

SPRING 1984 Newsletter.

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We are currently de-stocking our range of UK101/Ohio hardware and EPROM enhancments and are therefore offering them at some very tempting prices! We have now reached the stage with the UK101 that we have to look very carefully at economics when re-ordering stock - particularly expensive PCBs. If you intend adding a Screen Enhancement Kit, Floppy Disk Card, Mini EPROM board, Sound board, etc, to your computer, we would strongly advise you to purchase them during our special offer time-span as some of the boards may not be available after that period due to the high cost of ordering small quantities. The prices are also very likely to go up! PREMIER are not ceasing support for the UK101, but in the interests of economy we are now carrying much lower stocks. This approach should enable us to keep supporting UK101 customers profitably for a much longer period.

DISK SYSTEMS DISK SYSTEMS DISK SYSTEMS

Premier Disk Systems for the UK101/Ohio now start under £300!. All Systems are supplied complete and include postage and packing and VAT! Availability is of course immediate. We will shortly be able to supply the new SONY 3.5in microdrives for the UK101 - you can have one today if you have no need for a power supply and case!

Disk Drives

Starting from under £200, our superb 5.25 two-thirds height and half-height drives are positively the BEST value for money on the market. They come complete with smart case and custom-built UK PSU - we found the American supplied PSU to be marginally rated so we supply one of our own design at no extra cost to you! As a major supplier of disk drives, Premier can offer you the best drives at the best possible prices!

ADVENTURE GAMES COMPENDIUM

We have grouped together our Adventure programs into 'bargain packs' for ease of purchase. Prices start from as little as £12.95 for two Adventures and you can buy all seven for an amazing £22.95. Has anyone got out of THE TOWER yet or escaped from ESCAPE? We have had many people ringing up pleading for the answers - but sorry, you paid for the game so we aren't going to spoil it by telling you how to do it!

ADVENTURE GAMES COMPENDIUM will give you hours of intriguing pleasure. Order now while the offer lasts!

UPGRADE EPROMS

Almost the whole range of PREMIER upgrade EPROMS are on special offer this month. TOOLKIT, BASIC 4, 5 or X, Word Wizard and ENCODER can all be purchased for bargain prices, as can any one of the above plus a mini-EPROM board. A full list of what each enhancement does appears later in this newsletter.

UK101 HYPER UPGRADE PACKAGE

This pack has been designed to appeal to the UK101 owner who has not yet upgraded his UK101/OHO and wishes to achieve this in one purchase. The HYPER kit consists of the Screen Enhancement Kit, CEGMON X monitor, BASIC4, BASIC 5, BASIC X, TOOLKIT and a Mini EPROM board. It gives the UK101 owner a tremendous package of improvements. The three BASIC chips and TOOLKIT give over 50 new BASIC words alone! The Screen Enhancement Kit (our best-seller for a long time) gives a superb 32 x 64 display AND the option of many other displays to retain compatibility with the software/hardware you have already purchased. CEGMON has become the STANDARD upgrade monitor, giving a full-screen editor, machine code

monitor, plus many other improvements. Please state your machine type when ordering the HYPER kit. Availability is immediate.

SOFTWARE SPECIALS

See new price list for details of software contained in this special offer.

SPRITE GRAPHICS CARD

SPRITE GRAPHICS CARD

SIXTEEN COLOURS

256 x 192 RESOLUTION (in 16 colours)

768 programmable graphics characters

Coloured text available

Full supportive EPROM software supplied

ALL colours may be displayed at one time (even in hi-res!)

32 display 'layers'

Simple plug-in to J1 socket

Takes only TWO bytes of the UK101's memory

16K video RAM residing outside UK101 memory map

AVAILABLE NOW in either built or kit form

Not only will this board provide 256 x 192 resolution, but it will also give up to 768 programmable graphics AND 32 independent, fully mixable screen display 'layers' AND 16 colours AND lower case AND a clearer display! All the display layers can be displayed AT THE SAME TIME to give a fabulous 3D effect. Your normal display is still available of course!

Each 'layer' can be smoothly (and we mean SMOOTHLY!) moved without disturbing the others whatsoever. Imagine a forest with a man walking through the trees. As he passes in front of a tree, part of the tree disappears as he goes behind another tree, he disappears - the Sprite board gives this effect. The board also gives a sixteen colour output and features a user-definable backdrop colour plane, a border plane and many more exciting graphics goodies!!

