. The complete range of BEEBUGOFT products will also be in stock together with many other software and hardware items at keen prices including the new BABT approved BEEBUG Magic Modem. Visit the BEEBUG stand, talk to our staff, and find out how BEEBUG can help you.

BOWTHORPE EMP LTD STAND NO. 12A

Stevenson Road, Brighton, E.Sussex BN2 2DF Tel: 0273-692591

Bowthorpe's 'Clean Power Concept' range of products will include their 13 amp spike protector plug, the 250 standby power supply, uninterruptible power supply, 4-way fully protected socket strips, UK spike protected adaptor, single and three phase surge protection link boxes, their UL approved American style button spike protector plug together with the Ausralian and European versions and the sensor automatic monitoring device.

STAND NO. 71 BUCON LTD

33/36 Singleton Street, Swansea, SAl 3QN. Tel: 0792-467980

C/WP COMPUTERS LTD. STAND NO. 64

Willow House, Willow Place London SWIP 1JH. Tel: 01-828-9000

C/WP Computers will be selling a range of accessories including disks, disk boxes, disk cleaning kit, dust covers, extension cables, PC stand screen filters, tilt swivel arms etc. Information will also be available on the latest C/WP Cortex range of IBM compatible computers.

CAMBRIDGE ELECTRONIC DESIGN STAND NO. 2 Science Park, Milton Road, Cambridge CB4 4FE. Tel: 0223-316186

The company will demonstrate the CED 1401 'intelligent laboratory interface' for the BBC B, B+ and Master.

The interface incorporates its own processor and 64 Kilobytes of memory. It has 16 twelve bit analogue input channels (maximum rates over 67 KHz) 4 analogue outputs, digital input/output, five clocks accurate to one microsecond, and a calender clock..

Comprehensive data acquisition and analysis software includes FFT and nerve spike capture and analysis.

CARE ELECTRONICS STAND NO. 1 Unit 14, Peerglow Ind. Estate, Olds Approach, Watford, Herts WD1 8SR Tel: 0923-777155.

Providing a comprehensive range of printer switching units, including a 2-1 'T' and 6-1 switcher specially designed for schools and colleges a buffered CPX2 'X' switcher. Other switchers available; 1) User Port 2) RS423 'T' , 3) RS232C 'T' & 'X'.

The LOW PROFILE ROM CARTRDIGE SYSTEM, the Best design and Best

value of all the Rom cartridge systems. OUR NEW MASTER ROM ADAPTOR being launched at the show, will accept all makes of ROM Cartridges.

OTHER PRODUCTS. 1) Dual Power Supplies. 2) R.G.B. Conversion Kits. 3) Monitors & TV/Monitors. 4) 55 Types of Leads. 5) MORLEY Electronics products.

CDS/BLUE RIBBON SOFTWARE LTD STAND NO 61 Silver House, Silver Street, Doncaster, S Yorks DN1 1HL. Tel: 0302-21134

The CDS/Blue Ribbon stand will be packed full of software bargains for both Acorn machines.

CDS will be showing their best selling Steve Davis snooker along with Birdie Barrage; a superb golf simulation.

Blue Ribbon will be showing their full range of budget software dedicated to the BBC and Electron as well as their selection of games disks (Electron disks as well)!

All this and much more so don't miss out on your chance of a bargain.

CENTEC ELECTRONIC SYSTEMS LTD STAND NO 57 47, Spur Road, Orpington, Kent BR6 OQT. Tel: 0689 35353

IN THE MARKET?

We at Microworld believe that our price to end user and education cannot be beaten and accordingly we give you our

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Computer Group

PARK HOUSE IN BATTERS PARK ROAD

VOUCHER

ON EVERY PURCHASE OFFER OVER £100

£ OFF

ON STAND 14 AND 15

3. Merlin Way, Covingham, Swindon Wilts SN3 5AN. Tel: 0793-615026

Chalice Software are a company producing a range of utility software and hardware for the BBC series of Micro's. The software available includes sophisticated "tape to disk" and "disk to disk" utilities, Mega Rom a 16K eprom with 67 commands of use to all BBC owners and recently described by Micro user as " a recommended buy". These and many other software and firmware products will be available from our stand at fantastic offer prices. A brand new release for the show will be an eprom programmer offering many unique features.

CJE MICROS STAND NO. 68

78, Brighton Road, Worthing, W.Sussex. Tel: 0903-213900

In addition to the usual range of qaulity printers C.J.E.Micro's will be launching two software programs Inform and Multi-Font NLQ. Inform is a powerful sideways RAM based information system. Multi-Font NLQ allows Epson compatible printers to print in near letter quality in designed or chosen fonts. C.J.E.Micro's popular Fontaid for Canon and Kaga printers will also be available.

