

DataPak MO

512MB REMOVABLE, REWRITABLE OPTICAL DRIVE

DataPak™ MO from MASS

Microsystems is a high speed, magneto-optical drive that provides 512Mbytes of storage capacity on a removable, rewritable DataCart™ MO cartridge. DataPak MO's non-contact laser read/write system does not deteriorate data, no matter how often it is written and erased. Designed to operate on any Macintosh computer, DataPak MO is the ideal storage solution for a wide range of applications.

- ◆ Graphic Arts
- ◆ Desktop Publishing
- ◆ CAD/CAM
- ◆ Multimedia
- ◆ Image Databases
- ◆ Archival & Backup Storage
- ◆ Network File Servers

High Capacity Expandability

DataPak MO offers 512Mbytes of available storage on each double-sided optical disk cartridge. The 5 1/4 inch disk comes packed in a convenient hard plastic cartridge with a metal door and a write-protect switch. Now you no longer need to upgrade or add drives for additional storage or backup. Get 512Mbytes more storage by simply buying another DataCart MO cartridge at a fraction of the cost of traditional hard disks.

Security and Portability

Resistant to dust and damage, DataPak MO's cartridges make it convenient to secure your data, and transport or distribute information without hassle. DataCart MO cartridges are 100% drive-to-drive compatible, and can even be sent through the mail.

Highest Quality and Reliability

DataPak MO, with its non-contact laser design, totally eliminates data loss due to head crashes and wear common with conventional hard disks. Designed with dependability in mind, DataPak MO incorporates special anti-dust filtering that eliminates erratic operation due to head contamination. Easily replaceable filters and cleaning kits are available for convenient maintenance of your system to insure a long, trouble-free operating life.



DataPak MO offers an incredible 512MB of storage on a single removable, rewritable optical disk cartridge.

Superior Performance

DataPak MO uses proprietary magneto-optical disk technology that achieves the world's fastest disk rotational speed of 3000 rpm. Add a built-in 64Kbyte data buffer, and DataPak MO gives the highest-speed data throughput available today.

And It's Backed by MASS Microsystems

Recognized worldwide as a leading supplier of award-winning removable storage systems for the Macintosh, MASS Microsystems backs its products with a full one year warranty and an 800 Technical Support line.

FEATURES

512Mbyte disk cartridge capacity

Magneto-optical technology

Removable cartridge design

Disk rotation of 3000 rpm and 64Kbyte buffer

100% drive-to-drive cartridge compatibility

Anti-dust filtering and cleaning system

BENEFITS

Store large amounts of data and images by simply adding another low-cost cartridge.

Erase and rewrite on high capacity optical disk. Eliminates head crash and wear that cause data loss.

Transport, distribute and lockup your files easily and safely.

High speed throughput gives fast transfer and processing of data. 25% faster than Sony-based mechanisms.

Total interchangeability of cartridges between DataPak MO drives for distribution and transporting of files.

No contamination of laser head, results in highly reliable operation.



* Increase your storage capacity by 50% or more with DiskDoubler™ Data Compression Utility by Salient

 **MASS**
microsystems

810 W. Maude Avenue Sunnyvale, CA 94086 408-522-1200 FAX 408-733-5499

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SPECIFICATIONS

| | |
|-----------------------------|--|
| Recording System | Magneto-optical, Rewritable |
| Disk Rotation Speed | 3000 rpm ... |
| Rotation Control System | CAV |
| Average Access Time | 80msec |
| Interface | SCSI |
| Buffer Size | 64Kbytes |
| Data Transfer Rate | |
| Burst | 1.5Mbytes/sec |
| Average | |
| Continuous Read | 0.8Mbytes/sec |
| Write/Verify | 0.2Mbytes/sec |
| Mode | Asynchronous |
| Bit Error Rate | less than 10^{-12} bytes (ECC) |
| Disk/Cartridge | |
| Disk Capacity (unformatted) | 512Mbytes (double-sided) |
| Disk Diameter | 130mm (5.12 in) |
| Sector Size | 1024 bytes |
| Sectors per Track | 16 |
| Tracks per Side | 15,728 |
| Power Requirements | 110/115V, 70W; 220/240V, 85W |
| MTBF | 20,000 power on hours |
| Environmental Limits | |
| Operating | |
| Temperature | 5°C to 35°C (41°F to 95°F) |
| Humidity | 5 to 85% RH (non-condensing) |
| Non-Operating (Storage) | |
| Temperature | -20°C to 60°C (-4°F to 140°F) |
| Humidity | 5 to 90% RH (non-condensing) |
| Vibration | below 0.25G (5-500 Hz) |
| Shock | below 0.3G (below 5ms) |
| Dimensions (HWD) | |
| Drive | 137 x 185 x 365 mm (5.4" x 7.3" x 14.4") |
| Cartridge | 11 x 135 x 153 mm (0.4" x 5.3" x 6.0") |
| Weight | 7.5kg (16.5 lbs) |
| Warranty | One year on parts and labor |
| System Requirements | All Macintosh CPUs |

PRODUCT PACKAGE

The DataPak MO product package includes:

- ◆ DataPak MO Drive
- ◆ DataCart MO Optical Disk Cartridge
- ◆ SCSI Peripheral and Power Cables
- ◆ DataPak MO System Disk
- ◆ DataPak MO User's Guide and Reference Manual
- ◆ DiskDoublor by Salient

OPTIONAL ACCESSORIES

- ◆ DataPak MO Head Cleaning Cartridge
- ◆ DataPak MO Disk Cleaning Kit
- ◆ DataPak MO Filters (2/box)

Other Quality Products from MASS Microsystems for your Macintosh:

- DataPak 45MB and 88MB Removable Cartridge Drives
- ColorSpace™ Desktop Video products
- QuickImage™ 24 Video Frame Grabber Card
- EasyVideo™ 8 NTSC Video Output Card



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408-522-1200 FAX 408-733-5499
800-522-7979 USA

Specifications are subject to change without notice.