



CATALOGUE 3.2 1986

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(CORRECT AT GOING TO PRESS)  
(E. & O.E.)

MEEDMORE LTD.  
28 FARRIERS WAY  
NETHERTON  
MERSEYSIDE  
L30 4XL

051 521 2202

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PRICES CORRECT AT GOING TO PRESS

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MEEDMORE LTD.  
28 FARRIERS WAY  
NETHERTON  
MERSEYSIDE  
L30 4XL

TEL:- 051 521 2202

ACCESS AND VISA CARDS WELCOME

TERMS OF BUSINESSORDERING

TELEPHONE 051-521-2202 MONDAY TO FRIDAY 9.00 a.m. to 5.00 p.m.

IN WRITING TO:- MEEDMORE LTD.  
28 FARRIERS WAY  
NETHERTON  
MERSEYSIDE  
L30 4XL

CALLERS welcome but note we are a warehouse not a shop.  
only between 9.30 a.m. & 1.00 p.m. and 2.00 p.m. & 5.00 p.m.

PAYMENT N.B. ALL PRICES INCLUDE VAT.

CASH WITH ORDER ONLY EXCEPT APPROVED ACCOUNTS (subject to status)

CHEQUES payable to MEEDMORE LTD. (Despatch after clearing)

CREDIT CARDS...ACCESS & VISA welcome

POSTAL ORDERS, GIROS, MONEY ORDERS accepted

\*\*\* NOTE ALL PAYMENTS TO BE IN STERLING FREE OF CHARGES \*\*\*

CARRIAGE (UK MAINLAND ONLY)

COMPUTERS etc. delivery by express carrier at £5.00 per computer.

PRINTERS delivery by express carrier at £5.00 per printer.

MONITORS delivery by express carrier at £5.00 per monitor.

LISTING PAPER delivery by parcel post at £1.90 per box.

ALL OTHER ORDERS by post at £0.90 per order..FREE over £10.00

DESPATCH

NORMALLY FROM STOCK WITHIN 7 DAYS

WE WILL NOTIFY YOU IF DIFFERENT.

WARRANTY

FULL 12 MONTHS PARTS AND LABOUR RETURNED TO US

COMPLAINTS

SHORT SHIPMENT, DAMAGED GOODS, WRONG OR FAULTY ITEMS  
MUST BE NOTIFIED TO US WITHIN 7 DAYS OF RECEIPT.

RETURNS & RESTOCKING

WE MAY AT OUR DISCRETION ACCEPT RETURN OF WRONGLY ORDERED  
GOODS SUBJECT TO A RESTOCKING CHARGE DEPENDANT ON CONDITION.

\*\*\* RETURNS WITHOUT AGREEMENT WILL NOT BE ACCEPTED OR KEPT. \*\*\*

**CONNODORE COMPUTER PRODUCTS**

CONNODORE 128 COMPUTER	A0078	£269.99
CONNODORE 128 +157 Disk PACKAGE	A0079	£449.99
CONNODORE 128 COMPENDIUM PACK	A0060	£299.99
CONNODORE 128D COMPUTER	A0061	£499.99
CONNODORE 128D/MONITOR PACKAGE	A0062	£573.85
CONNODORE 64 COMPLETE MUSIC SYSTEM	A0063	£329.99
CONNODORE 64 COMPENDIUM PACK	A0064	£199.99
CONNODORE 1570 DISK DRIVE	L0026	£199.99
CONNODORE 1571 DISK DRIVE	L0027	£269.99
CONNODORE MPS803 PRINTER	P0017	£169.99
CONNODORE 1900M GREEN MONITOR	M0004	£149.99
CONNODORE 1901 COLOUR MONITOR	M0005	£299.99
CONNODORE 1530/C2N CASSETTE RECORDER	A0065	£ 44.95
VIC 20 MODULATOR	B0029	£ 16.95
CONNODORE 64 POWER SUPPLY	A0067	£ 26.95

**STACK RS232 INTERFACE**

SUITABLE FOR VIC 20,CBM 64,CBM PLUS 4,CBM 128

The interface is a cartridge like device which plugs into the user port. It provides a standard D 25 connector for the serial device. The interface requires no software and is fully compatible with the CBM.

- FULLY COMPATIBLE with both CBM commands and RS232 standards.
- STANDARD CONNECTOR device supplies MALE D25 connector.
- FULL +/- 12volt operation.
- TRUE AND INVERTED SIGNALS handled by special select system.
- TRULY COMPREHENSIVE MANUAL with sample programs, circuits, lead formats, configuration tables and trouble shooting guide.
- ENABLES USE OF TYPEWRITERS, MODEMS, PRINTERS etc.
- CUSTOM LEAD service available for your device.

CAT.NO. A0012      £33.00

UNIVERSAL CENTRONICS INTERFACE

FOR VIC20, CBM16, PLUS 4, CBM64, CBM128

This interface connects to the serial printer/disk port. The computer is led to believe that it is connected to CBM1525 printer. The data and control codes from the computer are translated into those that the connected printer expects to see.

By correctly setting a bank of 8 switches within the interface the printer will be able to print ALL CBM SPECIAL GRAPHIC SYMBOLS and SCREEN PICTURES.

Clearly not all printers can do this (daisy wheels can't print CBM symbols) but most current models are catered for and all types will at least print normal characters and symbols.

Power is drawn from pin 18 of your Centronics printer normally but a C2N style cassette connector is provided if this is unavailable. NOTE on C16 and PLUS 4 a convertor from small round plug to C2N plug is required. See leads section of this catalogue.

- \* USES NO MEMORY
- \* 100% CBM COMPATIBLE
- \* COMPLETE + good documentation
- \* CBM GRAPHICS & PICS on most matrix printers

CAT.NO. A0036

£59.95

STACK CENTRONICS INTERFACE

Consisting of a round cable approximately 2m long with suitable connectors at each end for the CBM user port and a Centronics device together with a cassette or disk containing special printer software.

- \* COMPATIBLE with WORDCRAFT, SIMPLY WRITE, VIZAWRITE, EASYSRIPT etc and most popular spread sheets etc.
- \* EASY TO USE only 4 INSTRUCTIONS simple Basic sys commands give 4 functions simplified to effectively ON, OFF, RELOCATE, COPY.

ADVANTAGES:- cheap  
simple to use

DISADVANTAGES:- not compatible with all software

<u>VIC 20 VERSION</u>	(Tape)	CAT.NO. B0021	£19.00
	(Disk)	CAT.NO. B0026	£21.00
<u>CBM 64 VERSION</u>	(Tape)	CAT.NO. A0033	£24.00
	(Disk)	CAT.NO. A0043	£29.00

## C64 ACCESSORIES

	CAT.NO.	PRICE.
STACK LIGHTPEN + PAINTBOX + 10 GAMES	A0008	£28.00
PAINTBOX SOFTWARE ONLY (cassette)	A0010	£ 5.75
10 LIGHTPEN GAMES ONLY (cassette)	A0009	£ 5.75
COLOUR PAINTBOX SOFTWARE ONLY (TAPE)	A0037	£ 5.75
(DISK)	A0038	£ 7.75
BALLPOINT TRACKERBALL + DRAW SOFTWARE (TAPE)	A0019	£19.95
(DISK)	A0039	£19.95
BALLPOINT SOFTWARE ONLY (TAPE)	A0040	£ 5.75
(DISK)	A0041	£ 7.75
MS-2000 MOUSE GRAPHICS PACKAGE (TAPE)	A0058	£64.90
(DISK)	A0059	£68.40
BLITZ COMPILER	A0004	£15.00
4 SLOT SWITCHABLE MOTHERBOARD	A0011	£28.00
MODEM 4 SLOT MOTHERBOARD	A0042	£28.00
STACK RS232 INTERFACE	A0012	£33.00
INTERPOD RS232 AND IEEE INTERFACE	A0031	£59.95
STACK CENTRONICS INTERFACE (TAPE)	A0003	£24.00
(DISK)	A0043	£29.00
UNIVERSAL CENTRONIC INTERFACE	A0036	£59.95
RAM SPRINT CENTRONICS INTERFACE (64/128)	A0068	£29.95
STACK LIGHT RIFLE + 3 GAMES	A0013	£29.95
EXTRA RIFLE GAMES		
ESCAPE FROM ALCATRAZ	A0044	£ 5.75
RATS & CATS	A0045	£ 5.75
INDIAN ATTACK	A0046	£ 5.75
STARBASE DEFENCE	A0047	£ 5.75
CROW SHOOT	A0048	£ 5.75
CHEETAH RAT REMOTE JOYSTICK	A0069	£19.95
DATEX MOUSE (64/128) optical mouse Full colour graphics & text program inc. Pull down menu's, Icons Sprays, rollers etc very like AMX ART. 5.25" disk and cassette.	A0070	£49.95
GRAFPAD A4 GRAPHICS TABLET HI-RES colour software inc. 1280 x 1024 pixels trace/freehand draw. pixel accurate.	A0071	£59.50
EPROM PROGRAMMER (64/128)	A0072	£65.03