A full software package is supplied with the SPRITE board which gives many new BASIC words for the user to manipulate the display. The software is in EPROM and so becomes available immediately upon power-up. New words are:-

MODE	selects one of four Sprite modes
COLOUR	selects one of 16 foreground/background colours
CLS	clear Sprite screen
INK	change individual back/foreground
PUTAT	print text to specified location
PLT	plot a point on 256x192 screen

UNPLOT

erase a point

LINE

draw a line

LINE•

erase a line

SIZE

scale a Sprite

SPRITE

move a Sprite

SHAPE

design a Sprite

In addition, routines are supplied to enable the user to plot circles and to draw a shape from a 'string' defined from BASIC.

The Sprite Graphics board requires only 2 locations in the UK101 memory map - its own independent 16K RAM is addressed by the main display chip itself. An A4 ring-bound manual is supplied.

D.I.Y. construction should not be attempted unless you are a confident and experienced builder. The kit board is densely packed and needs a steady hand! The bare P.C.B. version is supplied complete with Sprite chip as the chip manufacturer have recently changed the specification of the chip and the earlier ones will not work with the Sprite board at all! (Also, some retail suppliers list this chip at over £40 EACH!)

This add-on upgrades the UK101 to a level where it will compete with any hobbyist machine on the market where graphics facilities are concerned. CEGMON'S required to operate the SPRITE board correctly and should be purchased either outright or as an upgrade (see price list) at the time of purchasing the Sprite board.

AVAILABLE NOW **AVAILABLE NOW** **AVAILABLE NOW**

PREMIER MICROSYSTEMS **HARDWARE** **available for UK101 and SUPERBOARD**

Premier carry a full range of hardware add-ons for the UK101 and OHIO machines, from a simple EPROM board to a disk controller.

FLOPPY DISK CARD (FDC)

This card allows you to add a disk system to your machine. It is supplied either as a kit or built and tested. It plugs into the J1 expansion socket on your main board.

SPRITE BOARD - see separate article in this newsletter**SCREEN ENHANCEMENT KIT (SEK)**

This astonishingly versatile enhancement was designed to overcome the incompatibility problems centred around the differences between the UK101 and OHIO machines - BUT it does a lot more than that. The SEK will provide any one of TWENTY screen formats, including 24x24, 48x16, 32x48 and a superb 32x64 display. Any format can be obtained with one POKE!

A special CEGMON or WORD WIZARD EPROM/TAPE is available to enable the user to take full advantage of SEK. The board connects to the main PCB but does not use the J1 socket. Main board modifications are zero on the UK101, but OHIO owners will need to make quite a few mods before installation. The SEK gives a superbly stable picture on any of its many formats.

SOUND/VIA BOARD

This board consists of three separate kits - a BASE kit which consists of the PCB and necessary sockets and TTL, a SOUND kit which implements sound via an AY 3-8910, and a VIA kit which enables the user to achieve parallel input/output. Most customers purchase this board to enable them to use a parallel printer.

Two VIA kits may be fitted to the PCB. It plugs in via the J1 socket. BASIC X should be purchased with this board as it contains printer and sound commands.

MINI EPROM BOARD (MEB)

This ingenious little device takes your four BASIC chips off the main board and onto its own board. The mainboard sockets can then be re-addressed to take BASIC 5, TOOLKIT, ENCODER, etc. Plugs into old BASIC 4 socket. A few main board mods need to be done during installation.

A second MEB can be supplied if you run out of slots! This board is essential if you are contemplating buying any of our EPROM enhancements as there is NO space on the main PCB as standard - hence this product!

RS232 KIT

This kit enables UK101 customers to achieve RS 232 IN as well as OUT. The kit is of no use to OHIO owners as RS232 IN is usually implemented as standard

SONY MICRODRIVES

Using advanced high density recording techniques developed through decades of leadership and innovation in the audio and video industries, SONY's revolutionary new micro floppydisk system is a big step forward in mass data storage.

The system uses high capacity disks only 3.5in square. However, it differs from conventional 5.25in systems by a lot more than 1.75in!

