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# **BBC MICRO**





Thursday-Sunday
May 9-12, 1985
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- ROM-based spelling checker for Wordwise or View
- Watford 1.3 DFS 920 wpm Acorn 1.2 DFS + tube 1450 wpm
  - 6,000 word dictionary disc
- Dictionary increased with usage



Welcome to the latest in the series of Electron and BBC Micro User Shows – the leading showcase for all that's new on the Acorn scene.

None more so than this time when visitors will be treated to the first public showing of the long awaited Model B+, the machine the computer press have been speculating over for months.

As most people are aware, Acorn have had more than their fair share of problems this year. Thankfully, those are now behind us. So from here on in, we can look forward to an uninterrupted period of growth and prosperity.

With the B+ as the latest addition to the Acorn family, we believe our future as the number one UK computer manufacturer is assured.

**Acorn Computers** 



Thursday May 9 - 10am-6pm. Friday May 10 - 10am-6pm. Saturday May 11 - 10am-6pm. Sunday May 12 - 10am-4pm.

Exhibitor	Stand	Exhibitor	Stand
A.B. European Acorn Acornsoft Alpha Disk AMS Beebugsoft Beltec Bizzell Computers Blue Ribbon Boot Out British Micro CJ. Micros Cambridge Micro Care Electronics CDS Central Trade Exchange Collins Computer Agencies Computer Agencies Computer Bookshops Computer Concepts Cumana Direct Disk Supplies Disking Duckworth Gemini Griffen H.C.R. Hantarex		Holly Computers Inter-Galactic Robots Kansas City L.C.L. Linear Graphics Micro Aid Microlink Micronet Micronet 800 Minature Tool Company Miracle Technology Norwich Opus Supplies Oxford Computer Systems Pace Private Tutor Shards Silent Computers Softlife/Adder Publishing Solidisk Solidisk Technical Advice System Technical Advice Tuxsoft U.C.C. Viglen Vine Micros Watford Electronics Weserve Wigmore	

#### Stand 1

Acorn Computers, Fulbourn Road, Cherry Hinton, Cambridge, Tel: 0223 245200.

Come and see the first public showing of the BBC B Plus! The complete BBC Micro and Electron systems will also be on show.

#### Stand 2

Silent Computers, 27 Wycombe Road, London N17 9XN. Tel: 01-801 3014.

Silent Computers will be showing the very successful Expandable Console for the BBC Micro as supplied to Universities, colleges, businesses and home users, together with matching printer stands and VDU stands. The bolt-on extra module for the console will also be available. Up to two halfheight drives can be housed in the console. The complete unit can be safely carried without disconnecting the micro/expansion interfaces/cassette/drives etc.

#### Stand 3

Holly Computers, P.O. Box 17, Bingley, West Yorkshire 8D16 3JQ.

Power Users Corner — hardware and software at superb prices \*Window, your own private viewdata system. BBC Micro users can now interrupt their computer work or play and via ROM/RAM access both technical and personal information. \*Gamemaker — we believe this is the best sprite package available BBC Micro and Electron — versions for Modes 2 and 5.

#### Stand 7

LCL Educational Software, 26 Avondale Avenue, Staines, Middlesex TW18 2PN. Tel: 0784 58771.

Don't miss the LCL stand where you can see — and hear — their latest educational software course Micro English, a complete O Level English language course of 24 programs. It includes real speech but no extra hardware is required. It runs on the BBC and Electron, is Econet compatible, and is available on discs (40/80 tracks) or tapes.

It follows their best-selling Micro Maths, a similar O Level course for all popular computers. See also their complete range of educational software for infants to adults, many at special show prices.

#### Stand 8

British Micro, Penfold Works, Imperial Way, Watford WD2 4YY. Tel: 0923 48222.

Showing not only the established A4 Digitizer but also the new A3 Digitizer. The A3 Grafpad has a resolution of 3750 x 3000 pixels and is available with either a connection to the BBC user port, or with an intelligent serial interface with Summagraphics protocol.