C64 TURBO CARTRIDGES  
(see elsewhere for cat no's)

FEATURE	TURBO.				
	10	20	30	40	50
Does not use any memory, Standard 38911 Bytes free.	Yes	Yes	Yes	Yes	Yes
Cartridge features always available No need to remove cartridge.	Yes	Yes	Yes	Yes	Yes
Loads and Saves From tape more than 10x normal	Yes	No	Yes	Yes	Yes
Loads more than 5 times faster from 1541 disk.	No	No	Yes	No	Yes
Tape alignment kit included	Yes	No	Yes	Yes	Yes
Basic Toolkit - aids programming.	Yes	No	Yes	Yes	Yes
8 preprogrammed function keys.	Yes	No	Yes	Yes	Yes
Centronica Printer Interface	Yes	No	No	Yes	Yes
16 different tape and disk commands.	Yes	No	Yes	Yes	Yes
File copy facility for tape and disk.	Yes	No	Yes	Yes	Yes
Conversion of CBM graphic and control codes into readable text.	Yes	No	No	Yes	Yes
Basic program listing page by page.	Yes	No	Yes	Yes	Yes
Reset Switch.	Yes	Yes	Yes	Yes	Yes
Relocated Machine Code Monitor.	No	Yes	No	Yes	Yes

COMMODORE COMPATIBLE CASSETTE

A high quality cassette recorder suitable for use with Commodore computers. Preset record and playback levels to be compatible with computer. The unit has a robust cream ABS body with brown "piano" control keys and features a tape counter, auto stop and a recording indicator. An adaptor to C16 and Plus 4 is included.

\* HIGH QUALITY CONSTRUCTION

\* AUTO STOP

\* RECORD INDICATOR

\* TAPE COUNTER

\* C16 & PLUS 4 ADAPTOR INCLUDED

CAT.NO. A0081      £22.50

CARTRIDGES FOR CBM 64

QUICK DISK +           CAT.NO. A0029           £19.95

A cartridge with FAST LOAD, SAVE, FORMAT, up to 5 X speed  
FAST BACKUP, FAST FILE COPIER, IMPROVED DOS COMMANDS (DOS 5.1)  
includes CENTRONICS software with graphics (cable req'd)  
RESET SWITCH (preserves tape buffer). NO MEMORY USED.

'FREEZE FRAME II   CAT.NO. A0030           £39.95

The ultimate tape or disk copier ..simply load..press button..  
select tape or disk..it does the rest. Handles TURBOS etc  
Reload independant of cartridge.

1541 EXPRESS           CAT.NO. A0050           £19.95

Speeded Disk LOAD/SAVE cartridge..loads EASYSRIPT, SUPERBASE  
and many more at 3 times normal speed. Totally transparent  
using 2 clips inside C64. Auto loads from Load "",8,1  
from shift run/stop key.

TURBO'S           see chart for features

TURBO 10	CAT.NO. A0051	£24.95
TURBO 20	CAT.NO. A0052	£24.95
TURBO 30	CAT.NO. A0053	£29.95
TURBO 40	CAT.NO. A0054	£34.95
TURBO 50	CAT.NO. A0055	£39.95

THE FINAL CARTRIDGE           A0056           £45.00

A new operating system for the 64 plugging into the cartridge port.

- \*DISK TURBO 6 times faster load 8 times faster save.
- \*TAPE TURBO 10 X faster load & save even files. uses normal commands.
- \*SCREEN DUMP full screen dump with 12 grey shades for colour pictures.  
NB. Centronics or CBM 801/803 serial.
- \*24K EXTRA RAM for basic programming made available from 64K in CBM64.
- \*BASIC 4.0 COMMANDS/BASIC TOOLKIT/PREPROGRAMMED FUNCTION KEYS/MONITOR
- \*RESET SWITCH default to monitor/old/hi-res print etc.
- \*FRAME FREEZING stops most programs to allow backup to tape/disk.  
packs the program. 4 to 6 times faster than dedicated freezers.  
Menu driven with options.
- \*TRAINING MODE kills sprite collision detection, gives more game lives.



## C64 CARTRIDGES CONTINUED

ARROW                   CAT.NO. A0001                   £16.00

- \* HIGH SPEED CASSETTE functions load/save/verify (7x normal)
- \* HIGH SPEED TAPE POSITIONING
- \* MACHINE CODE MONITOR (Superb CBM TIM type)
- \* HEXADECIMAL CALCULATOR/CONVERTOR

ARROW PLUS             CAT.NO. A0002                   £24.00

- \*ALL ARROW FEATURES
- \*COMPREHENSIVE 6502 ASSEMBLER
- \*SUPPLEMENTARY DISASSEMBLER (on tape)

HELP                    CAT.NO. A0006                   £19.00

- \*20 EXTRA BASIC COMMANDS
  - append, help, find, delete, genline, trace, single step,
  - end, renumber, variable dump, matrix dump, page list,
  - hex/dec, dec/hex, open-close-cmd, kill, free memory,
  - repeat, protect
- \*COMPREHENSIVE DISASSEMBLER & MONITOR
  - modify address, modify data, output to screen
  - output to printer, display C64 memory, display diak memory
  - increment address, decrement address, disassemble one command
  - continuous disassemble, slow scan, move, etc.
- \*DISK OPERATING SYSTEM SUPPORT
  - one key stroke commands for all functions.

SUPER HELP             CAT.NO. A0017                   £29.00

- \*ALL HELP FEATURES
- \*FULL SYMBOLIC 2 PASS ASSEMBLER
  - operate with 1541 disk drive, supports full 56 opcodes
  - labels, remark fields,pseudo-opcodes:byte, word, text, disk,
  - end, load, equals.

REMEMBER YOU CAN ORDER BY PHONE USING ACCESS OR VISA CARDS

TEL:- 051 521 2202

C64 UTILITIES

TAPER	CAT.NO. A0022	£ 5.95
Backup software for normal load programs.		
FASTBACK	CAT.NO. A0023	£ 9.90
Turbo backup software for normal load programs.		
BIG MOUTH	CAT.NO. A0024	£ 7.95
Software speech synthesiser		
DISCO	CAT.NO. A0025	£ 9.90
Tape to disk transfer software for normal load programs.		
ROCKET	CAT.NO. A0026	£ 7.95
Programming utility to allow your own fast load and saves.		
DISK DISECTOR	CAT.NO. A0027	£29.95
NIBBLER copier, fast file, fast format, scratch, unscratch rename, re-I.D., SECTOR/BAM manipulation etc. TRULY COMPREHENSIVE.		
DOUBLER	CAT.NO. A0028	£12.95
Hardware and software device for tape to tape copies inc. turbos.		
SLOWO	CAT.NO. A0020	£14.95
Hardware device to slow or stop programs...super for games.		
ROM CARRIER	CAT.NO. A0016	£12.00
Blank Cartridge to accommodate 2x4K Eproms		
PLASTIC CARTRIDGE CASE	CAT.NO. K0651	£ 1.00
A pair of snap shut plastics to enclose C64 cartridge.		

INTERPOD RS232 & IEEE INTERFACE

FOR VIC 20, CBM 64, CBM 128 (not cp/m)

INTERPOD connects to the printer/disk serial port of the computer and provides BOTH RS232 AND IEEE 488 interfaces to industry standards.