COMMOTION/LOGOTRON
214, Green Street, ENFIELD, Middx EN3 7SJ. Tel: 804-1378

Logotron is the UK's major supplier of the Logo Language. Apart from sprites and music, logos latest extentions include control systems. Control logo will be demonstrated working with the new lost cost robot arm from Spetra Video and the Nestec Buggy. In addition Logotron's highly acclaimed word processing environment Pendown, will be on show. Commotion has established itself as a leading supplier of robotic devices and control systems based around their micro. Already offering a comprehensive range of equipment for the home user and for education, Commotion will be demonstrating the latest additions to its popular Beasty system (with sensor pack) and the new Scorpion controller. This is the one stand you cannot afford to miss.

COMPUTER CONCEPTS

Gaddesden Place, Hemel Hempstead, Herts HP2 6EX. Tel: 0442-63933

COMPUTER MANUALS LTD.

30, Lincoln Road, Olton, Birmingham B27 6PA. Tel: 021-707-7544

Computer Manuals Ltd will have the full range of support books for the BBC B, BBC B+, BBC Master and Electron COmputers.

Artificial Intelligence in LISP or Taking Your First Steps in BASIC there is something for everybody on the Computer Manuals stand.

New is "Within The BBC Computer" by Roger Cullis, get over and make sure you have not missed anything about the inside of your BBC.

Also new is "BBC Master 128 - High Flyers" by Gordan & McLean.

We also keep a good stock of manuals for the Acorn Computers.

Don't miss the damaged book stand where if you get there soon enough you may pick up a bargain or two.

CTS RECOGNITION/CADSOFT STAND NO. 40 West Road, Fishersgate, Brighton BN4 1QH Tel: 0273-420897

CTS Recognition will be snowing the ARTIST PLUS small addon, which consists of a graphics tablet, colour card and EPROM software for the BBC. The PLUS is a colour card allowing the selection 8 from 4096 shades by changing the RED-BLUE-GREEN information.

CADSOFT Graphics Station; a competitively priced broadcast quality graphics computer, displaying 16 colours from 4096 at a resolution of 832 x 575 pixels. It is Master 128 compatible and features a dedicated 1 megabyte graphics processor, integral system monitor, twin 3.5" drives, professional graphics tablet and sophisticated paint software.

STAND NO. 69

29, Dagmar Road, Kingston, Surrey KT2 6DP Tel: 541-1144

Visit DDS UK on stand Number 69 for the best prices of computer supplies. Whether you want Bulk or Branded discs - ribbons or disc boxes - we are the people to give you a deal that you cannot refuse. Our staff will be there waiting to see you - don't delay - see you in a few minutes.

DISKING

STAND NO. 65

Liphook, Hants GU30 7EJ Tel: 0428-722563

Banana diskettes will work on s/sided 40 track disc drives.
Banana diskettes will work on D/sided 40 track disk drives.
Banana diskettes will work on s/sided 80 track disk drives
Banana diskettes will work on D/sided 80 track disk drives.
Banana diskettes can even be reversed around so that you can use both sides in a single disk drive.
Banana disks work always.

ECONOMATICS (EDUCATION) LTD

STAND NO. 12

Epic House, 9, Orgreave Road, Sheffield, S.Yorks Sl3 9LQ. Tel: 0742-690801

101: 0742-090001

Things that run from the Acorn are the speciality of Economatics (Education) Limited,manufacturers of the BBC Buggy and UK distributors of Fischertechnik Products. The BBC buggy which has found its way into 70% of UK schools is a fully fledged mobile robot ideal for exploring 'Artificial Intelligence' Fischertechnik is a precision construction system which can be used for engineering modelling or in education. The Fischertechnik interface allows you to control all Fischertechnik models using an Acorn/BBC computer. Three Fischertechnik computing kits will be displayed and together they demonstrate current methods of control via a computer using DC motors, stepper motors, switches, potentiometers and digital pulse positioning.

ENCYCLOPAEDIA BRITANNICA INTL LTD

STAND NO. 56

1st Floor, 100, Chalk Farm Road, London NWl 8EH. Tel: 01-482-2255

The new Encyclopaedia Britannica 1985: The World's greatest encyclopaedia has been made even more accessible, easier to understand. Its reference 'power has been doubled by a 2-volume index, and purchasers receive their first Britannica world data annual as a free gift. Britannica makes you think. Unlike other encylcopaedias, it challenges you with its virtually unlimited depth and scope. And for an adult who believes in continuing education, its a constant source of inspiration and encouragement. To answer all your queries you are invited to visit our stand number 56.

F SOFT COMPUTING

TRESTLE TABLE

P.O.Box 352, Brighton, E.Sussex BN1 3AY. Tel: 0273-736042

Music Maker - Complete sound synthesiser for the BBC micro and Master series. "Music Maker is on the crest of a new wave of increasingly powerful and well-designed packages which don't cost the earth" - The Micro User magazine. FMON - machine code monitor for BBC and Electron. Master version now available. Don't miss FSoft!