#### Stand 11

Norwich Computer Services, 6 Upper King Street, Norwich NR3 1HA. Tel: 0603 621157.

Wordwise users – help is here at last! "The Wordwise Applications Guide" offers solutions to problems plus new ideas for using Wordwise. This will

be on sale at the special discount price of £6. "Using Wordwise Plus", an equivalent publication for Wordwise Plus users, will also be on show.

Paul Beverley, author of these books, author of the BBC Microcomputer Service Manual and well known for his magazine articles, will be available to answer your queries about Wordwise, Wordwise Plus or any other technical matter, hardware or software. Norwich Computer Services is at your service.

#### Stand 13

Shards Software, 189 Eton Road, Ilford, Essex.

Shards Software is an old and respected software house specialising in educational and adventure software for the whole family. We welcome old and new customers to our stand, where you will find some amazing discounts. "Nothing over a fiver" will be our motto for the day. Details of forthcoming releases will also be available.

#### Stand 14

Boot Out, P.O. Box 147, Putney, London.

We have purchased especially for this show a selection of reputable education and business software. We will be offering this software at prices you will not believe. Come and see us.

#### Stand 15

Micro-Aid, 25 Fore Street, Praze, Camborne, Cornwall TR14 QJX, Tel: 0209 831274.

Micro-Aid which was formed in 1978, helps people understand the use of micros by giving aid. Compiler, Database, Spell-Check, Cashbook, Memo-Calc, Mailing, Payroll, Statistics, French Abroad, Utilities, Flags, Distances, International Hangman and more. Valuable programs written by us for you.

We also offer Wordwise, Wordwise-Plus, Scribe, Pascal, Forth, Logo/Forth and screen dump ROMs. See our latest release, Extended Random Access Payroll, which offers a personnel file as well as full payroll facilities for £49.95 + VAT.

#### Stand 18

Tuxsoft, P.O. Box 1, Tuxford, Newark, Notts. NG22 OJY. Tel: 0777B4228.

Tuxsoft provides a new range of specially developed programs combining in an appealing and competitive format help and practice in important aspects of mathematics for 7 to 14-year-olds (adults get hooked too!)

Master maths without drudgery. Get them wrong and the computer helps, get them right and exciting games are your reward! Tuxsoft is good for you! (Good for your pocket too with big discounts for the show.)

#### Stand 21

**Wigmore,** 32 Savile Row, London W1X 1AG. Tel: 01-734 0173.

Wigmore will be demonstrating a low cost analogue trackball which is available on both the BBC and Electron computers and also the new, exciting Megamouse.

The Trackball costs £29.90 and can be used a

joystick replacement as well as with proprietary colour graphics software such as Mousepaint.

Megamouse is a high quality UK developed mouse using a rubber coated ball which can function on smooth working surfaces. It is available with the Cadmouse design and graphics package with real time colour, hundreds of drawing options, textures and manipulative routines which work in both Mode 0 and Mode 1.

#### Stand 23

Private Tutor on behalf of Total Business Services, 29 Holloway Lane, Chesham, Amersham, Bucks.

If you have or are thinking of buying a BBC or Electron you could learn French, German, Italian or Spanish from our See and Hear cassettes for only 65.95 inc.

You could also protect your expensive equipment with one of our dust covers or arrange it on an expandable stackable range of high quality steel stands at a low show price.

Alternatively you could treat someone or yourself to our latest product, a power distribution unit and have clean power and no more trailing wires.

#### Stand 24

## Micronet 800, Telemap Ltd, Durrant House, 8 Herbal Hill, London.

Micronet 800 is the micro database (accessed via the phone, using a modem) containing a multitude of facilities which extend the capability of your micro.

Communication facilities such as electronic mail, telex, chatlines, bulletin boards and tele shopping, link you with 50,000 other users throughout the UK.

