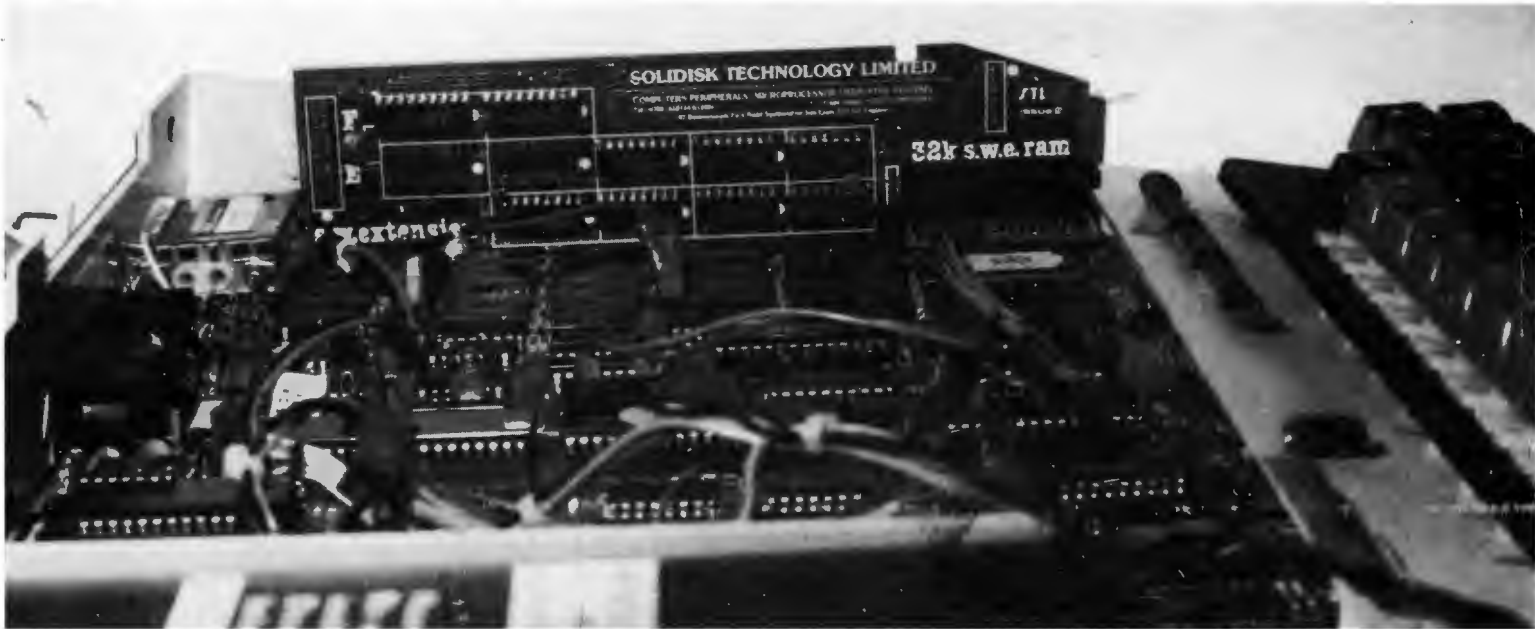


# EXTREMELY POWERFUL — HANDLE WITH CARE



## SOLIDISK SIDEWAYS RAM

Solidisk Sideways RAM is the most exciting add-on that many have been waiting for Acorn to produce! Sideways RAM systems have been described in detail in ECM, Acorn User, BBC Micro User etc., and become de facto the way to upgrade the BBC computer. Solidisk Sideways RAM is the first, most popular and most powerful implementation on the BBC computer.

Don't be deceived by salesman's gimmicky talk such as 'the Model C', the '52 k BBC computer' or 'the more you pay, the more you get'. Ask questions and find out the facts and figures.

Compare products — and then decide.

### HOW EASY TO INSTALL?

Installing the Sideways RAM on your BBC micro is quite straightforward: push the base unit into the rightmost sideways socket, plug in the control wire terminals and the sideways RAM board into the base unit (see pictures). Insert the utility disc and press the SHIFT-BREAK keys . . .

### HOW ABOUT COMPATIBILITY?

The Sideways RAM is completely compatible with all issues of BBC computers, disks, all sideways ROMs, the tube and second processors. Torch disk pack, Teletext, Econet etc. but NOT with ROM extension boards, since it can replace them.

Its power consumption is so low that you can use it in conjunction with twin disks.

### HOW DOES IT WORK?

Occupying the same place as sideways ROMs (such as BASIC, WORDWISE, DISC DOCTOR), it is treated like other Sideways ROMs and therefore can replace them. It is ideal for developing ROM-able application programs and eventually it enables ROM based software to be sold unchanged on tape, disk or by electronic mail.