The disks themselves resist abusive handling thanks to their semi-rigid protective plastic shells. An automatic shutter device makes sure that the recording surface never sees the light of day, let alone a human finger or speck of dust.

- * Compact 3.5in disk with the capacity of an 80 TRACK 5.25in diskette
- * Data storage rate compatible with 5.25in at 250 kbits/sec
- * Disk drive only 4in wide and 2in high - and highly efficient
- * .25in pin compatible interface connections
- * Semi-rigid shell protects disk from damage, enhances appearance
- * Automatic disk guard only opens when disk correctly inserted
- * Metal centring hub ensures accurate positioning of disk in drive
- * Large wrap-around colour-coded labels make for improved indexing
- * Designed for outstanding ease of use and long term reliability

Performance Specifications

	Single density	Double density
Unformatted	250 Kbytes	0.5Mbyte
Formatted	184.3 Kbytes	368.6 Kbytes
Sectors/track	9	9
Transfer Rate	125 Kbits	250 Kbits
Access Time		
track to track	12msec	12msec
average	35msec	35msec

setting time	30msec	30msec
TRACKS	80	80

D.C. Voltage requirements

+12v to 5% @0.30A Typical
+5V to 5% @ 0.38A Typical
5.5W continuous
3.2W standby
5-45 degrees Centigrade

Environmental requirements

These magnificent drives are AVAILABLE NOW from Premier Microsystems - see price list then order one (or two) today!!

Colour Board Kits

We now offer a range of Colour Board Kits. These consist of :-

- a/ A version which gives R.G.B. output
- b/ A PAL adaptor for T.V. use
- c/ The bare P.C.B. for adventurous customers!

See Price List for details. Availability of all versions is immediate.

Bare Boards

We now offer bare P.C.B.'s for the majority of our hardware items. Each P.C.B. is supplied with a components list and layout diagram to enable the user to purchase and position components BUT we cannot always supply a circuit diagram as some of our products were computer designed so no complete (or comprehensible!) diagram exists!

We must stress that many of our boards are high-density and building should only be attempted by EXPERIENCED constructors. The SEK, SPRITE and FDC cards especially should not be attempted unless you are a competent builder.

Premier Utility Programs

Premier have several utility programs to aid the UK101 programmer. As a special summer offer, we have temporarily grouped them together to form a UTILITIES PACK.

This program squeezes your BASIC program onto the least possible number of lines, thus effecting a worthwhile saving in memory and slightly speeding execution. The program takes full account of GOSUB, GOTO, IF..THEN statements etc. Comes complete with user-documentation. Indispensable to owners who still have an 8K machine.

B.L.S.F.H.

This program is for the 6502 machine code user. It provides named files to cassette, a fast software generated load/save routine (no board mods required) and many other features to aid the 6502 user.

FLOPTRAN

...is a very small BASIC compiler. FLOPTRAN will cope with a small range of BASIC words and gives a worthwhile speeding up of graphics, maths formulae, etc. It is NOT a full compiler and is best treated as a development tool.

OSI BOOKS

We have very few OSI manuals left and when they are gone we can get no more. All

books listed below (except one) are on SPECIAL OFFER at £3.00 (+£1.00 P&P)

OSI BASIC REFERENCE MANUAL

ASSEMBLER EDITOR EXTENDED MONITOR REFERENCE MANUAL

C4P USER MANUAL

CIP USER MANUAL - sold out

C2/C3 WORKSHOP MANUAL

CIP WORKSHOP MANUAL - sold out

65V PRIMER

6502 SOFTWARE DESIGN by L Scanlon - highly recommended - £5.95

Premier EPROM ENHANCEMENTS

Below is a summary of the BASIC words and other facilities you will obtain when purchasing our range of PREMIER BASIC enhancement EPROMS, all of which are on SPECIAL OFFER. We have produced the list in response to customers who have phoned to ask which enhancement they need for a specific purpose. The list also gives the memory address of the EPROM (where relevant). We cannot supply versions at other locations.