Telesoftware is easy to download direct to your micro. Joining Micronet will also give you access to the other databases of Prestel and Prestel microcomputing. See Micronet on Stands 24, 25 and 26.

#### Stand 31

Viglen Computer Supplies, Unit 7, Trumpers Way, Hanwell, London W7 20A. Tel: 01-843 9903.

Viglen offers the most comprehensive and lowest priced disc drives for the BBC Micro. The drives are cased and fully tested at our factory in London where you can purchase by mail order or by calling pesonally at the premises. Viglen also offer full servicing capabilities and are a very helpful and friendly company.

Newsflash: To be launched at this show for the BBC B Micro are the Viglen Extension Keyboard, Numeric Keypad and the Eprom Programmer.

#### Stand 39

Cumana, Unit 1, Pines Trading Estate, Broad Street, Guildford, Surrey.

Europe's leading disc drive suppliers will be exhibiting BBC Computer fitted with QFS kit, also two Electrons running with Plus 1 and Cumana interface.

Special sale items include Touch Pad, graphic plotting aid £39.95, Electron Interface £115.95, QFS Kit £79.95, BBC compatible data cassette recorder plus box of 20, C15 cassettes £29.95.

#### Stand 41

Hantarex, Unit 2, 243 Kangley Bridge Road, Sydenham London.

The latest Hantarex Boxer 12in monochrome monitor is being demonstrated alongside the two established 14in colour monitors CT900 standard resolution for 40 column and CT900 medium resolution for 80 column use.

This new high resolution monochrome monitor has a dark screen, etched face-plate, switched mode power supplies and black level clamp. Together with a twenty mHz band pass, it has to be seen to be believed. It only weighs 5.7kg, it only dissipates 20 watts and it only costs £99.50 inc. VAT.

#### Stand 42

**Disking International,** Liphook, Hampshire GU30 7EJ. Tel: 0428 722563.

Famous name discs at unbeatable prices plus free pack of disking playing cards with every purchase over £10.

#### Stand 45

#### Pace.

Pace will be introducing their new range of powered disc drives for the BBC +, will have on sale their Nightingale modem, OBBS bulletin board software + autodial/auto-answer board for the modem. A feature of the stand will be the opportunity to download, free of charge from Micronet, Pace's superb 3D graphics game Fortress.

#### Stand 48

Intergalactic Robots, Unit 208, 22 Highbury Green, London N5

Intergalactic Robots will be demonstrating their new Zero 2 Robot. This will be running on Logotron Logo. A number of games and educational applications will also be demonstrated.

#### Stand 52

Alpha Disc, Unit 2, Crabtree Road, Thorpe Industrial Estate, Egham, Surrey TW20 8RN. Tel: 0784 35357/8/9.

Alpha Disc specialises in the sale and service of floppy disc drive systems and associated software utilities. A combination of volume purchase and unrivalled professional service/support enables potential customers to buy at a budget price with confidence.

#### Stand 54

Vine Micros, Marshborough, Nr. Sandwich, Kent CT13 OPG. Tel: 0304 812276.

Vine Micros will be demonstrating their new tape-to-disc transfer system, the T.D.ROM. Come and see how easy it is to transfer most of your taped software on to disc. At present available to suit Acorn, Watford and Pace single density DFS, and Opus 3.45 and Solidisk DDFS working in single density on the BBC B O.S.1.20.

The Addcomm ROM continues to rate highly with firmware reviewers and will be shown on both the BBC

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## The industry standard MACRO ASSEMBLER - DEBUGGER - EDITOR.

Used entirely by Island Logic and System to write 90K of m/c for The Music System! Version 2 has been significantly enhanced to include local labels, any number of output files, enhanced arithmetic expressions. With a SECOND PROCESSOR there is an 80 column version of the powerful ADE macro EDITOR and the option to assemble to memory for a really fast assembly.

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The SECOND PROCESSOR compatible version can now SPY into either side of the Tube® or into any ROM.