FERNLEAF EDUCATIONAL SOFTWARE

STAND NO. 52

Fernleaf House, 31, Old Road West, Gravesend, Kent DAll OLH TEl: 0474-359037

Exhibiting for the first time, Fernleaf will be showing their FAMILY SOFTWARE SELECTION of programs for children aged 6-12 years. Learning is much more fun when problems are shared with family and

friends. The understanding of a problem and working out a solution needs many basic skills. Out FAMILY PROGRAMS have been chosen for the challenges they present and the skills they develop.

Titles include: The Raiders, Fletcher's Castle, To School Carefully, The Perfume Hunter, Money Target, Ferry Captain, Deliver the Message, Island Yacht Race, Treasure, and many more. All programs compatible with BBC Model B/B+ Master 128

GEMINI MARKETTING LTD STAND NO. 34 Unit 21, Dinan Way Trading Estate, Exmouth, Devon EX8 4RS. Tel: 0395-265165

A newspaper for computer users hot off the press; our aim was to publish a wide range of information about the serious applications for Acorn computers. So read about the exciting range of software and hardware available from GEMINI. There are features about INTERGEM and DATAGEM, GEMINI's new blockbusters for the Amstrad PCW 8256 too. As well as that there's all the news and comment you need to know about the rapidly changing world of Acorn Computers. Of course you can be sure of first class service from GEMINI as we are an AUTHORISED Acorn dealer.

Make the most of the show and visit the GEMINI stand first.

GLENTOP PUBLISHERS LTD
Standfast House, Bath Place, Barnet Herts EN5 5XE. Tel: STAND NO. 63

Glentop will be exhibiting their range of educational software and books for the BBC and Electron micros. They will be launching the third package - Differential Equations - in their Graphic Calculus series. They will also be showing new Master versions of their existing products, such as the disc-based Honey Logo and the 3-D Graphics Development System.

GOTO COMPUTERS LTD

10, Old Crown, Windsor Road, Slough, Berks SLl 2DL. Tel: 0753-34191

GRAFSALES LTD.
Unit Q2, Penfold Works, Imperial Way, Watford, Herts WD2 4YY
Tel: 0923-48222

Once again Grafsales have advanced their popular Grafpad for the BBC "B" machine and Master 128.

On show will be the new single-finger operated pen and some excellent new software.

Crammed full with new features it is the finest device available for $\ensuremath{\mathsf{BBC}}$ Graphics.

GRIFFEN COMPUTERS STAND NO.18
Castle Walk, Lower Street, Stansted, Essex. Tel: 0279-812295

GRIFFEN COMPUTERS have now expanded from their original software base to incorporate hardware as well, supporting the full range of BBC Micros including the new MASTER SERIES. We will have on display a complete range of hardware including micros, monitors etc. with some special deals on printers. As for the software we will be demonstrating the latest titles from ACORNSOFT, COMPUTER CONCEPTS & BEEBUG and on our stand will be a representative from CLARES MICRO SUPPLIES with all their latest titles. Why not come and see why more and more people are choosing GRIFFEN COMPUTERS.

GRIFFIN + GEORGE
Bishop Meadow Road, Loughborough, Leics LEll ORG Tel: STAND NO. 29
0509 233344

SATELLITES IN EDUCATION

Live pictures from weather satellites on your BBC Micro. Griffin + George introduce their new range of weather satellite

receiver systems for education.

The range starts at £295 for a BBC starter pack.

Also on display: Meteostat Receiver, High Resolution Frame Store, Uostat System.

Free colour brochure for teachers

Interfaces for science & technology.

HCR ELECTRONICS

£195.00 including VAT.

STAND NO. 22 HCR House, Bakers Lane, Ingatestone, Essex, CM4 OBZ. Tel: 0277-355407

TRESTLE TABLE 107, Old Shoreham Road, Shoreham upon Sea, W. Sussex. 0273-461200.

HS SOFTWARE STAND NO.58A

56, Hendrefoilan Ave., Sketty, Swansea SA2 7ND. Tel: 0792-204519

HSV COMPUTER SERVICES LTD STAND NO. 54 40-42, New Market Square, Basingstoke, Hants RG21 1HS. Tel: 0256-463507

On sale at the show will be our range of continuous stationery, including packs of self-adhesive labels 95" x 11" and A4 printer paper with microperfs. We also have a wide selection of high quality printer ribbons for most popular printers. New to our range of supplies are 3" and 5%" diskettes - both Storage Master and our own labelled brand are available with full guarantee. We have a variety of storage boxes for $3\frac{1}{2}$ " and $5\frac{1}{4}$ " diskettes. All products are at special show prices. STOP PRESS MT80+ dot matrix printer, with interface cable and paper

INCENTIVE SOFTWARE TRESTLE TABLE 54, London Street, Reading, Berks, RG1 4SQ. Tel: 0734-591678/500551

Incentive Software reveal the highly acclaimed Graphic Adventure Creator. Graphic adventures for the BBC are rare enough but here now is a graphic adventure generator! G.A.C. create professional stand alone graphic adventures.....AMAZING!