BASIC 5 ()** (9000hex)
VLIN HLIN SCR TEST SET BLK GET GS GT RD WI

PUTAT GO GOS PRNTUSNG

CWI CWIS

Supercharges your graphics capabilities! Variable GOTO.
State monitor (CEGMON or MON02) and machine when ordering

BASIC X
(**) (8800 or 9800hex)
REPEAT...UNTIL ELSE APPEND CREATE OPEN
CLOSE DUMP GET LPRINT LISP VIA PAR
RSPO IN OUT RESET NOISE CHAN ENV
VOL REG MODE HANG

Printer, Sound, Cassette file commands plus REPEAT UNTIL etc
Designed to go with our SOUND/VIA board, but will work with most sound boards which use the AY 3 - 8910

BASIC 4
(replaces standard ROM)
named programs to tape
capable of handling high baud rates for fast cassette transfer
a tape verify facility
seven new SAVE/LOAD commands
automatically initialises BASIC 5 (if present)
autorun of loaded programs

OLD - a program crash recovery command
Not suitable for MON01 (the antique monitor!!!)

TOOLKIT II ()** (8000hex)
TRACE VIEW MC LIST LINE ON ERROR FIND REPLACE DUPL RENUM
Toolkit also unmasks BASIC to give correct error messages and corrects the
warm start ROM error.
State CEGMON, SYNMON or MON02 plus machine type when ordering

BASIC 1 & 3 (replaces standard ROMS)

corrects serious string-handling bug present in standard ROMS.

allows m/c programs to be called from BASIC.

unmasks BASIC, allowing graphics direct from keyboard.

CEGMON

(replaces standard monitor EPROM or ROM)

standard upgrade monitor.

full screen editor - delete, concatenate, copy etc.

user-defined screen windows.

highly advanced machine code monitor.

DISK bootstrap - essential for disk use.

keyboard correctly decoded allowing shiftlock to work as intended!

BASIC in/outputs vectored through RAM.

comes complete with extensive manual.

state machine type and screen size when ordering.

state top left location of screen if an OHIO machine.

special versions available - see price list

WORD WIZARD (*) (8800 hex only)

Full feature Word Processor

Available on tape, disk or in EPROM

Global Search and Replace

centralise, justify text

move, copy delete text

comes complete with manual

MANY other features

Please state your screen size when ordering

(A special 32x64 SEK version is available to SEK purchasers)

ENCODER (***) (8000, 8800, 9000, 9800hex)

a full assembler/disassembler for the UK101/OHIO

allows full labelling

supports all normal 6502 directives.

produces clear error messages!

easily the best assembler/disassembler for the UK101

requires CEGMON resident to run

not available for Superboard 3 (unless SEK CEGMON is used!)

please state which memory location required when ordering

All the above EPROMS have been designed to be compatible with one another - you can initialise BASIC 5, TOOLKIT and BASIC X and use them ALL in the same program.

** denotes that the product needs a Mini-E PROM board to run. All other products replace an EPROM/ROM already present on-board your machine.

A second Mini EPROM board can be supplied if memory allocations become filled!