Unlike the Aries B20 board, the Machine Operating System communicates with Sideways RAMs as naturally as with Basic, without complicated procedures such as unknown \*FX calls or the need adhere to new programming rules. With Sideways RAM, you can SAVE, LOAD and RUN. You can also write programs in ANY language, using any filing system.

### HOW ABOUT SOFTWARE?

Solidisk Sideways RAMs have a much larger range of uses than any other system and the software support is free. Take a look on some of the programs supplied:

### MULTITASKING DISK FILING SYSTEM.

By adding extra facilities to the present Acorn's DFS, it is now possible to run more than one program at a time. Furthermore, we are aiming at beating Sinclair's QDOS in the near future.

### RAM FILING SYSTEM:

Strikingly similar to disk filing systems but can be used with tape, programs and data can be directly put in ROM form thus enabling stand alone applications to be implemented economically. The ROMs made with STL-RFS is also Electron compatible. (See EPROM products for more details)

### PRINTER SPOILER:

Printer output can also be directed to Sideways RAM and printing will carry on in the background while your computer is busy processing.

### RAM-DISC:

The Solidisk is a RAM disc in your system. It works EXACTLY like an extra disc drive but a lot faster as it has no inertia. Capable of loading or saving at 40,000 bytes a second, it is responsible for the outstanding performance of SILEXICON and WORD64 (see opposite page).

The Solidisk resides entirely in Sideways RAM and does not use any bytes of the normal RAM.

The Solidisk is a marvellous productivity tool in every application field: compilers, data base, 3D graphic, Wordprocessing, Engineering, CAD, Music and speech synthesis etc.

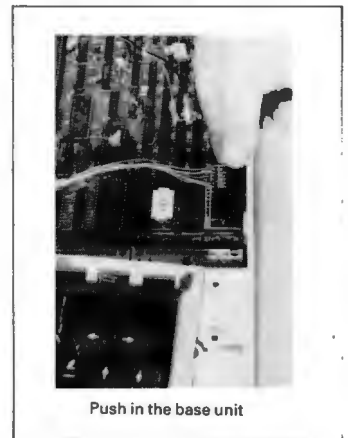
### HOW ABOUT THE FUTURE?

Also unlike other makes (SIR, APTL, WE Sideways ROM/RAM extension boards and the Aries B20), Solidisk Sideways RAM is expandable from 16k right to 128 k and to 256k in July. It is a fraction of their cost thanks to Texas Instruments and INMOS advanced VLSI technologies.

That awesome power is the reason why you should handle it with care.

Solidisk sideways RAM has created a rapidly growing user group and we are working flat out to step up production for the dealers.

### HOW EASY TO INSTALL:



Push in the base unit



Connect the control wires

# WHICH SIDEWAYS RAM DO YOU NEED?

TEAC DISC DRIVES FD55 Series

Solidisk Sideways RAM is available in 16k (SWR16), equivalent to 1 sideways ROM, 32k (SWR32), equivalent to 2 sideways ROMs or 128k (Solidisk), equivalent to 8 sideways ROMs. You can buy a small Sideways RAM now and upgrade it later. From the SWR16 to the SWR32 is by straight exchange, from the SWR32 to the Solidisk is by adding the Solidisk Extension which holds 96K of memory on just 3 square inches!

## FREE SOLIDISK SOFTWARE SUPPORT SERVICE:

### IN WORDPROCESSING:

#### WORD 64:

Using the Solidisk as working space for WORDWISE, WORD64 offers up to 64K free characters for any text.

Using WORD64, you can write much larger programs than BASIC normally handles!

### IN SPELLING CHECKER:

#### SILEXICON:

SILEXICON scans texts at more than a 1,000 words a minute and comparing each word against the dictionary, Silexicon marks the mis-spelt words for either addition to the dictionary or eventual correction.

A disk based program would make a lot of noise accessing the dictionary, SILEXICON takes advantage of the non inertia of Sideways RAM and runs quietly at more than 20 times the speed. Silexicon works with the Solidisk or a second disk drive.

### IN DISK FILING SYSTEM:

STL150: this utility program enhances Acorn DFS.90 by moving disk working space into sideways RAM leaving PAGE at &EOO and adding extra disk commands. With STL150, you can format 40/80 track dikettes, verify and have up to 150 directory entries per side. Many DFSs have similar features (such as WATFORD DFS) but none has as much as STL150.

### IN PORTABLE APPLICATIONS:

#### SOLIDISK RFS

Solidisk RFS (RAM/ROM filing system) is an innovation. Save and load your program, open a file for BPUT, BGET directly in Sideways RAM at 60,000 bytes a second. More: the STL RFS has a Sideways ROM format, it can be copied onto EPROM to give instant recall of your programs. Plug this EPROM into any sideways socket, type \*RFS and it runs itself. Imagine the profit in selling your program in EPROM!. Compatible with the ELECTRON and BBC, tape and disks, SWR16, SWR32 and Solidisk.