IRL PRESS STAND NO. 70A P.O.Box 1, Eynsham, Oxford, OX8 1JJ. Tel: 0865-882283

BIOSCIENCE SOFTWARE: menu-driven packages for teaching sixth form students and first-year undergraduates core areas in biology and bio-Each package uses animated graphics and step-by-step explanations to demonstrate complex processes and includes a section of revision questions.

Molecular Basis of Muscle Contraction pH/Titrations - Biologicala Equilibría Protein Structure and Enzyme Activity Photosynthesis - The Light Reaction The Genetic Code and Protein Synthesis Nucleic Acid Structure and Synthesis

PRACTICAL GENETICS: teaches the principles of genetic inheritance and their application to breeding experiments.

BACTERIAL IDENTIFICATION: experimental simulations giving a thorough grounding in bacterial systematics and saving laboratory time and costs.

J.B SOFTWARE TRESTLE TABLE P.O Box 247, Birmingham, Bll 3SD Tel: 021 236 1976

J.B. SOFTWARE is one of the leading suppliers of discounted software direct to the public. Our range covers all makes of popular home computers where adequate stocks are held at our Birmingham warehouse. The prices of our products range from £0.50 to below half price on new titles.

We publish an up-to-date price catalogue which is constantly renewed to maintain our competitive prices. The mail order department has a 24 hour answer service and all goods are promptly despatched.

There will be special offers at the exhibition and we look forward to meeting all of our old customers.

KANSAS CITY SYSTEMS
Unit 3, Sutton Springs Wood, Chesterfield, Derbys. Tel: 0246-850357

LCL EDUCATIONAL SOFTWARE

26, Avondale Avenue, Staines, Middx. Tel: 0784-58771

TRESTLE TABLE

Today LCL are launching their long-awaited new title MICRO FRENCH. It is the latest addition to their popular and acclaimed MICRO series of complete GCSE/O-Level courses for beginners (from 8 years), each including 24 programs with books and Speech tapes. MICRO FRENCH is an intense but fun course, ideal for students and holiday-makers. LCL are also showing their MICRO MATHS and MICRO ENGLISH courses, and MEGA MATHS (A-Level) course. All run on any BBC MICRO or ELECTRON and are at special show prices.

LINEAR GRAPHICS LTD STAND NO. 50 28, Purdeys Way, Rochford, Essex SS4 1NE. Tel: 0702-541664

Plotmate Graphics Plotters are compatible with all leading micros.

They run a wide range of Linear Graphics and third party software and have numerous functions and add on capabilities ideally suited to the requirements of the Education, Industry and Business environments.

Plotmate is compatible with ACORN, IBM, AMSTRAD, RML and other micros.

Linear Graphic's Software applications includes: PCB Design, DATA DISPLAY, MATHEMATICAL MODELLING, MAPPING and DIGITISING.

Third Party Software includes: LOTUS 1 2 3, SUPERCALC 3, AUTOCAD, ACORNSOFT & LOGOTRON LOGO, INTERCHART and many others.

Features include: Understands BBC Graphics Commands, Sweet P and Graphtec; Serial and Parallel Interfaces, Direct Drive Mode; GXR Commands including Sector & Segment Hatching.

LINSCAN - A high resolution optical scanner that fits onto all PLOTMATE models and, in conjunction with a BBC micro, allows scanning of photographs, diagrams, maps and display data.

PLOTMATE ROM - Enables interpretation of BBC graphics commands without necessity of writing additional software.

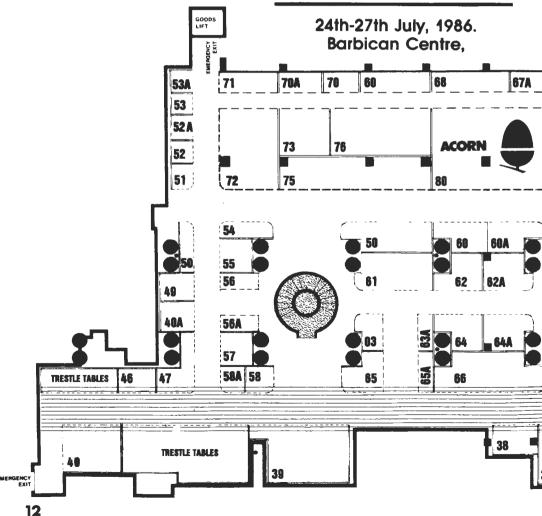
LOGIC SALES LTD

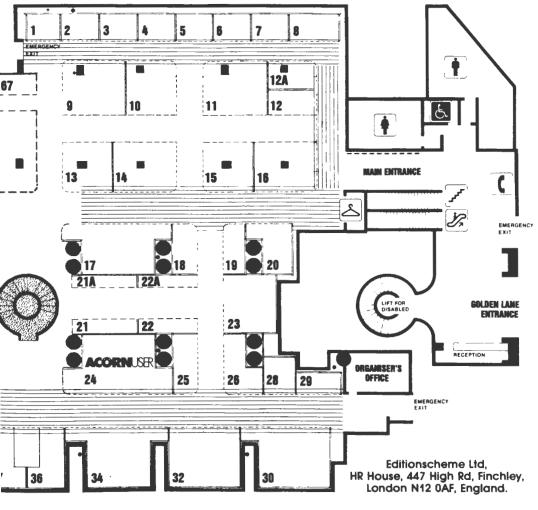
19, The Broadway, The Bourne, Southquite, London N14