Power is provided by means of a special mains adaptor supplied complete.

INTERPOD is 100% software compatible since it emulates a CBM printer. Since the device does not use the cartridge port no memory is used.

- \* FULLY BI-DIRECTIONAL
- \* INDUSTRY STANDARD CONNECTORS
- \* TRANSPARENT TO USER
- \* 100% SOFTWARE COMPATIBLE (not CP/M on 128)

CAT.NO. A0031      £59.95

STACK 4 SLOT MOTHERBOARD

The MOTHERBOARD is a 4-goes-into-one adaptor for the CBM cartridge slot. It has several important design features for maximum flexibility in use.

\* **A UNIQUE SWITCHING SYSTEM**

for each of the slots controlling power and select lines ensuring control of even non-standard cartridges. Cartridges may be turned on or off without removal.

\* **COMPATIBLE CARTRIDGES**

compatible cartridges may be switched on together.

\* **A RUGGED CONSTRUCTION** using rigid quality materials it is easily fitted or removed it is cased on the underside for support and open topped for easy accommodation of the most irregular cartridges. Vertical cartridge mounts give **COMPACT** size and simplified access to cartridges.

<u>VIC 20 VERSION</u>	CAT.NO. B0005	£15.00
<u>CBM 64 VERSION</u>	CAT.NO. A0011	£28.00
<u>CBM 64 MODEM VERSION</u> (This configuration has the fourth slot horizontally mounted to accommodate a MODEM).	CAT.NO. A0042	£28.00

BLITZ COMPILER (DISK BASED)

Fully CBM 64 compatible compiler which produces programs which operate **MANY TIMES FASTER** than the normal basic interpreter on the CBM64.

The program enables a program written in Basic, or Basic and machine code to run at speeds approaching those achieved by good machine code authors.

The system translates Basic programs into a special P-code with very low run time overheads. This P-code is executed much more rapidly than the original program. Moreover large Basic programs become smaller and need less memory and disk space.

Operation is simple, just tell the compiler the name of the program to be compiled and it will compile it to disk and produce a cross-reference file to trace any execution errors in your program back to line numbers.

The compiler recognises extensions to Basic such as SIMONS BASIC and will permit **OVERLAYS** and **CHAINING** with passed variables.

Compiled programs cannot be **LISTED** and security can be easily achieved by incorporating a simple password routine so that any copies made will not run without the password.

**NOTE.** compiled programs run independently of the compiler.

CAT.NO. A0004      £15.00

STACK LIGHT PEN

The STACK LIGHT PEN is carefully designed to exactly match the performance of each different computer and is as accurate as that computer can be! The pen is able to instantly inform the computer where it is positioned on the screen of your T.V. or monitor.

A unique touch switch system is used to tell the computer that you are ready for it to respond thereby eliminating those frustrating accidental readings. The pen is attached to the computer by a specially designed coiled cable made specifically for Stack giving the lightest cable able to withstand an incredible number of bends and stretches in use. The highest quality materials are used throughout from the ultra fast light sensors to the durable injection moulded plastics and mirror chromed touch-contacts.

CBM VIC 20 Version

CAT NO. B0002

£28.00

Supplied complete with full colour FREE HAND DRAW software and 10 pen games.

Features include:- Freehand drawing with various nibs  
 Circle (draw circles about centre and point)  
 Rectangle (draw rectangle on diagonal points)  
 Line (draw line between points)  
 Fill (fill shapes with colour)  
 Invert (eg swap black for white)  
 Zoom (magnify area of picture for detail)  
 Lock (fix horizontal or vertical movement)  
 Get (pick up selected part of drawing)  
 Put (put down GOT piece of drawing)  
 Exchange (swap 2 drawing screens..animation)

also Save/Load pictures to disk or tape  
 Print pictures on suitable printer  
 Copy one screen to another or merge them together.  
 Label or title pictures with Text function etc.etc.

GAMES:-Othello (16th century board game)  
 Seek and Destroy (Battleships)  
 Simon (follow colour & sound sequences)  
 Life (form cell membranes and watch evolution)  
 GO (Oriental board strategy game)  
 Draughts (classic game,Kings,Forcing etc.)  
 Crossword Twister (Scrabble like crossword different each time)  
 Lost in Labyrinth (arcade style fun)  
 Concentration (well known memory card game of pairs)  
 Shuffler (rearrange shuffled numbers/shapes within grid)

A fully detailed manual instructs on use,programming and transfer to disk. sample program listings also included

PAINTBOX DRAWING SOFTWARE ONLY  
 (as detailed above) (tape) Cat.No.B0023 £ 5.75

10 LIGHTPEN GAMES  
 (as detailed above) (tape) Cat.No.B0024 £ 5.75

ORDER BY PHONE ON 051 521 2202 USING ACCESS OR VISA CARDS.

CBM 64/128 Version

CAT.NO. A0008

£28.00

Supplied complete with "PAINTBOX" FREE HAND DRAW software and 10 pen games.

Features include:- Freehand drawing with various nibs  
 Circle (draw circles about centre and point)  
 Rectangle (draw rectangle on diagonal points)  
 Line (draw line between points)  
 Fill (fill shapes with colour)  
 Invert (eg swap black for white)  
 Zoom (magnify area of picture for detail)  
 Lock (fix horizontal or vertical movement)  
 Get (pick up selected part of drawing)  
 Put (put down GOT piece of drawing)  
 Exchange (swap 2 drawing screens..animation)

also Save/Load pictures to disk or tape  
 Print pictures on suitable printer  
 Copy one screen to another or merge them together.  
 Label or title pictures with Text function etc.etc.

ARCHITECTURAL AND ELECTRONIC DESIGN SYSTEM INCLUDED FREE

GAMES:-Othello (16th century board game)  
 Seek and Destroy (Battleships)  
 Simon (follow colour & sound sequences)  
 Life (form cell membranes and watch evolution)  
 GO (Oriental board strategy game)  
 Draughts (classic game,Kings,Forcing etc.)  
 Crossword Twister (Scrabble like crossword different each time)  
 Lost in Labyrinth (arcade style fun)  
 Concentration (well known memory card game of pairs)  
 Shuffler (rearrange shuffled numbers/shapes within grid)

A fully detailed manual instructs on use,programming and transfer to disk.  
 sample program listings also included

#### COLOUR PAINTBOX

A version of the drawing software for CBM64/C128 is available in colour.  
 This system allows any 4 of the 16 colours available to be used at once.  
 The product is available on tape or 1541 disk.

COLOUR PAINTBOX (tape)	Cat.No.A0037	£ 5.75
(disk)	Cat.No.A0038	£ 7.75

MONO PAINTBOX including architectural & electronic designing (tape)	Cat.No.A0010	£ 5.75
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10 LIGHTPEN GAMES as detailed above.

ORDER BY PHONE ON 051 521 2202 USING VISA OR ACCESS CARDS.

BALLPOINT TRACKERBALL

(FOR C64 AND C128)

- \* OPTICAL TRACKER BALL
- \* BALLPOINT COLOUR DRAWING SOFTWARE
- \* FUNCTIONS AS JOYSTICK TOO

A superbly smooth optical trackerball system for the C64 AND C128 with a switch to change from ball to joystick mode. Ballpoint is 100% Machine Code Program in Multicolour mode giving two screens of 160 x 200 pixels. Disk or tape picture saving, Printer output, Icon manipulation and Zoom feature for extreme detail work.

- \* Over 20 Ball-selected commands
- \* Pick-up-and-move Feature
- \* Extra One-Key commands
- \* 16 colours-Use any 4 at once
- \* Accurate

BACKGROUND	GET	PLOT XOR
CIRCLE	LINE	PUT
CLEAR	LOCK X	QUADRILATERAL
COLOUR	LOCK Y	READ
COPY	MERGE	UNPLOT
EXCHANGE	NIB	WRITE
FILL	OUTPUT	ZOOM
	PLOT OR	ETC.

