

MD 400
£155.65
+ VAT = £179

MD 800
£312.17
+ VAT = £359

MD 800P
£373.04
+ VAT = £429

BBC Compatible Mitsubishi Slimline Disc Drives

These are high capacity, precision drives with dynamic clamping and very low power consumption. All drives are supplied with cables, a very comprehensive utility/format disc and a manual.

MD 400 — 400K (800K double density) 40/80 track switchable double sided single drive.

MD 800 — 800K (1600K double density) independently 40/80 track switchable double sided dual drive.

MD 800P — 800K (1600K double density) independently 40/80 track switchable double sided dual drive unit with built-in power supply and monitor stand.

Opening Hours: Mon-Fri 9am-6.30pm
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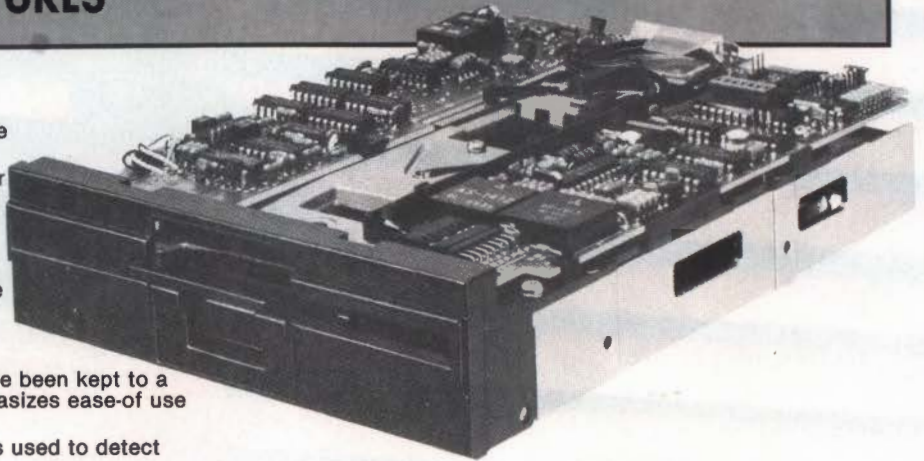
Dealer Enquiries
Welcome

Mitsubishi 5 1/4" Slimline Disc Drives

These drives are supplied ready cased with all the necessary cables formatting program and User Guide

HARDWARE FEATURES

- * The soft-touch, gimbal-supported magnetic head provides stable contact with the memory media.
- * A high-accuracy stepping motor is used to position the head in combination with steel bands, achieving a fast 3ms access time.
- * Rotational drive for the diskette is provided by a compact brushless motor enabling maintenance-free operation.
- * Noise and temperature rise have been kept to a minimum and the design emphasizes ease-of use and economy.
- * A highly reliable photosensor is used to detect the write-protect notch.
- * Reduced size and improved reliability are achieved by the use of LSI technology.
- * High-output MnZn magnetic heads are used for improved read and write S/N.



- * Dynamic clamping ensures correct centring of media.

SOFTWARE FEATURES

- * **DISASSEMBLER:** This is a 6502 machine code disassembler
- * **DUP:** To copy and rename a file on disc
- * **FORMAT:** Formatting program for 40 & 80 tracks
- * **FREE:** This utility provides a disc usage analysis
- * **MDUMP:** Enables you to display and modify any part of BBC memory
- * **MERGE:** Merge a number of text files into one file
- * **RELOCATE:** Downloads a basic program to &E00
- * **SDUMP:** Screen dump for EPSON in all graphic modes
- * **VERIFY:** Verifies every sector on a disk
- * **MENU:** A flexible menu program

M4853

Radial Alignment	$\pm 25\mu\text{m}$ (± 1 mil)	Shock & Vibration	Operating: shock 2.5G(20ms) Vibr.: 0.25G (5-100Hz) Non-operating: shock 30G (20ms) Vibr. 3G(5-100Hz)	Erase Delay (Max)	1000 μs
Alignment Disk	DYMEK502-1D STD TK 32 60%	Heat Generation	8.5W typ. (Seek) 6W typ. (Read, Std-by)	Recommended Write Pre-Comp. (Inner than track)	0 \sim $\pm 250\text{ns}$ (TK43)
Azimuth	0 $^{\circ}$ \pm 18'	Power Consumption	+5V \pm 5% 0.5A typ.(Seek) 0.7A(Max) +12V \pm 5% 0.3A typ.(Read) 0.5A(Seek) 1A(Max)	Spindle Motor Instantaneous speed	300 rpm \pm 2% (index period: 200 ms \pm 1.6%)
Index Sensor Position (index pulse width)	Side 1 200 \pm 200 μs 200 \pm 300 μs	Head Life Motor Life	> 10,000 Hrs. running on media > 10,000 Hrs. running	Head Resolution	> 60%
Transportation Environment	-40 to 62 $^{\circ}\text{C}$ (-40 to 144 $^{\circ}\text{F}$) for a max of 72Hrs. 1 to 95% RH without condensation for a max of 72 Hrs.			Data Window margin Clock Window margin Asymmetry max. (all without Precomp.)	> 600ns > 600ns > 500ns

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