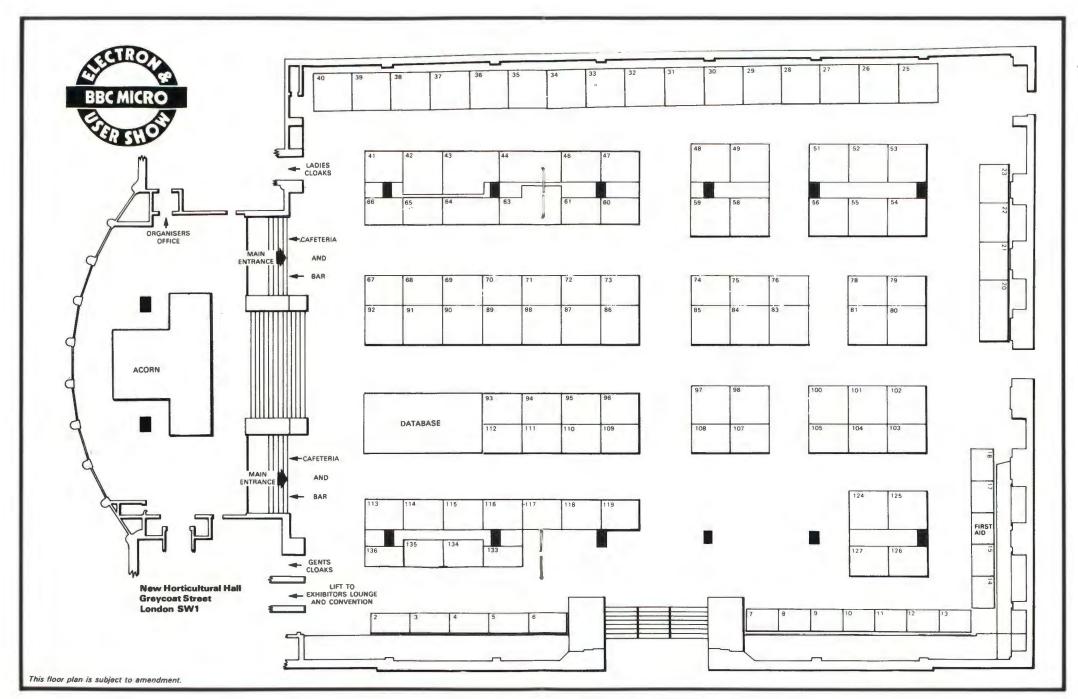
Rated by many reviewers as the best disc utility EPROM on the market.

£30 inc vat

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B and Electron. This 4-in-1 ROM contains 40 extra Basic statements covering graphics, toolkit, Logo graphics and general purpose commands and is excellent value for money.

#### Stand 56

Linear Graphics, 28 Purdeys Way, Purdeys Industrial Estate, Rochford, Essex SS4 1NE. Tel: 0702 541664/5.

Linear Graphics manufactures and sells a high quality, extremely versatile plotter for the education, small business and home-user markets. Plotmate, retails at under £300.

In its basic form Plotmate is dedicated to the BBC Micro. It is simple and easy to use - just connect to your computer, load your graphics package and begin.

Additionally, Plotmate can be linked to any micro via an intelligence module, known as Inter-Mate.

#### Stand 59

Direct Disk Supplies, 29 Dagmar Road, Kingston, Surrey KT2 6DP. Tel: 01-541 1144.

Direct Disk Supplies offers a comprehensive range of computer magnetic media, and many other items such as ribbons and labels. The company distributes floppy discs, tapes, and disc packs from major manufacturers such as 3M, Maxell, BASF, Verbatim, Control Dataset, and Sony.

Related products such as head cleaners, storage boxes, and library cases are always available from stock. The company offers you cash and carry prices by telephone.

Special prices from £9.99 per 10 discs including free SEE 10 library box and VAT, and huge discounts for large purchases. Quotations and tenders will be available.