By selecting appropriate functions from the MENU it is a simple matter to create colourful detailed drawings using a combination of built in shapes and freehand motion. Pictures may be saved and loaded to disk or tape and output to printer (MPS801,1515,1525 or Epson).

(Tape) CAT No. A0019	£19.95
(Disk) CAT No. A0039	£19.95

**BALLPOINT SOFTWARE ONLY**

(Tape) CAT No. A0040	£ 5.75
(Disk) CAT No. A0041	£ 7.75

**NEEDMORE DISTRIBUTION**

28 FARRIERS WAY  
 NETHERTON  
 MERSEYSIDE  
 L30 4XL

TEL:- 051 521 2202

TELEX 628761 FOR NEEDMORE

C128 ACCESSORIES

UNIVERSAL CENTRONICS INTERFACE	A0036	£59.95
STACK RS232 INTERFACE	A0012	£33.00
INTERPOD RS232 AND IEEE INTERFACE (not CP/M)	A0031	£59.95
CBM COMPATIBLE CASSETTE RECORDER	A0081	£22.50
MS-2000 MOUSE GRAPHICS SYSTEM		
(TAPE)	A0058	£64.90
(DISK)	A0059	£68.40
LIGHT PEN +DRAW SOFTWARE +10 GAMES	A0008	£28.00
LIGHT RIFLE + 3 GAMES	A0013	£29.95
BALLPOINT TRACKERBALL + DRAW SOFTWARE	A0019	£19.95
4 SLOT SWITCHABLE MOTHERBOARD	A0011	£28.00
MODEM VERSION 4 SLOT	A0042	£28.00
SLOMO (slows or stops program speed)	A0020	£14.95
COLOUR PAINTBOX (colour lightpen software)		
(TAPE)	A0037	£ 5.75
(DISK)	A0038	£ 7.75
PAINTBOX (lightpen software)		
(TAPE)	A0010	£ 5.75
(DISK)	A0049	£ 7.75
BALLPOINT (tracker ball software)		
(TAPE)	A0040	£ 5.75
(DISK)	A0041	£ 7.75
MONITOR LEAD FOR 1701 IN 40/80 COL (MONO)	K0119	£14.95
MONITOR LEAD FOR 1701/1702 in 80 COL (MONO)	K0210	£ 9.95
VIDCON 2 40/80 COL COLOUR on 1701/1702	A0076	£49.95
VIDCON 3 40/80 COL MONO ON T.V. (inc sound)	A0077	£34.95
USER PORT CONNECTOR	K0505	£ 2.59
USER PORT CONNECTOR HOOD	K0506	£ 1.50
MEMORY PORT CONNECTOR	K0504	£ 3.25
PLASTIC CARTRIDGE CASE	K0651	£ 1.00
JOYSTICK PORT CONNECTOR	K0160	£ 1.04
VIDEO PORT PLUG	K0150	£ 1.04
RS232/IEEE/CENTRONICS LEADS (see leads section)		
DUSTCOVERS (see dustcover section)		
CONSUMABLES (see ribbons, paper, diskettes)		

MS-2000 MOUSE

(FOR C64 OR C128) MSX VERSION AVAILABLE

The MS-2000 is a sleek and smooth mouse for use with the C64 and C128 computers for the generation of superb graphic images. The software is ICON driven and uses a series of pull down menus. The software is supplied on cassette as standard with a disk an optional extra.

## COMMANDS INCLUDE:-

Border colour	Clear
Cursor colour	Scroll/Pan
Line colour	Reverse
Line thickness	Undo command
Mirror Image	Tile Pattern (32 options)
Load	Function Select
Save	Line
Print (MPS801/MPS803/1525)	Freehand
Spray (colours & tile patterns)	Dotted Freehand
Canvas colour	Rectangle
Zoom	Box
Palette	Circle
Paint	etc.

The MS-2000 is a high quality mouse with a rubber coated ball which is quiet and will not lose accuracy by slipping. The hardware incorporates an optical coding technique giving 100 points per inch. It is accurate reliable and repeatable.

CBM (Cassette)	CAT.No. A0058	£64.90	
CBM (Diskette)	CAT.No. A0059	£68.40	
MSX (Cassette)	CAT.No. F0027	£69.90	
MSX (ROM LOAD)	CAT.No. F0028	£19.90	(not including mouse)

ORDER BY TELEPHONE USING ACCESS OR VISA CARDS

TEL:- 051 521 2202

WHY NOT REQUEST AN EXTRA FREE CATALOGUE FOR YOUR FRIEND

\*\*\* SEE OUR AMAZING DISK PRICES ON PAGE 35 \*\*\*

\*\*\* AND LOCKABLE STORAGE BOXES ON PAGE 38 \*\*\*

REMEMBER IF IN DOUBT H0019 DISKS FIT ALMOST ALL HOME COMPUTERS

HAVE YOU TRIED NOTCHING?...SEE PAGE 38



PLUS 4 ACCESSORIES  
(see elsewhere for detail)

	CAT.NO.	PRICE.
UNIVERSAL CENTRONICS INTERFACE	A0036	£59.95
STACK RS232 INTERFACE	A0012	£33.00
JOYSTICK ADAPTOR (to normal connector)	K0117	£ 3.75
LIGHTPEN + SOFTWARE	A0080	£19.95
CASSETTE ADAPTOR (to normal connector)	K0118	£ 3.75
USER PORT CONNECTOR	K0505	£ 2.59
USER PORT CONNECTOR HOOD	K0506	£ 1.50
DUSTCOVERS (see dustcover section)		
DISK/PRINTER LEAD	K0116	£ 4.75
RS232 LEADS (see leads section)		
CONSUMABLES (ribbons, paper, diskettes etc)		

C16 ACCESSORIES  
(see elsewhere for detail)

	CAT.NO.	PRICE.
UNIVERSAL CENTRONICS INTERFACE	A0036	£59.95
16K RAMPACK (cartridge giving extra memory)	A0066	£29.95
JOYSTICK ADAPTOR (converts to normal connector)	K0117	£ 3.75
CASSETTE ADAPTOR (converts to normal connector)	K0118	£ 3.75
DISK/PRINTER LEAD (see leads section)	K0116	£ 4.75
DUSTCOVERS (see dustcover section)		
RS232/IEEE/CENTRONICS LEADS (see leads section)		
CONSUMABLES (ribbons, paper, diskettes)		

ORDER BY PHONE ON 051 521 2202 USING VISA OR ACCESS CARDS  
TECHNICAL DETAILS AVAILABLE FOR MOST PRODUCTS ON REQUEST

VIC 20 ACCESSORIES  
(see elsewhere for detail)

	CAT.NO.	PRICE.
4 SLOT MOTHERBOARD switchable	B0005	£15.00
LIGHT PEN + DRAW + 10 GAMES	B0002	£28.00
PAINTBOX LIGHTPEN DRAW SOFTWARE	B0023	£ 5.75
10 LIGHTPEN GAMES ON CASSETTE	B0024	£ 5.75
STACK LIGHT RIFLE + 3 GAMES	B0007	£29.95
CENTRONICS INTERFACE (STACK tape)	B0021	£19.00
CENTRONICS INTERFACE (STACK disk)	B0026	£21.00
CENTRONICS INTERFACE UNIVERSAL	A0036	£59.95
INTERPOD RS232 & IEEE INTERFACE	A0031	£59.95
STACK RS232 INTERFACE	B0022	£33.00

STACK IEEE-488 CARTRIDGE B0001 £18.00

An economic and efficient cartridge.  
providing IEEE connection as used on  
PET computers and supporting all CBM  
commands. Tested with all CBM devices.

VICKIT CARTRIDGES AND EPROMS

VICKIT 1

Adds 9 new commands to Basic: uses no memory.  
HELP, AUTO, TRACE, FIND, DELETE, DUMP, OFF, RENUMBER  
STEP. Take the hard work out of programming

CAT.NO. B0011 Eprom only £ 6.50

VICKIT 2

Adds 21 new commands to Basic includes all VICKIT 1 and  
12 new GRAPHICS COMMANDS..Circle, Line, Plot, Font etc.