CIRCLE AND DRAW UTILITIES FOR SPRITE BOARD

The program below appears in later versions of the UK101 Sprite manual. For customers who received an early manual, the relevant information is printed in full below.

```
1 GOTO38
2 REM
3 --CALCULATE NEW POSITION
4 REM
5 ZI=INT(Z0/1000);Z2=Z0-(Z1*1000);Z6=Z1;Z7=Z2;Z8=-1:RETURN
6 REM
7 REM --DECODE Z$ FUNCTIONS--
8 REM
9 ZS=1:ZL=LEN(Z$):FORZ5=1TOZL:Z1$=MID$(Z$,Z5,1)
10 Z4=VAL(RIGHT$(Z$,ZL-Z5));Z5=Z5+LEN(STR$(Z4))-1
11 IFZ1$="M"THENZ0=Z4:GOSUB5
12 IFZ1$="S"THENZS=Z4:GOTO26
13 IFZ1$="C"THENZ3=Z4:Z8=Z4:GOTO26
14 IFZ1$="Z*Z$*Z":SQR(2)
15 IFZ1$="B"THENZ8=-1
16 IFZ1$="P"THENZ8=Z3
17 IFZ1$="U"THENZ7=Z2-Z4
18 IFZ1$="T"THENZ7=Z2-Z9:Z6=Z1+Z9
19 IFZ1$="R"THENZ6=Z1-Z4
20 IFZ1$="F"THENZ7=Z2-Z9:Z6=Z1+Z9
21 IFZ1$="D"THENZ7=Z2-Z4
22 IFZ1$="G"THENZ7=Z2-Z9:Z6=Z1-Z9
23 IFZ1$="L"THENZ6=Z1-Z4
24 IFZ1$="H"THENZ7=Z2-Z9:Z6=Z1-Z9
25 IFZ8>-1 THENLINE Z1,Z2,Z6,Z7,Z8
26 ZI=Z6:Z2=Z7:NEXT:RETURN
27 REM
28 REM--CIRCLE--ZX,Y,ZC,ZR
29 REM
30 ZI=(50/ZR)*.0075:Z1=0:ZK=ZR:ZO=0
31 ZL=ZK*ZI:ZM=ZJ*ZI:ZI=ZJ+ZL:ZK=ZK+ZN:ZN=3*ZK/2
32 PLOTZX-ZJ,ZY+ZN,ZC:PLOTZX+ZJ,ZY-ZN,ZC:PLOTZX-ZJ,ZY+ZN,ZC:ZO=ZO:ZI:IFZ0<1,5708THEN31
33 RETURN
34 REM YOUR PROGRAM STARTS HERE
35 REM HERE IS A LITTLE SAMPLE OF HOW EASY
36 REM THESE ROUTINES ARE TO USE
37 MODE3:CLS1
38 ZS="53M140PMCIU12C7R17C9F9C2I12C6U11C12L19"
39 GOSUB9
40 FORZ2=6TO62STEP8:ZR=ZZ:ZX=128:ZY=96
41 FORZ3=0TO12:GOSUB30:NEXT
42 ZC=ZC+1:GOSUB30:NEXT
43 GOTO43:REM CTRLC TO EXIT
```

Notes on the above program

CIRCLE set up the following variables, then GOSUB30.

ZC	= colour
ZR	= radius
ZX	= X co-ordinate
ZY	= Y co-ordinate
ZO	= 0 = left
ZI	= top

DRAW create Z\$ using the following, then GOSUB9

M	move to new position
S _n	scale will increase or decrease the size of your draw

Cn = colour change
 BM = Blank move (no draw)
 PM = Pen Mode (draw)
 Un = UP - move up 'n' dots
 Dn = DOWN - move down 'n' dots
 Ln = LEFT - move left 'n' dots
 Rn = RIGHT - move right 'n' dots
 In = Diagonal up right 'n'
 Fn = Diagonal down right 'n'
 Gn = Diagonal down left 'n'
 Hn = Diagonal up left 'n'

Type the command letter then the number in each instance except for BM and LM. For 'M' (move), a number composed of the X and Y co-ordinates must be used, so if X=100 and Y=90, then M100|90 should be used. If X=20 and Y=180 then M20|180 would be used.

Eg:-

Z\$="M100090D4R11D12G12":GSUB9

DISK WIZARD 3 - mods for CEGMON 'S' users

Users of Disk Wizard III who have now purchased the new Sprite Board and CEGMON 'S' will need the following patch to Disk Wizard to make it fully compatible.

First of all, get track zero of your Disk Wizard III master disk into memory using your ROMDOS, VORTEX or OS650D track zero copy utility. For the sake of simplicity in the example below, we will assume that you have loaded it to location \$6000. After loading it, modify:-

```
$6110 to $4C
$6111 to $B0
$6112 to $1D
```

then save the code back to disk using the track zero write routine. The start address is \$E000 and the length is 8 sectors.

Now call in track 2, again to \$6000. Modify:-

```
$67B0 to $A9
$67B1 to $40
$67B2 to $85
$67B3 to $DF
$67B4 to $4C
$67B5 to $59
$67B6 to $FE
```

then save track 2 back to disk for eight sectors. You now have Disk Wizard 3 'S'!

It should be noted that the byte at location \$67B1 contains the character width of the screen. For SEK users this will normally be \$40, but users with a width of 48 should insert \$30. If you're not sure what it is, PRINTPEEK(223) to find out.

Customers who do not wish to modify their own diskettes should return their

master plus a £8.00 handling fee and we'll do it for you. If you happen to have an old DISK WIZARD 1 or 2 we'll overlook the fact and you'll get Disk Wizard 3 back plus an improved manual for no additional charge!