#### Stand 64

Miracle Technology (UK), 10/12 St. Peters Street, Ipswich IP1\_1XB. Tel: 0473 50304.

Miracle Technology (UK) with special guests Micronet. Featuring multi-speed, word standard modem WS2000 - British Micro Computer Awards nominee for Peripheral of the Year, Personal Computer News choice as Best Buy, special show price £119.95 exc. Micronet will demonstrate the winning combination of our amazing modem and their amazing database. Also don't miss the preview of our new WS3000 range of intelligent modems.

Our Minor Miracles BBC Light Pen brings out the artist in everyone. Freehand drawing in three line thicknesses and eight colours. Lets you save and print out pictures. Includes cassette software and costs only £15.

#### Stand 66

Computer Bookshops, 30 Lincoln Road, Olton, Birmingham B27 6PA, Tel: 021-7075511.

Come and brouse through the range of books for the BBC and Electron on stand 66. New releases will be on display, plus old favourites, general programming and communication titles, and comprehensive lists will be available for later reference.

#### Stand 69

Cambridge Microcomputer Centre, 153/154 East Road, Cambridge CB1 1DD, Tel: 0223 355404.

Manufacturer of Namal Type and Talk Speech Computer and Namal disc drives and UK Distributor of Copal Printers. Our Type and Talk Speech Computer is the first British speech computer with an unlimited vocabulary that provides instant text to speech conversion. It handles the full phoneme chart approved by the International Phonetic Association.

Our Copal printers models SC1000 and SC1200 are competitively priced with a near letter quality retailing at £288, incl. VAT, Namal disc drives are manufactured incorporating Teac and Mitsubishi disc drives and are very competitively priced.

#### Stand 70

Bel Tech, College House, St. Leonard's Close, Bridgnorth, Shropshire WV16 4EW. Tel: 07462 5420.

Bel Base data base manager with calculation options. Printer control and report generator Mailshot included. Bel Base 2, extensive data base manager with powerful facilities including extension files. Bel Charts, line graphs, bar charts, stacked bar chart or histograms may be plain or 3D and up to 24 bars displayed. Pie charts may show four fields or up to 10 segments using special routine.

Bel Graph, graphs, charts, function plots. Automatic scaling and drawing of axes. Compatible on disc with Bel Base and Bel Base 2. Bel Chem I, revision chemistry calculations. Bel Chem II, revision general chemistry.

#### Stand 71

Advanced Memory Systems, Woodside Technology Centre, Green Lane, Appleton, Warrington WA4 5NG. Tel: 0925 62907.

Catch an incredible AMX Mouse (a finalist in the British Micro Awards), the advanced opto-mechanical device that brings to your BBC Micro facilities once only available on more expensive computers. Now you can use icons, windows and pointers in your own programs.

Also available, our two new programs, AMX Desk and AMX Utilities. With AMX Desk simply by using your mouse you can select any service you require from memo pad, telephone/address book, diary, alarm, and calculator.

The other remarkable new program is AMX Utilities. With the zoom facility you can now make easy and accurate amendments to your drawings - great for budding artists.

#### Stand 73

Opus Supplies, 55 Ormside Way, Holmethorpe Industrial Estate, Redhill, Surrey. Tel: 0737 65080.

Opus Supplies will be displaying both disc drives and high resolution colour monitors. The company's JVC high resolution monitor is currently one of the best buys on the market.

The monitor, which has a 14" screen, is available for use with a wide range of computers including the BBC and Electron Its price of £199.95 includes VAT, carriage and connection leads.

As one of the foremost suppliers of disc drives in the

UK, Opus will also be showing its range of single sided 40 track drives and its 3" 500k double sided disc drive which is available with a free double density disc interface worth £100.

#### Stands 74

Watford Electronics, 250 High Street, Watford, WD1 2AN, England. Tel: 0923 37774.