### IN SYSTEM MANAGEMENT:

#### THE MENU PROGRAM

This program puts all computer's resources at your fingertips helps to set up your firmware, disks etc by simple menu options.

### MORE FREE SIDEWAYS RAM SOFTWARE TO COME:

While others are making promises for software to be written, Solidisk Sideways RAM comes with a complete, novel and powerful software package including compatibility with existing sideways software. Right now, the STL RFS has the same effect on the BBC computer that the DFS had 2 years ago — that means masses of low cost software on the line!

Each Sideways RAM is accompanied by the Sideways RAM User Manual, full 1 year warranty, a utility disc containing 100k of programs and free mailing on all new publications from the Software Support Service.

Available soon: the Source Code and Technical Manual (3 floppies and a 300+ page book) price = £10, the SILEXICON EXTENSION PACKAGE (3 floppies and a 40 page manual, 30,000 word dictionary: English and French now, German and Spanish planned) price = £9.00. '4S' also publishes regular updated SWR utility discs at £3.00. Every user can do contract work for the SUPPORT SERVICE and make a lot of money for him/herself!

In other words, the Solidisk Sideways RAM is not only a wide choice now by saving you money but also a long term INVESTMENT.

### EPROM AND OTHER PRODUCTS FROM SOLIDISK:

You can also purchase a growing range of add-ons designed to be used in the same base unit such as EPROM programmer now, Teletext receiver and 8088 second processor later. We also product disk systems based on the TEAC FD55 series. A detachable keyboard case and portable CPU case for the BBC computer is well under way for delivery in JUNE.

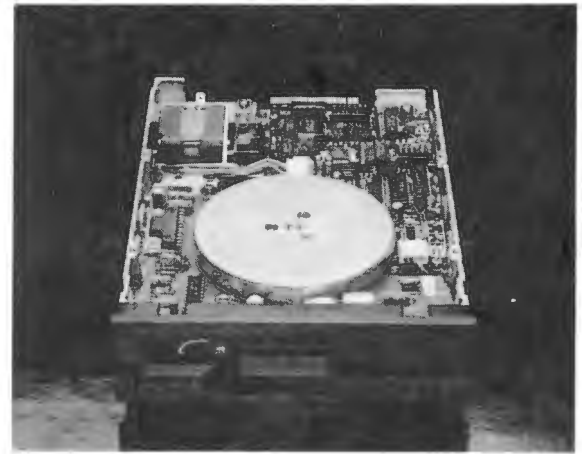
We also have the whole range of SANYO colour monitors, EPSON printers and VERBATIM dikettes at very competitive prices. Please ring us for a quotation.

## HOW TO ORDER?

To order the Sideways RAM is simple: complete the coupon below. Access and Barclay card holders can place their order by phone on Southend (0702) 334766/334777.

Large organisations, dealers and OEMs can obtain quantity discounts. Please ring for quotations (0702) 354675.

Administrative and brief technical enquiries: (0702) 354674.



#### Prices include:

- case
- cable
- manual
- 2 year warranty

#### UVIPAC EPROM ERASER



#### ORDER FORM:

Item:

#### THE BBC SIDEWAYS RAM:

SWR16 .....	£39.65
SWR32 .....	£54.95
SOLIDISK .....	£139.90

#### TEAC DISK DRIVES:

FD55A .....	£139.95
40 tracks/ Single Sided, cased, complete with Cables, Manual, Demo disk and 2 year warranty	
FD55F .....	£229.95
Double Sided 80 tracks per Side, cased, with cables, manual and 2 year warranty	
VERBATIM DISKETTES:	
SS/SD 40 or 80 trks box of 10 .....	£16.00
DS/SD 40 or 80 trls box of 10 .....	£22.00

EPSON-SANYO ..... POA

#### EPROM PRODUCTS:

EPROM PROGRAMMER .....	£15.00
UVIPAC ERASER .....	£19.95
2764 by 5 .....	£35.00

SWR UTILITY DISC (MONTHLY UPDATES) .....	£2.00
SOURCE CODE AND TECHNICAL MANUAL .....	£10.00
SILEXICON EXTENSION PACKAGE .....	£9.00

#### Post and packing:

Small items .....	£1.00
Disk drives .....	£3.00
Printer/Monitor .....	£8.00

#### SOLIDISK TECHNOLOGY LIMITED

17 Swayne Avenue  
SOUTHEND ON SEA  
ESSEX

SS2 6JQ

Tel. Southend (0702) 354 674/5 334766/334777

Solidisk products are also distributed in the following countries:

France: RUN INFORMATIQUE-PARIS,

Holland: ECD-Delft,

Germany: VOBIS and KINGSOFT-Aachen,

Sweden: DIGILOG-Goteborg.