SPARE PARTS for UK101 and OHIO SCIENTIFIC

PREMIER can offer a full range of spares for the UK101 and Ohio with the exception of the printed circuit board. This includes blank keytops, keyswitches (not OSI), space bar, all on-board chips, EPROMS, ROMS, ACIA, 6502 chip, leads, PSU components etc.

Whilst on the subject of spares, we should add that the 2114 chip - 16 of which supply all the memory on your main board! - is in VERY short supply. We have been quoted many months delivery delay and some very silly prices from our suppliers so please check before ordering. The price in the current price list is subject to change without notice!

BARGAINS BARGAINS BARGAINS BARGAINS BARGAINS BARGAINS

32K DYNAMIC RAM CARDS

We have acquired four of these cards and they are on offer at £70.00 (inc VAT & P&P) each fully built and tested. They plug in to the 6502 processor socket and provide a quick, cheap, reliable method of expanding to 32K. They have always been one of our best selling lines but incredibly poor delivery by the supplier caused us to drop the product some time ago. Once these four go, there will be no more so FIRST COME FIRST SERVED!! The first four orders WITH MONEY that we receive will secure!

P.S. We can still supply spares for this item.

EIGHT INCH SYSTEM FOR SALE

Premier have for sale an ex-development twin disk eight inch drive system. It comprises the following:-

2 x 8" double sided drives, giving a huge 1 megabyte capacity!
 1 x 8" floppy disk card, built and tested
 VORTEX - PREMIER Disk Operating System for the UK101
 10 8" diskettes
 all connecting leads, post and packing, VAT PRICE:- £600.00 ONE ONLY - FIRST COME FIRST GETS!!

ACOUSTIC MODEMS

We have on offer a quantity of RS232 modems which will work without modification on the UK101 or Superboard. The transmit and receive rate is 300 baud - the same as the UK101 /Superboard! They require that you have implemented RS232 in and out on your board - we can supply the parts plus diagram if you have not. Price £55.00 each (limited stocks)

MONITORS - high res

Also on offer are some NEW nine inch high resolution monitors. Bandwidth is >8mhz. Connection is direct to the UK101 or Superboard via the J2 socket. Price is £92.50 plus carriage - we prefer collection on this item!

PRICES—AVAILABILITY—SUITABILITY

Feb '84

UK101 and OHIO SCIENTIFIC

PRODUCT	NORMAL PRICE	OFFERUK101 PRICE	SB	CIU	CIE	SB 3
ADVENTURE GAMES						
ADVENTURE SPECIAL OFFERS						
Any 2 below for £12.95, 3 for £15.95, 4 for 18.95, 5 for 20.95 or all seven ADVENTURE programs for only £22.95						
ADVENTURE COMPENDIUM DISKETTE (ROMDOS)						
Adventure Plus (16K)	£9.95	£7.95	*	*	*	*
House of Horrors	£7.95	£5.95	*	*	*	*
Caverns of Doom	£9.95	£6.95	*	*	*	*
Dungeon of Death (16K)	£9.95	£6.95	*	*	*	*
The Tower (16K)	£9.95	£6.95	*	*	*	*
ESCAPE (16K m/c Adv Ceg)	£11.95	£7.95	*	*	*	*
ESCAPE (Ceg disk)	£11.95	£7.95	*	*	*	*
Safespot (B5)	£7.95	£5.95	*	*	*	*
SPECIAL OFFERS ON CASSETTE SOFTWARE BELOW						
Any 2 for £9.95, 3 for £11.95, 4 for £13.95, 5 for £14.95						
SNAKE (m/c) (53260)	£7.95	£4.95	*	*	*	*
RAIDER (m/c)	£7.95	£4.95	*	*	*	*
UTILITY PACK	£33.85	£17.95	*	*	*	*
MASTER PACK 3 (B5)	£8.95	£6.95	*	*	*	*
MASTER PACK 4	£8.95	£6.95	*	P	P	P
MASTER PACK 5	£8.95	£6.95	*	P	P	P
MASTER PACK 7 (B5N)	£8.95	£6.95	*	P	P	P
MASTER PACK 8	£8.95	£6.95	*	P	P	P
MASTER PACK 9	£8.95	£6.95	*	P	P	P
MASTER PACK 10 (B5N)	£8.95	£6.95	*	P	P	P
MASTER PACK 11 (B5N)	£8.95	£6.95	*	P	P	P
MASTER PACK 13 (B5N)	£8.95	£6.95	*	P	P	P
MASTER PACK 14 (B5)	£8.95	£6.95	*	P	P	P
Voy of Nostrono (B1/5/32x48)	£8.95	£5.95	*	*	*	*
Compact	£8.95	£6.95	*	*	*	*
B.L.S.F.H. (Ceg)	£9.95	£7.95	*	*	*	*
Martian Rescue (m/c)	£6.95	£5.95	*	P	P	P
FLOPTRAN	£14.95	£8.95	*	*	*	*
FINCAL	£9.95	£6.95	*	*	*	*
Cartoon Caper-bility (Ceg)	£9.95	£7.95	*	*	*	*
Cartoon Caper-bility (Disk)	£11.95	£9.95	*	*	*	*
Math Games Pack	£9.95	£7.95	*	P	P	P
Challenge & No Matcher	£7.95	£5.95	*	P	P	P
Spell Test & Math Ex.	£7.95	£5.95	*	P	P	P
Break in & Warp War	£7.95	£5.95	*	P	P	P
Time Maze & A.T.C.	£7.95	£5.95	*	P	P	P
Stock Exchange (Ceg)	£6.95	£5.95	*	P	P	P
EPROM/DISK Software						
FOR TH disk (5.25 only)						
LINK 65 / LINK 6						
SCOPYM cassette						
SCOPYM diskette						
DISK OPERATING SYSTEMS						
WORD WIZARD I, II, III word Processors						
VORTEX cassette (WWIII)						
ROMDOS						
WORD WIZARD I, II, III word Processors						
cassette (WWIII)						
EPROM (WWI, not MON02)	£19.95	£19.95				
EPROM (WWI, SEK)	£21.95	£17.95				
DISK WIZARD 3	£24.95	£21.95				