LOGO SOFTWARE LTD STAND NO.51
316a, Richmond Road, Twickenham, Middx TWl 2PD. TEl: 891-0989

LSL is the fastest and most efficient LOGO ROM for the BBC Micro and Acorn Master series, outperforming its rivals on every benchmark test for speed and memory utilisation. The LSL LOGO package includes two toolkit discs with a unique range of utilities, applications, interfaces and demonstrations, establishing LOGO's status as a sophisticated high-level language. At the exhibition LSL will be unveiling TECHNICAL LOGO, the world leader in control software, interfacing BBC and Master micros with a wide range of electronic and mechanical devices through the medium of LOGO. LSL are offering a special 50% exhibition discount on their standard LOGO package.

4th OFFICIAL ACORNUSER Exhibition





MARTECH STAND NO. 7 4, Bay Terrace Pevensey Bay, E.Sussex BN24 6EE Tel: 0323-768456

MEEDMORE (DISTRIBUTION) LTD STAND NO.36 28, Farriers Way, Netherton, Liverpool L30 4XL, Tel: 051-521-2202

The Company will be showing the AMX compatible digimouse and the BITSTICK/AMX compatible ANAMOUSE. The Stack Lightpen will be featured alongside a variety of Joysticks, Floppy disks, Ribbons, Dustcovers, and Storage boxes.

It is hoped to have an Electron/Plus 1 version of the mouse available if software is ready.

The company's 50 page catalogue of computers and accessories

The company's 50 page catalogue of computers and accessories will be distributed free on the stand.

MICRO MEDIA
Rydal Mount, Baker Street, Potters Bar, Herts EN6 2BP. Tel: 0707-52698

MICRO MEDIA COMPUTER SUPPLIES are exhibiting their wide range of computer accessories and consumables. Micro Media, who are best known for their superb mail order service to personal computer users and educational establishments, also provide a fast and efficient service to large and small companies throughout the country. Micro Media hold an extensive range of products covering diskettes, data cartridges, storage boxes, listing paper, printer ribbons, daisywheels and accessories for immediate despatch. Computer users, both local and national, who demand competitive prices and prompt delivery should contact Micro Media for all their computer supply requirements.

MICRO-AID

25, Fore Street, Praze, Cambourne, Cornwall TR14 OJ%. Tel: 0209-831274

MICRO-AID was formed in 1978 to help people understand the use of micro's through 'aid'
Our latest program is REPEAT PRESCRIPTIONS for doctors at just £49.95 + VAT. Very popular is FAMILY TREE for Genealogists, good value at £19.95. Special offers include COMPILER, DATABASE,

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Visit the Microdeal Stand for some real Cut-price Software bargains. Don't miss our SPECIAL OFFERS, multi-pace and give-aways.

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Durrant House, 8 Herbal Hill, London ECl. Tel: 01-278-3143

Micronet will be issuing FREE MODEMS to new subscribers joining for 1 year. Come and see our award winning database ideal for both home and business applications. Browse through the many communications facilities for which Micronet is famous, discover Micronet's online magazine for BBC owners, the range of free and discounted telesoftware available to all our members, and the many services of Prestel. Visit Micronet's Softshop for the best software bargains.

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4, St. Andrew Square, Edinburgh EH2 2BD. Tel: 031-557-4196

Microworld are one of the top 100 U.K. suppliers of computer hardware and peripherals with a growing presence in Europe. We have vast experience of the educational market and can offer supply, installation, service, and advice on a wide range of computers and peripherals. Microworld are able to offer service second to none, with our own maintenance centre staffed by fully qualified engineers. Visit us at stand 14 and 15 to see the latest Acorn range at unbeatable prices.

MINERVA SYSTEMS

69, Sidwell Street, Exeter, Devon EX4 6PH. Tel: 0392-37756

Minerva Systems, business software specialists, will be unveiling several new applications for the System Delta Data Management System recently acclaimed by the press as a great innovation with total flexibility.

System Delta adds over 150 commands to BBC BASIC, allowing RELATIONAL programs to be written in a fraction of the normal time. Specialist packages include Video Rental, Hotelier, School Administrator, Estate Agent and Personal Accountant.

FREE with System Delta is a fast, versatile, programmable Database, reviewed as the simplest to use yet most powerful available. Also see Printers Angel, a fast, versatile NLQ font generator alllowing the design of new fonts or use of the fonts provided.