Your One Stop Shop for the BBC Micro hardware, software and peripherals. On display/demonstration are. Our new range of the top quality Epson and Mitsubishi disc drives with and without Power Supply (special offer), various printers, sideways ROM board, 32k RAM board, 16k RAM disc, Eprom Programmer and UV Eraser, Watford's ultimate single and double density DFSs, Beebmon, Beebfont, Colour Art, Disassembler, Databases, File-Plus and Disc-Data, Disc Executor, NLQ ROM, Dump Out 3 ROM, The Font NLQ Designer, Printer ROM, ROM Manager, Romspell. Also on sale are discs, micro plinths, joysticks, surge protector plugs, selected books, etc.

All our products are on special offer at this show. At this first London show this year we have launched five new products. Visit our stand to unravel the mystery.

#### Stand 76

C.J. Micros, 78 Brighton Road, Worthing.

C.J.E. Micros will be launching a new edition to their range of printer utility software. Fontaid provides users of Canon and Kaga Taxan printers with a wide range of different style fonts, including gothic, outline, square and bold. Fontaid does not stop there. It comes with a utility program to allow users to define their own fonts. We will also be demonstrating our wide range of quality printers including Star, Juki and Canon.

#### Stand 80

Universal Communications Company, Unit 17-18, Bowling Court Industrial Estate, Bowling Back Lane, Bradford.

Universal Communications Co, specialising in the Oak Computer range designed specifically for the BBC Micro and all add-ons. Our range also includes a multi-standard modem, monitor stands of various designs, disc drive power supplies. UDM double density disc interface kit, to name just some of our extensive range.

Manufacturers of the Gold Plated Oak being given as a prize in the *Micro User* competition at this show.

#### Stand 86

Central Trade Exchange, Ashton Lodge, Ashton Road, Dunstable Beds LU6 1NP. Tel: 0582 64334.

On demonstration and for sale is the well known Marconi RB2 Tracker Ball. It's perfect, whether your micro is your hobby, an educational tool or a source of low cost CAD/CAM applications. Ideal for word processing and games too.

Drift free with precise positional control – the cursor position on screen relates directly to fingertip movement on the ball. Three push buttons normally

control the delete, return and copy functions but can also be reassigned. Supplied with two free software packages. Low cost CAD, circuit Drawing, Educational software also available.

#### Stand 87

Gemini Marketing, Unit 21, Dinan Way Trading Estate, Exmouth, Devon EX8 4RS. Tel: 0395 265165.

Gemini Marketing founded in 1981 by Dale Hubbard, the current Chairman and managing Director, quickly gained a reputation for producing the best and most comprehensive serious software for the BBC and Electron.

The latest software, including Gemini's Integrated Accounting Suite and Datagem, will be available for demonstration and purchase. We shall also be exhibiting our recently launched range of educational software. In attendance will be Dale Hubbard with sales director Jerry Rihll and programmers, who will be pleased to discuss your requirements and advise. A special welcome is extended to our trade friends. Special offer: A free "Missile Control" with all programs purchased during the show.

#### Stand 90

Solidisk Technology, 17 Sweyre Avenue, Southend-on-Sea, Essex 5S2 6JQ. Tel: 0702 354 674.

At our stand for this exhibition: Highest performance double density disc interface available for the BBC Micro, 10mbyte Winchester filing system and Solidisk powerful HDFS at revolutionary low price. Solidisks latest sideways ROM/RAM board, now up to 128k RAM with facilities for up to 64k of sideways ROM's, Solidisks new concept in 6502 second processors the Solidisk smart detachable CPU and low profile keyboard cases and our range of Datalife discs and Mitsubishi disc drives.

#### Stand 93

Duckworth, The Old Piano Factory, 43 Gloucester Crescent, London NW1, Tel: 485 3484.

A wide range of books – especially well represented are adventure games including BBC Micro Adventurer which contains solutions to Philosophers Quest, Castle of Riddles and two Scott Adams classics, Voodoo Castle and The Count.