SPECIAL OFFERS ON CASSETTE SOFTWARE BELOW

Any 2 for £6.95, 3 for £8.95, 4 for 10.95, 5 for £11.95

DISK WIZARD 3.8"	£24.95	£21.95	*	*	*	*	*	*	*	*	*	*	*	*	*
TOOLKIT II	£19.95	£15.95	*	*	*	*	*	*	*	*	*	*	*	*	*
CEGMON	£17.25	£9.95	*	*	*	*	*	*	*	*	*	*	*	*	*
CEGMON 'S'	£17.25	£9.95	*	*	*	*	*	*	*	*	*	*	*	*	*
Extended Monitor (EPROM)	£5.00	£5.00	*	*	*	*	*	*	*	*	*	*	*	*	*
BASIC 1 & 3	£19.95	£7.95	*	*	*	*	*	*	*	*	*	*	*	*	*
BASIC 4 (CEGMON 02 only)	£17.25	£11.25	*	*	*	*	*	*	*	*	*	*	*	*	*
BASIC 5	£13.95	£11.95	*	*	*	*	*	*	*	*	*	*	*	*	*
EPROM disk (Ceg)	£19.95	£14.95	*	*	*	*	*	*	*	*	*	*	*	*	*
BASIC X	£19.95	£15.95	*	*	*	*	*	*	*	*	*	*	*	*	*
ENCODER	£24.95	£19.95	*	*	*	*	*	*	*	*	*	*	*	*	*

HARDWARE..... all at reduced prices !!

KIT	BUILT	Bare PCB & info
Floppy Disk Card	£44.95	£52.50
Mini EPROM board	£12.95	£17.95
RAM Enhancement Kit	£65.95	£28.00
SPRITE GRAPHICS BOARD (CS)£89.95	£105.95	£59.95 (\$)
RGB Colour Kit	£32.50	£39.50
Sound/VIA Board BASE Kit	£20.95	£15.95
VIA Kit	£9.95	*
RS232 Kit	£8.95	*
	£6.95	*

(S) Sprite 'bare board' price includes EPROM software and Sprite chip.