MINIATURE TOOL COMPANY 26, Queensbury Station Parade, Edgware, Middx HA8 5NR. Tel: 951-1183

MODEM HOUSE LTD STAND NO 23 70, Longbrook Street, Exeter, Devon EX4 6AP. Tel: 0392-213355

NORWICH COMPUTER SERVICES STAND NO. 4
31, Cattle Market Street, Norwich NRl 3DY Tel: 0603-621157

Wordwise Plus has earned its reputation as the most sucessful and versatile word processor for the BBC microcomputer. Paul Beverley's latest publication "The Complete Wordwise Plus Handbook" is being featured at this year's Show. Our software enginners will be demonstrating the latest in Wordwise Plus developments on ROM, disc and in print. Norwich Computer Services is dedicated to the support and development of Wordwise Plus.

NEWSIGHT STAND NO: 30 Reliance House, 340 Clapham Rd, London SW9 9AT. Tel: 01 627 3148/9

NEWSIGHT, under the direction of Doreen Davis, MA(RCA), leads the knitting industry with it's exciting new KNITWEAR design computer package and the Newsight Workstation, & quality YTS training in Art, Design & Technology. For adults there is a small business launch course — with Department of Trade & Industry, MSC & Lambeth Borough support. If you are a knitted textile business; home-based knitter, knit, print or graphics designer; student of Applied Arts & Crafts; or anyone interested in pattern design then Newsight's "Knitting Softwear" package is for you.

ONCE BYTTEN
31, Bowness Road, London SE6 2DG. Tel: 01-407-6833

OPUS SUPPLIES LTD

STAND NO. 66

55, Ormside Way, Holmethorpe Ind. Estate, Redhill, Surrey. Tel: 0737-65080.

Disc Drive bargains galore from Opus who predict that their prices will be the ones to beat at the show. Pride of place on Opus's stand goes to their best selling Challenger Disc Drive System — now in two versions. The plug—in Disc Drive and double density disc interface combination comes with a choice of 256K or 512K of RAM, offering up to 1.2 megabytes useable capacity. At the show you can save £20 — £50 on these superb all—in—one systems. Also our $5\frac{1}{4}$ " disc drive and double density disc interface packages start at under £100. Opus will even offer you their organiser

PACE MICRO TECHNOLOGY

STAND NO. 32

Juniper View, Allerton Road, Bradford, W, Yorks BD15 7AG

computer desk at a special price of £49.93.

Here now the only complete communications system for the Electron. The Pace Electron Communcations Package includes a stanard RS423 asynchronous serial interface which incorporates the combined viewdata and Ascii communications ROM Commstar. The interface is designed to fit nearly into a Plus 1 cartridge slot and is instantly available for use, simply connect it to a Nightingale modem and using a normal telephone line your Electron can talk to any number of other micro, mini or mainframe computers.

PARKSIDE DEVELOPMENTS LTD

TRESTLE TABLE

9, Ingleby Gardens, Chigwell, Essex IG7 6EH. Tel: 01-500-5701

PEAR TREE COMPUTERS

STAND NO.9

Falcon House, Huntingdon, Cambs. PE18 6SS. Tel: 0480-50595

PERMANENT MEMORY SYSTEMS

STAND NO.6

38, Mount Cameron Drive North, St. Leonards, East Kilbride G74 2ES Tel: 03552-32796

PMS are launching their exciting new sub-£100 6502 SECOND PROCESSORS for both the BBC and ELECTRON. These have 64K of additional RAM on-board and run languages and software written according to ACORN TUBE protocols. They give significant increases in usable RAM and speed. The speed increase on the £89 ELECTRON E2P-6502 is 300%, bringing BBC power to the 'Elk'.

Also being launched is a ROM based version of PMS MULTI-FONT NTQ, typesetting software. The quality of output from multi-FONT NTQ has to be seen to be believed.

See also our range of TRUE NON-VOLATILE, BATTERY-BACKED, SILICON DISKS and RAM Modules.

RAMS COMPUTERS

STAND NO. 62A

117, Queensway, Bletchley, Bucks. Tel: 0908-647744

REFLEX MAGNETICS

STAND NO. 13

Unit 2, 32, Lawn Road, London NW3. Tel: 722-9232

New to the diskette market and with a specialist story to tell are Reflex. They offer a variety of disk formats, densities and packaging. Their range of disk boxes, individualised labelling and sleeve printing add a touch of class to their quality disk media. Their floppies are manufactured in the U.S.A. to the highest specifications currently attainable with floppy disk media. They are raffling a magnum of champagne each day of the show - so make sure you pay them a visit!

17, Brodwick Road, London SW17 7DZ. Tel: 01-223-3457.

Rickett Educational Media specialise in educational software for the BBC and Electron computers and are major suppliers to both schools and home computer owners. Available on the stand will be copies of the Educational Software Directory — a listing of over 500 of the best software titles.