#### Stand 95

Beebugsoft, P.O. Box 50, St. Alabans, Herts.

Beebugsoft will be demonstrating their complete range of utility and application software for BBC Micro users. Specialists in ROM software, they now offer some of the most powerful programming aids available, with the new Sleuth ROM complementing the famous Toolkit and Exmon II ROM.

Also on show will be their Help ROM (your own user the spellone of North Spellcheck II checks the spelling of your Wordwise or Viewtext at incredible speeds – up to 920 words per minute with an Acorn 1.2 DFS and a staggering 1450 words per minute with a 6502 second processor.

#### Stand 97

System, 12 Collegiate Crescent, Sheffield S10 28A. Tel: 0742 68231.

The Music System, the most comprehensive micro-based music program for creating, editing, playing and printing digital music. It includes an editor, synthesiser, printer keyboard and a linker to join song files together. Also included is a readymade song and sound library.

Also on view is the industry standard macro assembler-debugger-editor – ADE – which has been significantly enhanced. You can justify buying a second processor just to use ADE at more than twice the speed with the powerful ADE editor in 80 column mode. Still available separately, the ASM, and SPY2, the most comprehensive and cost-effective of all debugging/disc utility ROMs. These products are both second processor compatible.

#### Stand 100

Acornsoft, Betjeman House, 104 Hills Road, Cambridge. Tel: 0223 316039.

On Saturday and Sunday May 11 and 12 up to 12 of Britains' most skilled Eliteists will be competing in the world's first championship for the best selling cult space game Elite. The players will be competing for a prize of computer equipment and software worth £1,000. They will be playing an enhanced Elite for the 6502 Second Processor-extended BBC Micro-- it's first public showing.

Visitors to the show will be invited to place "bets" for the winning Elite score. All proceeds will go to Capital Radio's Help a London Child Fund. On Thursday and Friday May 9 and 10, the stand will be open to the general public. You are invited to watch or challenge other high scoring Elite players.

#### Stand 108

Weserve, 128 West Street, Portchester, Hants PO16 9XE. Tel: 0705 325354.

Weserve is a new company founded by Peter Coates the founder of Electronequip. It's aim is to provide the best possible service at the best price. For instance all orders are processed the day they are received.

Weserve of Hampshire are suppliers of computer to: The home user, industry, educational and government establishments. They pride themselves on their after-sales service and support. Their fully-computerised order processing system enables them to provide a next day delivery service on their full product range.

Weserve have extensive stocks of BBC software and peripherals and look forward to receiving your order.

#### Stand 110

Care Electronics, Unit 14 Peerglow Industrial Estate, Watford, Herts WD1 8SR. Tel: 0923 777155.

Low profile ROM systems, power supplies, printer selectors, disc sharers, RGB kits, monitor + TV/monitors, switch assy, cable assy, CPX2 switches, electrical components.

#### Stand 111

Oxford Computer Systems, Hensington Road, Woodstock, Oxford OX7 1JR. Tel: 0993 812700.

Oxford Pascal is a full extended implementation of standard Pascal running on the BBC, Spectrum and Commodore 64. The compiler supports every Pascal feature and is capable of compiling very large and complex programs. In education Oxford Pascal is fast becoming a standard in its own right. It is available for 80 per cent of micros installed in the UK.

The package, which is supplied in an attractive carrying case, comprises a 100 page manual, a disc (or Cassette) and, in the case of the BBC version a 16k ROM.

#### Stand 112

Softlife, 7 Rose Crescent, Cambs.

Softlife will be showing their much acclaimed Numberic Keypad, an almost essential peripheral for scientific, business or statistical use of the BBC Micro. Also available will be softlife's Eprom Programmer — recently improved with fast programming and compatibility with 2764a and 27128a eproms.

Last but certainly not least, the Softlife Logic Analyser will be on show. It is an 8mHz eight channel device with a very full specification at a very reasonable price – including all probes etc. This is suitable for hardware development, equipment testing and teaching logic.