CAT.NO. B0016 Cartridge £12.50

CAT.NO. B0012 Eprom £ 6.50

VICKIT 3

Has 20 superb SPECIALIST GRAPHICS commands

CAT.NO. B0017 Cartridge £12.50

CAT.NO. B0013 Eprom £ 6.50

VICKIT 4

High speed cassette functions (7xNormal)+MACHINE CODE MONITOR  
MACHINE CODE TOOLKIT and High speed tape positioner.

CAT.NO. B0018 Cartridge £12.50

CAT.NO. B0014 Eprom £ 6.50

VICKIT 5 (only useable with vickit 4)

6502 ASSEMBLER utility

CAT.NO. B0019 Cartridge £12.50

CAT.NO. B0015 Eprom £ 6.50

## VIC 20 ACCESSORIES CONTINUED

RAM 'N ROM CARRIER

Takes 2 VICKIT EPROMS or other 4K eproms  
and 2 x 6116 RAMS to give 3K in hi-res screen area  
Cased and fully documented.

CAT.NO. B0006 £12.00

MULTI ROM CARRIER (Rom switchboard)

Takes 4 VICKIT EPROMS or other 4K eproms and pages them in or out  
entirely under software control. Cased and fully documented.

CAT.NO. B0008 £16.00

VICKIT 4 & 5 COMBINED

A single cartridge combining the features of VICKITS 4 & 5  
to provide HIGH SPEED CASSETTE OPERATIONS, MACHINE CODE MONITOR,  
TEXT EDITOR, AND ASSEMBLER

CAT.NO. B0020 £21.00

SUPERCHARGER +

A single cartridge combining the features of VICKITS 1 & 3  
together with 3K RAM giving extensive programming aids and superb  
HIGH RESOLUTION GRAPHICS operation including the extra memory needed.

CAT.NO. B0010 £24.00

PLASTIC CARTRIDGE CASES

A pair of snap/screw closed plastic cartridge covers.

CAT.NO. K0652 £ 1.00

16K/3K SWITCHABLE RAM PACK (including off position)

Note all 8K games work in 16K mode.

CAT.NO. B0027 £34.95

32K/16K/3K SWITCHABLE RAM PACK (including off position)

Note all 8K games work in 16K mode.

CAT.No. B0028 £49.95

ORDER BY TELEPHONE ON 051 521 2202 USING VISA OR ACCESS CARDS

REMEMBER ON MOST ITEMS POSTAGE IS FREE FOR ORDERS OVER £10.00

(SEE TERMS ON PAGE 3)

JOYSTICKS

ZAP-PROOF	F0002	£ 7.95
<p>A conventional design of ATARI style switch joysticks, suitable for most computers having 9 pin ports. Two fire buttons are provided together with detachable sucker feet.</p>		
C16/PLUS 4 CONVERTOR	K0117	£ 3.75
<p>This connector adapts the small round joystick socket on these computers to the normal 9 pin system used on most joysticks.</p>		
REVS SPECIAL ANALOG	A0032	£12.95
<p>A specially designed analog joystick with a selector switch which in one position is tailored for the FIREBIRD REVS GAME and in the other position reverts to the normal CBM analog joystick configuration.</p>		
DATEX MICRO-PHASER	A0073	£15.95
<p>A Superb STEEL SHAFTED joystick with replaceable arcade style microswitches. Three fire buttons (suitable for left &amp; right handed players). Built in Autofire, LED fire indicator, 8 way direction control, pistol grip handle. Large rubber suction feet.</p>		
KONIX SPEEDKING	A0074	£12.95
<p>Special shape for comfortable hand holding. Short sports car gear lever type shaft. Microswitch mechanisms with 10 MILLION actions life expectancy in each direction.</p>		
SPECTRAVIDEO QUICKSHOT MKIIS	A0075	£ 9.95
<p>Helicopter style grip with fire button on top. Suction feet for added stability. Autofire mode. 6 MILLION SOLD WORLDWIDE.</p>		
VOLTACE BBC JOYSTICK	C0030	£12.00
<p>Slimline construction with precision radio control style mechanism and 3 fire buttons.</p>		
VOLTACE BBC JOYSTICK PAIR	C0031	£19.95
CHEETAH RAT FOR CBM 64	A0069	£19.95
<p>Infra red remote control joystick with rocking plate mechanism</p>		
CHEETAH RAT FOR SPECTRUM	E0032	£19.95
KEMPSTON BBC PRO JOYSTICK	C0033	£19.95
ATARI 2600 JOYSTICK	D0021	£12.95
SHADO BBC JOYSTICK	C0034	£12.00
SHADO BBC JOYSTICK PAIR	C0035	£19.95
MERCURY MOONRAKER JOYSTICK	A0080	£ 6.95

LEADS AND CONNECTORS

	CAT.NO	PRICE.
Male/Male RS232 Lead	K0101	£15.00
Female/Male RS232 Lead	K0100	£15.00
Female/female RS232 Lead	K0102	£15.00
User port/Centronics Lead	K0112	£18.00
Centronics/Centronics Lead	K0113	£18.00
IEEE 488/IEEE 488 Lead	K0114	£18.00
PET Edge/IEEE 488 Lead	K0115	£18.00
CBM Disk/Printer Lead	K0116	£ 4.75
C16/PLUS 4 Joystick adaptor lead	K0117	£ 3.75
C16/PLUS 4 Cassette adaptor lead	K0118	£ 3.75
C128 to 1701 MONITOR (40/80 col) lead	K0119	£14.95
D25 male RS232 connector	K0152	£ 1.25
D25 female RS232 connector	K0162	£ 1.50
D15 male connector	K0151	£ 1.25
D15 female connector	K0161	£ 1.50
D9 male connector	K0150	£ 1.04
D9 female connector	K0160	£ 1.04
Centronics male IDC connector	K0500	£ 2.75
VIC 20 Memory port connector	K0507	£ 2.59
C64/128 Memory port connector	K0504	£ 3.25
Spectrum memory port connector (2x22 way)	K0503	£ 1.00
CBM User port 12 way connector	K0505	£ 2.59
D25 connector cover	K0172	£ 1.25
D15 connector cover	K0171	£ 1.50
D9 connector cover	K0170	£ 1.50
CBM User port cover	K0506	£ 1.50
Spectrum port cover	K0506	£ 1.50
Centronics cover	K0508	£ 1.00

## BBC CABLES

Parallel (centronics) printer cable (1.2M)	K0173	£ 9.90
Cassette cable (7pin to 3 jacks)	K0174	£ 2.55
Cassette cable (7pin to 5pin+jack)	K0175	£ 2.55
User-port connector on 2M 34 way ribbon cable	K0176	£ 4.75
RS232 Serial printer cable (5 pin to D25)	K0177	£ 9.50
Disk drive data cable	K0178	£ 9.50
Disk drive power cable	K0179	£ 3.10
Double disk drive power cable	K0180	£ 4.65

## AMSTRAD CABLES

Parallel (centronics) printer cable 1.2M	K0181	£10.75
Cassette lead	K0182	£ 2.55
Extension kit (2 power & 1 monitor ext. 1.0M.)	K0183	£ 8.55
2nd. disk lead	K0184	£ 7.99
User port 1 female to 2 males for 2 peripherals	K0185	£15.80

## CABLES CONTINUED

## SPECTRUM CABLES

RS232 printer cable to interface 1 (1.2M)	K0186	£ 9.50
Microdrive to interface 1 extender cable 35cm.	K0187	£ 6.05
Flexible user port extender cable 1F to 2M	K0188	£12.50
Flexible user port extender cable 1F to 3M	K0189	£15.50
Wafadrive to centronics printer cable	K0190	£10.35
Wafadrive to RS232 printer cable	K0191	£ 8.25

## QL CABLES

Data lead from QL to spectrum interface 1	K0192	£ 8.50
RS232 printer cable as above	K0193	£ 8.00
QL Joystick adaptor cable (for Atari type)	K0194	£ 6.00
RS232 connector (right hand type)	K0195	£ 3.60