Selected items from our range will be on sale on our stand at attractive prices. If you do not have a chance to collect a copy of the

ROCKFORT PRODUCTS
81, Church Road, Hendon, London NW4 4DP Tel: 01-203-0191

Media, Ilton, Ilminster, Somerset TAl9 9HS, or phone 04605 5152

Educational Software Directory, write for a copy to Rickitt Educational

Rockfort Products are the main supplier of rockfort disk storage boxes. The company successfully introduced its range of disk storage boxes – for $5\frac{1}{4}$ " and $3\frac{1}{2}$ " diskettes – at the PCW show two years ago. Since then Rockfort labelled $5\frac{1}{4}$ " disks have been made available at extremely competitive prices. BBC Master 128K, Centronics/Brother printers, ribbons and printer cables are some of the products which will be on sale at the stand.

SHARDS SOFTWARE LTD.

189, Eton Road, Ilford, Essex IG1 2UQ. Tel: 514-4871

We will be offering many special deals on our adventure and educational software. Products of note are our highly acclaimed Woodbury End adventure at a special low price, Fun Academy, our comprehensive educational compendium, and newly released. The Adventurer, a disc compilation of our four best adventures.

<u>SL PERIPHERALS</u>
19B, Hammelton Road, Bromley, BR1 3PZ Tel: 01-466-1087

SL Peripherals are exhibiting some of their new range of high quality affordable products for both education and the home. For the hardware enthusiast there are Breadboard Interfaces, a Dual VIA Board, a 16 channel Data Acquisition Unit, a replacement for 4XY/t Recorders, a Power Supply giving six outlets identical to the BBC's and the cheapest EPROM Programmer around. For memory maniacs there's the 64K non-volatile RAM Disk & Buffer Unit and Sideways RAM with Read/Write 'switch on the keyboard facia. Games addicts can stun those 'ZAPS' with external volume control. Exhibition Offer on Soft-Key Label Books and Pads.

SLOGGER LTD. STAND NO.38 107, Richmond Road, Gillingham, Kent ME7 1LX Tel: 0634-52303

Can't get hold of a Plus-1? Well Slogger have done it again, producing an advanced ROMBOX. The ROMBOX PLUS gives you 2 Cartridge slots, 4 Rom sockets AND a Centronics printer port. The advanced TURBO-DRIVER for the Electron is available which speeds up your Electron to as fast as a BBC.

The NEW Rom Database, STARSTORE II is available which is only limited by Disk size along with the rom Disassembler *TREK, STARWORD, T2P3, T2CU, and many others all at unbeatable prices. Also available, DDOS REVEALED for the DDOS and CHALLENGER USER.

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68, Botley Road, Oxford OX2 OBU Tel: 0865-726803

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SOFTWARE PLUS STAND NO. 62

72, North Street, Romford, Essex RM1 10A TE1: 0708-65271

Software Plus, the leading retailer in the South East, will be selling software at unbelievable prices.

SOLIDISK TECHNOLOGY LTD.

STAND NO.72

17, Sweyne Avenue, Southend, Essex SS2 6J0 Tel: 0702-354674

STAR DEVICES LTD.

TRESTLE TABLE

Harman House, Andover Road, Winchester, Hants SO23 7BS Tel: 0962-63626

Publishers of Educational Software and Support materials for the Star Microterminals CONCEPT keyboard. This Environmentally tolerant input device has a wide range of applications in Special, Primary and Further Education establishments. Products displayed include "Rescue" a language and activity promoting adventure game. "Jumping Jack" an introduction to counting on and back and "Key to the Stars", the astronomy program with both concept and gwerty options. Star Devices Limited is the only Software House dedicated to producing Educational Software for the CONCEPT Keyboard. The CONCEPT Keyboard is available from AB European Marketing, Forest Farm Industrial Estate Whitchurch, Cardiff, CF4 7YS

SUPERIOR SOFTWARE LTD STAND NO. 64A Regent House, Skinner Lane, Leeds, LS7 lAX. Tel: Leeds 459453

SYSTEM STAND NO. 8
12, Collegiate Crescent, Sheffield S10 2BA. TEl: 0742-682321

SYSTEM Software, renowned for THE Music System and ROM utilities, are launching Peter Beater's Music Games for younger BBC users. 'Melody Rainbows' and 'Music Jigsaws' are attractive and colourful programs for 3 to 9 year olds designed to develop aural skills and to encourage interest and self-confidence in music. Teachers and discerning parents may also be interested in the new Early Maths programs; faces, Nasty Games and Grid Games. Each of these three packages include a variety of activities for introducing and developing mathematical skills and logical thinking.

Of course, the Music System will be on sale together with our compre-

hensive set of extra Song Libraries and Utilities disc. ADE, ASM and SPY2 will also be available.