#### Stand 113

**Computer Concepts,** Gaddesden Place, Hemel Hempstead.

Computer Concepts will be launching major new products. BBC Basic Compiler, the most comprehensive compiler for BBC Micro Intersheet, and the most powerful spreadsheet ROM, the Speech ROM – a phoneme based speech utility ROM.

#### Stand 117

CDS Software, Silver House, Silver Street, Doncaster, South Yorks DN1 1HL. Tel: 0302 21134.

After creating an excellent name for ourselves in the Spectrum and Commodore marketplace, we now feel it is time to turn to the BBC and Electron machines. Steve Davis Snooker is already being worked on, but in the meantime come on down to Stand 117.

#### Stand 118

Blue Ribbon Software, Silver House, Silver Street, Doncaster, South Yorks DN1 1HL, Tel: 0302 21137.

What does the BBC and Electron market need right now? A high quality budget priced range of games and adventures? Here we are at only £2.50. Many of the titles are going to be best sellers. Our name means the best — it is the best.

#### Stand 125

A.B. European, Marketing Division, Forest Farm Industrial Estate, Whitchurch, Cardiff CF4 7YS. Tel: 0222 618336.

A.B. European Marketing Division has been appointed by Star Microterminals to market their

Now available 13.45
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## The Ultimate Tape to Disc System...

THE MOST EFFECTIVE TRANSFER UTILITY CURRENTLY\* AVAILABLE,
OR YOUR MONEY BACK!

...for BBC (B)

This system is ROM based and has the following features:

- Instant access
- Allows use of all available RAM, (&400 to &7FFF).
- Can handle any length of program.
- Can handle any number of programs.
- Can save to any disc.
- Very user-friendly, (menu driven).

 Contains two transfer routines to ensure effective loading of all but a few currently available software tapes.

- Adventures normally taking six minutes to load will now take about five seconds,
- The system automatically switches to TAPE filing after loading, so that you can still load/save games positions, etc.

•••• PRICE £18.00 (including V.A.T. and post) •••••

At present available for the BBC 'B' O.S. 1.20 with single density interfaces using the standard 8271 chip (e.g. Acorn, Amcom S/D, Watford S/D).

\* Month of issue.

N.B. This ROM solely provides convenience in loading, and does not break software protection.

Also: The ADDCOMM ROM

40 new commands for the BBC 'B' O.S. 1.20 and Electron computer with ROM board. GRAPHICS, TOOLKIT, LOGO GRAPHICS and GENERAL PURPOSE statements all on one ROM.

£28.00 with 72 page User Guide, (including V.A.T. and post).

Or send stamp for detailed brochure.



Available from:

VINE MICROS, MARSHBOROUGH, NR. SANDWICH, KENT, CT13 0PG.

(Or your local Computer Dealer)

Concept Keyboard worldwide. The keyboard has a touch sensitive surface on which different overlays may be placed for different programs, making it one of the most flexible and useful additions for the classroom.

Successfully developed and tested over a four-year period in schools and colleges in the UK, it is available in two sizes, and is suitable for most leading makes of computer. The product is guaranteed for 12 months.

#### Stand 126

Kansas City Systems, Unit 3, Sutton Springs Wood, Chesterfield, Derby.

#### Stand 133

**Bizzell Computers,** Walnut Tree House, Forncett St. Peter, Norwich NR16 1HR. Tel: 095 389 592.

Bizzell Computers is a new company specialising in business and educational hard/software. Get high speed plotting with high quality four colour graphics on our low cost flatbed Plotter. Built in serial and parallel interfaces. Text printed in four directions and 255 sizes.

Operation manual with sample programs.

Trace your drawing with a Digitising Arm. After the scale, label, and when you are satisfied get the plotter to produce a hard copy. Try our educational software at home – these are the "games" children play at school see if you can do as well.

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