## ATARI 260,520ST CABLES

Lead to Fidelity CTM14 monitor (scart plug)	K0196	£ 9.98
Lead to Orion monitor + sound (Eiaj + phono)	K0197	£14.00
Lead to Amstrad monitor (6 pin Din socket)	K0198	£ 9.05
Lead to Sony KX14 monitor (scart plug)	K0199	£ 9.98
Lead to Philips 8533 monitor (scart plug)	K0200	£ 9.98
Modem/RS232 cable D25 male to D25 female	K0201	£12.75
Centronics cable D25 male to Centronics plug	K0202	£12.75

## ATARI 600,800XL,130XE CABLES

Mono monitor lead (5 pin Din to phono)	K0203	£ 3.20
Colour monitor lead (5 pin Din to 2 x phono)	K0204	£ 4.31
Colour monitor lead (5 pin to 6 pin Din + phono)	K0205	£ 3.45
Colour monitor lead (5 pin Din to scart)	K0206	£ 3.96
850 Interface module D15 to centronics	K0207	£11.02

## CBM (PET) 4000/8000 SERIES INTERFACES

IEEE 488 to CENTRONICS INTERFACE specify PET edge connector or disk connector.	K0208	£80.44
IEEE 488 to RS232 INTERFACE specify PET edge or disk and D25Male or D25 female connectors.	K0209	£91.94

TECHNICAL SPECIFICATIONS AVAILABLE ON REQUEST

ORDER BY PHONE ON 051 521 2202 USING VISA OR ACCESS CARDS

SEE PAGE 35 FOR AMAZING DISK PRICES

AMSTRAD ACCESSORIES

	CAT.NO.	PRICE.
CUMANA 3" 40T. SINGLE SIDED DISK DRIVE COMPATIBLE WITH CPC464,664,6128 (AS 2ND.DRIVE)	L0023	£89.90
SPEEDMASTER Software to produce variable baud saves of normal baud loading software.	F0004	£ 7.95
DOUBLER Backup device, includes leads for normal cassette recorder.	F0003	£16.95
8 BIT PRINTER PORT (464,664,6128) Allows 8 bit printers to operate to full potential on the 7 bit Amstrad. Sends all 256 codes to printer via 8 command.	F0005	£19.55
PARALLEL PORT Twin 8 bit ports control Printers Robots etc. Output/Input or Bi-directional options.	F0006	£25.30
"T" SWITCH Connect 2 printers to your Amstrad, software and manual change over.	F0007	£25.30
SIDEWAYS ROM Facilities for 4 Roms (if utility rom removed) accepts 27 series roms 2,4,8,16k any speed	F0008	£29.90
POWER CONTROLER Featuring 8 single pole switching relays can handle 5 amps AC/DC up to 240V AC.	F0009	£50.60
RS232 & CENTRONICS INTERFACE BAR command or menu driven, Prestel software included. Variable Baud rates, handshaking, through connector. RS232 incoming data can be redirected to Centronics port. ASCII screen copy in all modes.	F0010	£60.95
SILICON DISK (464/664) 256k capacity, can be drive A or B FAST 16K rom operating system.	F0011	£99.95
DK LIGHT PEN (cassette version) Full painting and drawing package included many advanced features, scale,fill,colour etc.	F0012	£24.95
DK LIGHT PEN (rom version) as above but rom based.	F0013	£29.95

TEL:- 051 521 2202

AMSTRAD CONTINUED

AMSTRAD ELECTRIC STUDIO LIGHT PEN

Full on screen menu, full screen workspace  
simple icon symbols.

6128	DISK VERSION	F0014	£29.95
464/664	CASSETTE VERSION	F0015	£19.95
464/664	DISK VERSION	F0016	£29.95
ELECTRIC STUDIO LIGHT PEN FOR PCW8256/8512		F0017	£79.95
3" disk art creation facility 3D polygons 55 textures, 2 colour zoom 1 pixel accuracy full printing/saving/loading features inc.			
256K MEMORY EXPANSION		F0018	£99.95
Expands the 464/664 memory to 320K with RSX bank switching software. Silicon disk compat.			
SPEECH SYNTHESISER		F0019	£39.95
synthesiser + stereo amplifier + TWO 4" spkrs. through connector. Infinite (allophone) vocab.			
MAXAM (Assembler*Monitor*Editor) 464/664/6128		F0020	£49.95
ROM cartridge assembler/disassembler/hex dump move/relocate/compare/search/debug etc.			
UTOPIA (Utilities Rom) 464/664/6128		F0021	£29.95
Format/copy/delete/dump any file to screen. Type/list/disk edit/save/access etc.			
AMX MOUSE (all CPC machines cass. & Disk)		F0022	£69.95
includes AMX ART and AMX CONTROL.			
AMX UTILITIES (3" DISK)		F0023	£19.95
Extra print facilities & cutouts.			
AMX PAGEMAKER (3" DISK)		F0024	£49.95
Creates posters, catalogues, newsheets, leaflets.			
GRAFPAD II (464/664/6128)			
A4 size GRAPHICS TABLET 1280 x 1024 pixels Tracing/freehand drawing, pixel accurate.			
	CASSETTE VERSION	F0025	£69.00
	DISK VERSION	F0026	£75.50
DUSTCOVERS (see dustcover section)			
CABLES (see leads and connectors section)			
CONSUMABLES (see ribbons, paper, diskettes)			

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WHY NOT REQUEST AN EXTRA CATALOGUE FOR YOUR FRIEND?



## ATARI COMPUTERS

** 16 BIT SYSTEMS **	CAT.NO.	PRICE.
520ST 512K ram + TOS/GEM on Rom + 500k 3.5" disk and mono monitor.	D0001	£749.00
520ST 512K ram + TOS/GEM on Rom + 1Mb 3.5" disk and mono monitor.	D0002	£799.00
520ST 512K ram + TOS/GEM on Rom + 500k 3.5" disk and colour monitor.	D0003	£959.00
520ST 512K ram + TOS/GEM on ROM + 1Mb 3.5" disk and colour monitor.	D0004	£999.99
<b>** 8 BIT SYSTEMS ***</b>		
130XE COMPUTER + software	D0005	£129.95
130XE + XC11 RECORDER + CX40 JOYSTICK + software	D0006	£169.00
130XE + 1050 DISK+ software	D0007	£269.00
130XE + 1050 + 1027 printer + wordprocessor etc.	D0008	£349.00
<b>*** ST PERIPHERALS ***</b>		
500K ST DISK DRIVE 3.5"	L0024	£149.50
1MB ST DISK DRIVE 3.5"	L0025	£199.95
12" HIGH RES ST MONOCHROME MONITOR	M0001	£149.50
14" MEDIUM RES ST COLOUR MONITOR	M0002	£399.05
14" LOW RES ST COLOUR MONITOR	M0003	£299.00
HIPPO EPROM BURNER	D0011	£139.95
HIPPO SOUND DIGITIZER	D0012	£139.95
CENTRONICS PRINTER CABLE	K0202	£ 19.95
MONITOR CABLE (ST to SCART)	K0196	£ 19.95
RS232 CABLE (ST to MODEM)	K0201	£ 19.95

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MEEDMORE LTD.  
28 FARRIERS WAY  
NETHERTON  
MERSEYSIDE  
L30 4XL

## ATARI CONTINUED

## \*\*\* ATARI XL/XLE PERIPHERALS \*\*\*

XC11 PROGRAM RECORDER	D0013	£ 34.50
1020 FOUR COLOUR PRINTER	P0018	£103.50
1027 LETTER QUALITY PRINTER	P0019	£129.95
1029 DOT MATRIX PRINTER	P0020	£129.95
1050 DISK DRIVE (dos 2.5 & dos 3 inc.)	L0028	£129.95
TOUCH TABLET & CARTRIDGE	D0018	£ 29.95
TRAK BALL-ROLLER CONTROLLER	D0019	£ 9.95
16K RAM MODULE FOR ATARI 800	D0020	£ 29.95
ATARI 2600 JOYSTICK	D0021	£ 12.95
DUSTCOVERS (See Dustcover section)		
LEADS & CONNECTORS (see Leads section)		
CONSUMABLES (See Ribbons, Disks, Paper etc)		

## \*\*\*\*\* DESKS \*\*\*\*\*

RING US ON 051 521 2202 AND ASK ABOUT COMPUTER DESKS ONLY £34.00  
 THESE ARE A NEW RANGE OF SELF ASSEMBLY TEAK FINISHED WOODEN UNITS  
 ATTRACTIVE SOLID PIECES OF FURNITURE IN A RANGE OF STYLES  
 ALL UNITS FEATURE STANDARD WORKING HEIGHTS AND SPACE FOR CABLES  
 BASED ON A COMPUTER+TV/MONITOR+CASSETTE+2 DISKS+PRINTER REQUIREMENT  
 DELIVERED BY CARRIER FLAT PACKED NEEDS ONLY A SCREWDRIVER TO ASSEMBLE

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TEL:- 051 521 2202

TELEX 628761 FOR MEEDMORE

ACCESS AND VISA CARDS WELCOME

STACK LIGHT PEN

The STACK LIGHT PEN is carefully designed to exactly match the performance of each different computer and is as accurate as that computer can be! The pen is able to instantly inform the computer where it is positioned on the screen of your T.V. or monitor.