TERRITORIAL ARMY

3, Coy 10(V) Bn The Parachute Regiment, 444, High Road, Finchley,

THINGI
176a, Conway Street, Birkenhead, Merseyside L41 3JB. Tel: 051-639-5210

London N12 OAE. Tel: 01-883-8363

TWILLSTAR COMPUTERS LTD. STAND NO. 11
Apex House, Blandford Road, Norwood Green, Southall, Middx UB2 4HD

TYNESOFT COMPUTER SOFTWARE
Addison Industrial Estate, Blaydon on Tyne, Tyne & Wear
TEl: 091-414-4611

Tynesoft has now established itself as a major supplier of good quality software for the Master, BBC B and Electron, with such titles as Winter Olympics, Mousetrap, Jet Set Willy, Ian Bothams Test Match, Rig Attack etc.

New titles to be released at the show include Commonwealth Games and Drag Racing with many more to follow in the Autumn.

VIGLEN STAND NO. 76

Unit 7, Trumpers Way, Hanwell, London W7 20H Tel: 01-843-9903

Viglen, specialist producers of disc drives for the BBC Micro and manufacturer of the best selling ROM Cartridge Kit will have on offer various top quality products at the lowest possible prices including disc drives, interfaces, printers, monitors, ROM Cartridge kits and numerous other related products. New products include the professional console unit for the BBC Master, ROM Cartridge Kit for the MASTER and winchester units for the whole BBC Micro range.

VINE MICROS STAND NO. 25

Marshborough, Sandwich, Kent CT13 OPG Tel: 0304-812276

VINE MICROS will again be demonstrating their outstanding "REPLAY" tape to disc utility. Versions to suit most of the popular DFS's will be on sale. They will also be showing the prototype REPLAY system developed for the Acorn 'Master', which is due for release soon. The capabilities of their latest product, the MATRIX ROM can be explored and demonstrated.

Also, a brand new utility for the BBC 'B' that will increase its power and ease of use will be on show, further details available at the Stand. Looking for a Toolkit ROM? The ADDCOMM ROM offers TOOLKIT and GRAPHICS facilities at a very reasonable cost.

Acorn MASTER users: - Write-protect switch for the RAM banks on sale at £8.95. We also hope to have our Master ROM board on show.

WALKBURY CONSULTANTS

1 Alfric Square, Maxwell Rd., Woodston, Peterborough Cambs PE2 OJH
Tel: 0733 235187

Walkbury manufacture the DEMON MODEM, the original low cost unit specifically designed for the BBC Model B. It has AUTODIAL, AUTOANSWER and handles both 1200/75 baud rate for Prestel etc and 300/300 for bulletin boards. It comes complete with mains plug, user guide and all leads to connect to the telephone and BBC Micro. The software is available on ROM. Walkbury manufacture and sell directly will full service backup.

WATFORD ELECTRONICS

Jessa House, 250, Lower High Street, Watford, Herts.

STAND NO. 75

Tel: 0923-40588

Discover what is happening in the BBC Micro World. See the products of the future at our stand NOW.

The WATFORD WINCHESTER, a fast, reliable and high capacity drive, uses Acorn ADFS for total compatibility.

The SILICON DISK, 512K and upwards gives amazing speed under control of our extended DFS.

Our EUREKA! card gives you 58K of memory in BASIC & VIEW - costs less and gives more memory than a second processor.

Come to our stand for the excellent range of Aries boards, now available through Watford.

TED, the only teletexteditor worth considering makes editing simple and straightforward.

Our VIEW PRINTER DRIVER ROM is the solution to the jungle of printer drives available - all in one ROM.

Continuous demonstrations of the popular Music 500 - by professionals. And to top this we have a host of SPECIAL OFFERS just for the show. Mr. Nazir Jessa (M.D.) is in attendance.

WE-SERVE STAND NO. 49A 128, West Street, Portchester, Hants PO16 9XE Tel: 0705-325354

WIGMORE HOUSE LTD.
32, Saville Row, London WIX 1AG Tel: 01-734-0173/8826

STAND NO. 67

Wigmore will be demonstrating the "Megamouse" with the Advanced "Cadmouse" software and the famous "Artist". Both hardware and software is AMX compatible. Electron users can benefit from the low cost Trackball with "Mousepaint" Graphics Package. Being launched at the exhibition is the new "Easicall" Auto Dialler allowing BBC and Master users to store personal and business telephone directories on disc, select them by database techniques, then let "Easicall" effect the actual dialling - quickly, simply, and automatically.

WILD VISION

STAND NO. 46

20-22, Jesmond Road, Newcastle upon Tyne NE2 4PQ. Tel: 091-2817861/2818481

Specialist Products for Image Processing and Computer Graphics.

- The HAWK V8 is a single card that enables you to capture and store video images in your BBC Micro at full video speed. The main advantage of this unit over other video digitisers is that images can be processed in real time. Applications include most types of image processing such as medical imaging, automation and control, video measurement, computer graphics and CAD.
- WILD VISION will also be showing, for the first time, a new card which greatly enhances the graphics capability of the BBC Micro in a unique way.

ZONE FOUR LTD/ GUY'S HOSPITAL

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