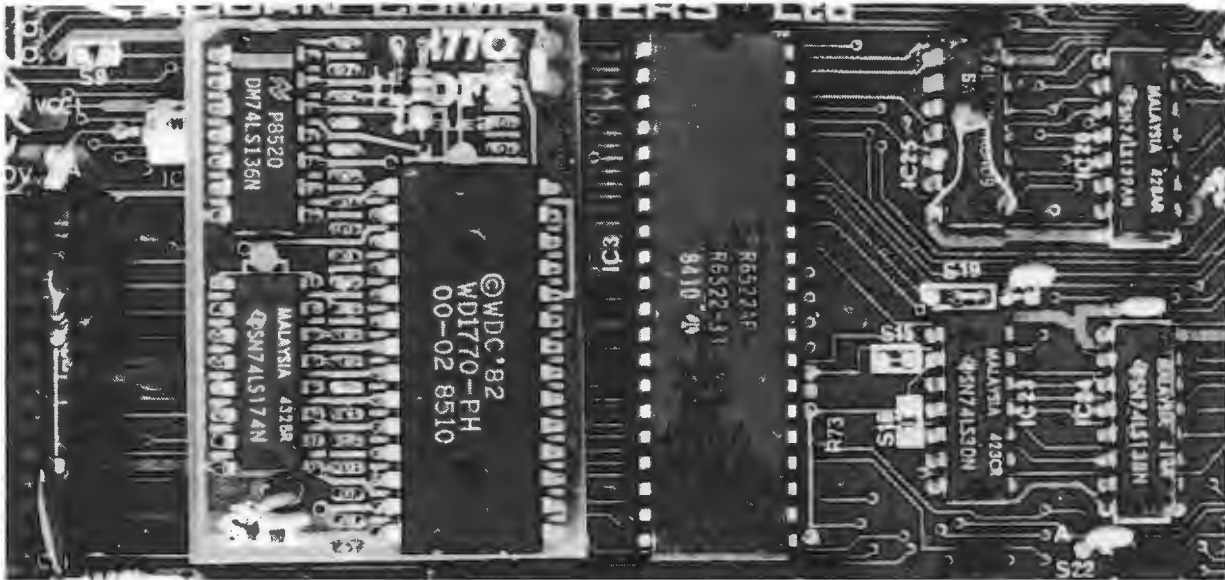


# SOLIDISK (0702) 354674

## WD-1770 DUAL DENSITY DISC INTERFACE



### From £35.00 inc.

The new Acorn Disc Filing Systems DFS and ADFS require both the WD-1770 (or WD-1772) chip. Among many leading suppliers, Solidisk has the enviable position of supplying models which are totally compatible with the new Acorn ROMs (and of course our own DFS 2.2 and ADFS 2.1 ROMs which have a more comprehensive set of commands). Furthermore, Solidisk is the only company outside Acorn to deliver the ADFS, that vital link between all Acorn computers: from BBC, MASTER, COMPACT, ELECTRON right through the new ARCHIMEDES and the 80186 co-processor. This model of WD-1770, the Solidisk WD-1770 Dual Density Disc Interface (DDFS) comes as a kit, comprising a PCB measuring 37mm x 52mm (1.5" x 2.1"), two buffer IC's (7438N) and two metal jumpers.

### Fitting:

The kit can be fitted by expert or novice alike, in around 30 minutes. No soldering is required, except for older Beebs (issue 2 or 3) where a fix is necessary. A step to step workplan is included with the kit. Essentially, push the WD-1770 into socket No 78, the two buffer IC's into sockets No 79 and 80, the two metal jumpers into sockets No 86 and 87 and finally, remove the link S9.

### Performance:

WD-1770 Features	Acorn 1770-DNFS	Acorn 1770-ADFS	Solidisk DFS 2.2	Solidisk ADFS 2.1
in DFS:				
Single density (100K/40 tracks)	Yes	N/A	Yes	Yes
Double density (160K/40 tracks)	No	N/A	Yes	Yes
Number of files per disc surface	31	N/A	unlimited	unlimited

	256K	N/A	disc size	disc size
Maximum file size in ADFS (ADFS uses only double density recording):				
Number of files per disc	N/A	unlimited (1)	N/A	unlimited
Maximum file size Archimedes compatible	N/A	disc size	N/A	unlimited
D/S 80-track discs		Yes	N/A	Yes
PC-500 compatible (Acorn 80186 for Beeb)	(2)	Yes	(2)	Yes

### Notes:

- (1) The Solidisk DFS has an unlimited number of entries into the catalogue, until the disc is full.
- (2) The PC-500 is Acorn 80186, 512K, IBM compatible co-processor, with a lead adapted by Solidisk to be used on the Beeb TUBE. The PC-Plus is the same but with upgraded RAM to one Megabyte.
- (3) The WD-1770 is interchangeable with the WD-1772. The latter has a fastern stepping rate (3ms-12ms).
- (4) ADFS 80 track, 3.5 inch discs will run on the Archimedes. We can adapt your 5 1/4 inch drives (15 for the first, £3 for the second plus p&p) for use with either the Archimedes, Beeb or Master.

### Prices:

WD-1770 DDFS without DFS ROM	£35.00 inc.
WD-1770 DDFS with Solidisk DFS 2.2 ROM	£45.00 inc.
WD-1770 DDFS with Solidisk ADFS 2.1 ROM set	£55.00 inc.

All three listed kits can be fitted free by Solidisk Local Experts if required. Technical support and enquiries: ring Southend (0702) 431122.

### Availability:

Mail Order and From Selected Dealers.

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