A unique touch switch system is used to tell the computer that you are ready for it to respond thereby eliminating those frustrating accidental readings.

The pen is attached to the computer by a specially designed coiled cable made specifically for Stack giving the lightest cable able to withstand an incredible number of bends and stretches in use.

The highest quality materials are used throughout from the ultra fast light sensors to the durable injection moulded plastics and mirror chromed touch-contacts.

BBCB OS1.2 (or later) Version                      CAT.NO. C0002                      £28.00

Complete with Colour "LITEWRITER" FREE HAND DRAW software and 10 GAMES.

Features include:- Freehand drawing with various nibs and colours  
 Circle (draw circles about centre and point)  
 Rectangle (draw rectangle on diagonal points)  
 Line (draw line between points)  
 Triangle (draw triangle on 3 points)  
 Fill (fill shapes with colour)  
 Brush (selection of airbrush spray effects)

also Save/Load pictures to disk or tape  
 Print pictures on suitable printer  
 Label or title pictures with Text function etc.etc.etc.

GAMES:-Othello (16th century board game)  
 Seek and Destroy (Battleships)  
 Simon (follow colour & sound sequences)  
 Life (form cell membranes and watch evolution)  
 GO (Oriental board strategy game)  
 Draughts (classic game,Kings,Forcing etc.)  
 Crossword Twister (Scrabble like crossword different each time)  
 Lost in Labyrinth (arcade style fun)  
 Concentration (well known memory card game of pairs)  
 Shuffler (rearrange shuffled numbers/shapes within grid)

A fully detailed manual instructs on use,programming and transfer to disk sample program listings also included

LITEWRITER DRAW SOFTWARE & 10 GAMES  
 (composite on 1 cassette)                      CAT.NO.C0003                      £ 5.75

SEE PAGE 35 FOR CRAZY DISK PRICES

BBC B ACCESSORIESBALLPOINT

TRACKER BALL &amp; COLOUR DRAW SOFTWARE + XWORD GAME

USEABLE AS JOYSTICK

A potentiometric trackerball with fire buttons and BBC connector which with BALLPOINT colour software is a fascinating easy to use graphics tool. Supplied on cassette transferable to disk.

	CAT.NO. C0007	£19.95
BALLPOINT SOFTWARE ONLY (cassette transferable to disk)	C0012	£ 5.75
GRAPHIX-ED Colour graphics generator cassette.	C0001	£ 2.50
STACK LIGHTPEN + LITEWRITER + 10 GAMES	C0002	£28.00
LITEWRITER+10 GAMES (software only)	C0003	£ 5.75
STACK LIGHT RIFLE + 3 GAMES	C0005	£29.95
STACK LIGHT PISTOL + 3 GAMES	C0004	£19.05
SLOMO (slows or stops program speed)	C0008	£14.95
AMX MOUSE & AMX ROM & ART	C0014	£69.95
AMX MOUSE & SUPERART ROM	C0015	£89.95
AMX SUPERART ROM only	C0016	£49.95
AMX PAGEMAKER	C0017	£49.95
The following require AMX ROM or SUPER ROM		
AMX 3D ZICON	C0018	£24.95
AMX DATABASE	C0019	£24.95
AMX XAM	C0020	£24.95
AMX DESK	C0021	£24.95
AMX UTILITIES	C0022	£14.95
AMX PAINTPOT	C0023	£14.95
NIDD VALLEY MICE BBC A,B,MASTER COMPATIBLE		
DIGIMOUSE AMX compatible optical mouse also Megamouse compatible.	C0024	£34.95
ANAMOUSE Bitstick compatible analogue mouse. also AMX compatible as *DEVICE 2	C0025	£34.95

## BBC ACCESSORIES CONTINUED

WIGMORE CADMOUSE (AMX/MEGAMOUSE/DIGIMOUSE use) Disk based advanced drawing and design modes 0 & 1	C0026	£29.90
WIGMORE THE ARTIST (AMX/MEGAMOUSE/DIGIMOUSE use) Advanced & dramatic colour package Mode 2-8.	C0027	£55.20
WIGMORE MEGAMOUSE (100 point optical mouse) AMX compatible high quality mouse.	C0028	£68.90
GRAFPAD II A4 GRAPHICS TABLET HI-RES colour Icon software inc. 1280 x 1024 pixels Trace/freehand draw pixel accurate.	C0029	£59.50
VOLTMACE JOYSTICK (single)	C0030	£12.00
VOLTMACE JOYSTICK (pair)	C0031	£19.95
SPECTAVIDEO QUICKSHOT I	C0032	£ 9.95
KEMPSTON PRO JOYSTICK	C0033	£19.95
SHADO JOYSTICK (single)	C0034	£12.00
SHADO JOYSTICK (pair)	C0035	£19.95
SHADO BBC COMPATIBLE CASSETTE RECORDER	C0036	£29.95
ANALOGUE PORT CONNECTOR (D15)	K0151	£ 1.30
ANALOGUE PORT CONNECTOR HOOD	K0171	£ 1.75
DUSTCOVERS (see dustcover section)		
CONSUMABLES (see ribbons, paper, diskettes)		

## ELECTRON

WHISKER MOUSE AND PAINTING SOFTWARE FOR ELECTON (Needs PLUS 1 interface).	C0039	£49.95
--	-------	--------

## \*\*\* UNIQUE THUMBWHEEL SELECTION OF COLOUR/SPEED/BRUSH

Features include:- Freehand drawing with various nibs and colours  
 Circle (draw circles about centre and point)  
 Rectangle (draw rectangle on diagonal points)  
 Line (draw triangle on 3 points)  
 Fill (fill shapes with colour)  
 Brush (select various brush effects)  
 Text (label drawings)  
 Load/Save (pictures to cassette (or suitable disk)  
 Speed (adjust speed of response of mouse)

FIRST BYTE ELECTRON JOYSTICK I/F	C0037	£19.95
RAM COMMANDER 3 ELECTRON JOYSTICK I/F	C0038	£17.95

DISK DRIVES & DFS

## PACE:- (WITHOUT POWER)

PSD1	100K	40T.	Single Sided	CAT.NO.	L0001	£112.95
PSD3	400K	40/80T.	Double Sided	CAT.NO.	L0002	£155.95
PDD1	2x100K	40T.	Single Sided	CAT.NO.	L0003	£222.95
PDD2	2x400k	40/80T.	Double Sided	CAT.NO.	L0004	£293.95