UK101 / OHIO spares - full range stocked (not PCB), all chips, upgrade PSU, etc - ring for quote
RAM 2114 (300ns low power minimum spec.) £1.50 each
2764 EPROMS £4.80 each (ex-stock)

VIDEOMONITORS (postage extra)

VM 1	12" BLACK & WHITE	£72.95
VM 2	12" GREEN	£82.95
VM 3	9" HIGH RES B & W	£98.95
VM 5	9" HIGH RES ORANGE	£115.95
VM 6	NOVEX high res green 12"	£113.95

40 track single-sided Drive (90K)
Two 40 track single-sided Drives (180K)
80 track drives single or dual (180-360K)
SONY 3.5" microdrive cased with PSU (183K)
SONY 3.5" microdrive bare mechanism (183K)
(equivalent to an 80track 5.25 drive!!)
Single drive cable
Dual drive cable

£199.95
£379.95
POA
Soon
£212.75
9.95
15.95

SPECIAL UK101/OHIO DISK PACKAGES

PACKAGE 'A'	Floppy Disk Card (kit), Drive, Cables, VORTEX, P&P	£199.95
PACKAGE 'B'	F.D.C.(built), Drive, Cables, VORTEX, P&P	£310.95
PACKAGE 'E'	F.D.C.(kit), cables, VORTEX, dual drives, P&P	£449.95
PACKAGE 'F'	F.D.C.(builtin), cables, VORTEX, dual drives, P&P	£479.95
PACKAGE 'M'	F.D.C.(built), cables, VORTEX, SONY 3.5" drive, P&P	£POA

POSTAGE AND PACKING - All prices include postage and packing, unless otherwise stated in the price list (to mainland Britain only).

Despatch is normally 5 working days after receipt of order (not overseas), but Credit Card orders sent same or next day (stocks permitting)

OVERSEAS - please ask for a specific quote. Minimum overseas order is strictly £25.00

Phone for price confirmation. We try hard to beat any advertised price !!

SPECIAL OFFERS (to 31/03/84 ONLY)

TOOLKIT 2	Mini EPROM board (kit)	£22.95
BASIC 5	Mini EPROM board (kit)	£25.95
BASIC X	Mini EPROM board (kit)	£53.95
SOUND/VIA Board - BASE (kit), SOUND, 2xVIA KITS		£99.95
HYPER KIT - SEK (kit), MEB (kit), CEGMON, BASIC enhancements		£112.95
HYPER KIT - as above but built SEK & MEB		
Add £5.00 to above offers for built Mini EPROM board.		

DISKS AND DISKETTES DISKS AND DISKETTES

Our 5.25in diskettes are single-sided single density TOP QUALITY, fully guaranteed. (We use them all the time!) They are rated single density but we use them in double-density mode with no problems! Remember that the prices quoted for PREMIER disks include VAT!

If you buy ten diskettes from Premier, you get labels, write protect tabs and a strong, smart disk case absolutely free!

We can also now supply SONY micro Floppy diskettes for the SONY microdrives.

PREMIER 5.25in DISKETTES	each	£2.30
	in tens	£19.95
	in tens (no case)	£18.95
SONY Microdiskettes	each	£5.40
	in tens	£51.75

DISK DRIVES

All drives are fully cased, with PSU. SONY micro drives can be supplied as bare units.

sterling.

A phone technical/product customer support service available for enquiries on MONDAY nights 7 - 9pm (only) on 01-659-7131. Shop hours are Mon to Fri 9.15 to 6pm (wed 1pm). Sat 9am - 5pm. We will only answer technical enquiries after 4pm.

PREMIER MICROSYSTEMS regret that due to the vulnerability of computer software/firmware, we cannot refund money OR exchange against other goods. We will of course replace faulty goods with a working version!

Key to Abbreviations

*	immediate availability
SEK	Needs PREMIER Screen Enhancement Kit
TBA	To Be Announced
POA	Price On Application
Ceg	CEGMON monitor must be resident
CS	needs CEGMON 'S' to operate
B5	BASIC 5 upgrade EPROM required
B5N	BASIC 5 Normal versions available
B1/3	BASIC 5 or Normal versions available
P	needs new BASIC 1 and/or 3 to run
	Should run on CIU in top of screen, if top left hand corner screen address is around 53260.

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208 CROYDON RD, ANERLEY, LONDON SE20 7YX Tel 01 659 7131 or 778 1706

This price list supersedes all previous lists.

ALL PRICES INCLUDE VAT (@ 15%) 16/02/84

E & O E.

UK1.01-SB
SPRING '84