## PACE:- (WITH POWER)

PDS1P	100K	40T.	Single Sided	CAT.NO.	L0005	£112.95
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IDS PAPER TIGER 460	J0116	£6.00
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ACT WRITER 20 NLQ	G0383
ACT WRITER 30	G0205
ACT WRITER 30	G0567MS
ACT APRICOT 8510A	G0330
ACT APRICOTWRITER 15	G0453
AMSTRAD PR-10 & DMP1	G0236
ANADEX DP8000/DP9000	G0075
ANADEX DP9000B/DP9500/DP9500A/DP9500B	G0262
ANADEX DP9501/DP9501B/DP9600/DP9620B	G0262
ANADEX DP9625/DP9625A/MP6000/Silentscribe	G0262
APPLE DMP(Imagewriter)	G0330
APPLE DWP	G0343
APPLE DWP/LQP	G0664MS
BROTHER HR5	G0676TH
BROTHER EP41/EP44	G0678TH
BROTHER HR1	G0561SS
BROTHER HR10/HR15/HR25/HR35	G0696
BROTHER M1009	G0412
CANNON PW1080A	G0223
CENTRONICS 150/152	G0328
CENTRONICS ZIP PACK	G0234
COMMODORE:-	
1516/1521/1526/4023	G0385/G0698MS
6400	G0205/G0567MS
3022/3023	G0066
8003P	G0205/G0682MS
8026/8027/8032	G0299/G0571SS
8028	G0569M
1515/1525	G0317
MPS801	G0236
MPS802	G0698MS
MPS803	G0412
8023P	G0328
2022/4022	G0273
DAISYSTEP 2000	G0343/G0664MS
DECWRITER LA120/180	G0062
DIABLO HYTYPE II	G0205/G0567MS
DOLPHIN BD80P	G0066
DRE 8000 series	G0316
EPSON:-	
FT80/FX80/MX70/MX80/MX82/RX80	G0273
DX100	G0224/G0696MS
FX100/MX100/RX100/MX100-III	G0320
LX80	G0454
LQ1500	G0409
TX80	G0066
FACIT 4560/6510/7900/8000 series	G0660MS
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JUKI 6100	G0562MS
JUKI 6300	G0205/G0567MS
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MANNESMAN TALLY MT100/110/120/160/261	G0351
MICROLINE 80/82/82A/83/83A/84x5/84/92/93	G0066
NEC 5000 SERIES & SPINWRITER	G0259/G0576MS
OLIVETTI ET121/201/221/225/231/351/1010WP	G0347/G0572SS
OLYMPIA ESW3000	G0411/G0690MS
QUENDATA 1120DW	G0343/G0664MS
QUENDATA DMP81	G0093
QUENDATA DP80/DP100	G0698MS
QUME SPRINT 7/9/10/11/11+/14	G0343/G0664MS
QUME SPRINT 3/5/12/20/QUICKLOAD	G0665MS
RICOH 1600/RP1600/1600Q	G0314/G0666MS
SEIKOSHA GP80	G0378
SEIKOSHA GP100/100A/GP250X	G0317
SEIKOSHA GP500A/550A/55050	G0236
TANDY TRS 80 LP-I/LP-II/LP-IV	G0292
TELETYPE 43	G0241
TEXAS 800/810/855	G0051
WORDPLEX 1/2/7	G0204/G0570MS
XEROX 630/820-II/900/1700/1720/1740/1750/823	G0205

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G0055	Burroughs 9245	£27.83
G0056	IBM 34/5211 printer	£ 6.03
G0057	Mannesman M80/77/WANG	£ 1.23
G0058	MDS 2443	£14.63
G0059	DP3221/4110/Wang 2000	£ 3.21
G0060	Printronix 150/600/ BLACK	£ 6.83
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G0062	Digital Decwriter LA180	£ 3.73
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G0067	Victor IPM130/Weyfringe	£ 1.40
G0068	Lear Siegler	£ 1.23
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G0071	IBM 5225	£27.01
G0072	Nixdorf 4584/4585/8820	£ 2.96
G0072MS	Nixdorf 4584/4585/8820 Multistrike	£ 3.24
G0073	IBM 1443/Philips 150	£ 2.96
G0073MS	IBM 1443/Philips 150 Multistrike	£ 3.24
G0074	Burroughs 9247	£29.22
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G0289	Hermes 900/HP 106	£ 5.68
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G0294	Sharp EL700	£ 3.45
G0299	Olympia ES100/CBM 8026/8027/8032	£ 2.76
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G0311	Tandy TRS80 III/ACTWRITER 10	£ 2.73
G0313	IBM 23/5242	£ 3.45
G0314	Ricoh 1600 Fabric	£ 3.14
G0316	DRE 8000 Series/ACTWRITER 14	£23.49
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G0561SS	Addo 851/851C/BROTHER HR1	£ 1.31
G0562MS	Addo 851/JUKI/CBM DPS1101	£ 1.52
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G0563HC	Facit 1850/JUKI Coloured	£ 1.52
G0564	IBM 82 Composer	£ 1.78
G0565SS	Olivetti 90/92	£ 1.64
G0565SC	Olivetti 90/92 Correctable	£ 1.75
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G0567MS	Diablo Hytype Multistrike/JUKI	£ 1.73
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G0570	Olympia Coloured	£ 1.79
G0570MS	Olympia ES100 Multistrike	£ 1.48
G0571	Olympia Coloured	£ 2.52
G0571SS	Olympia ES100/ CBM 8023	£ 2.34
G0571SC	Olympia ES100/ CBM 8023 Correctable	£ 2.04
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G0572SS	Olivetti ET101	£ 2.55
G0572SC	Olivetti ET101 Correctable	£ 2.13
G0572MS	Olivetti ET101 Multistrike	£ 4.23
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G0576	NEC Spinwriter Coloured	£ 2.90
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G0583	Xerox 585/590	£ 0.59
G0584	Cannon	£ 0.59
G0585	Olympia/Hermes	£ 0.89
G0586	Olympia/Hermes	£ 0.59
G0587	Olivetti Lexicon	£ 0.97
G0588	Olivetti/Hermes	£ 0.69
G0590	Adler ACS/Facit	£ 0.59
G0593	Olivetti Praxis	£ 0.59
G0602	Silver Reed	£ 0.59
G0603	Hermes 700 ELC	£ 2.59
G0660MS	Facit Multistrike	£ 3.11
G0660SS	Facit 8000 (580)	£ 3.60
G0660SC	Facit 8000 (584)	£ 2.24
G0661	Brother Coloured	£ 2.51
G0661SC	Brother 4812	£ 1.99
G0664MS	Qume Sprint 7/9/Apple DWP/LQP/DAISYSTEM 2000	£ 2.90
G0665	Qume Coloured	£ 2.06
G0665MS	Qume Sprint II	£ 1.69
G0666MS	Ricoh 1600/RP1600	£ 3.30

## RIBBONS

CAT.NO.	DESCRIPTION	PRICE.
G0667MS	IBM	£ 4.23
G0669SC	Olivetti Praxis/JUKI 6000	£ 2.06
G0676TH	Brother HR5	£ 3.85
G0676MS	Diablo 620 Cartridge	£ 3.97
G0678	Brother EP44	£ 2.29
G0680MS	Daisy M50/M45	£ 4.20
G0686	Silver Reed	£ 1.90
G0687MS	NEC 3500/3515	£ 5.41
G0690MS	Olympia ESW3000	£ 3.85
G0691	Ricoh Coloured	£ 2.96
G0691MS	Ricoh RP1300/1600	£ 2.44
G0693SC	IBM Selectric	£ 2.21
G0696SC	Brother EM200	£ 2.21
G0696MS	Brother HR15/HR25	£ 5.83
G0698MS	CBM 4023/1526/MPS802/MT80/CP80	£ 3.93
G0700TH	Brother EP20 THERMAL	£ 2.13
G0701SC	Triumph Adler	£ 2.13
G0906	Riteman Film	£ 7.76
G0908	Cannon PW1018/1156A	£10.27
G0911	Epson LQ1500	£11.87
G0912	Fastext 80 (sold in 2's)	£ 6.20
G0913	Smith Corona D100/D200	£12.42
G0914	Smith Corona D300	£ 7.85

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## LATE EXTRA'S

## TEAK FINISH COMPUTER DESK

A specially designed self assembly unit which tidily accommodates your complete home computer system. This unit is not the cheap wobbly kind but is a quality piece of furniture. Delivered flat in a special transit pack by express courier the desk is quickly assembled with one screwdriver. Shelves are provided for computer, display, disks etc and all cables are concealed at rear.

Height 880 mm approx  
 Width 820 mm approx  
 Depth 480 mm approx

Gross weight 20 Kg.

CAT. NO. R0001 £34.00