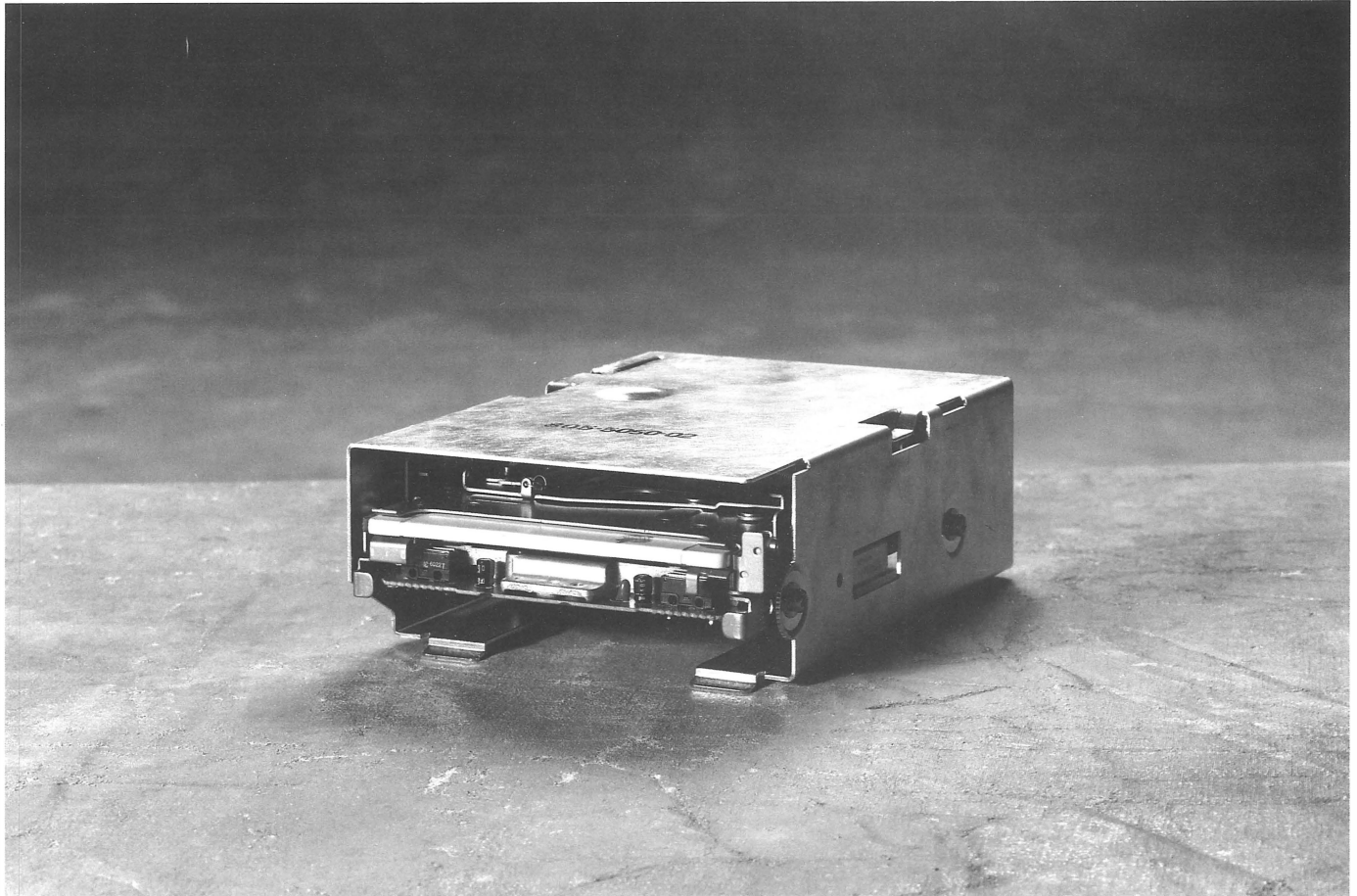


Macintosh Internal 800K Disk Drive



Overview

The Macintosh Internal 800K Disk Drive is ideal for owners of Macintosh II personal computers who want high-capacity storage at an affordable price. Designed to fit inside Macintosh II, the Macintosh Internal 800K Disk Drive requires no desk space and provides 800 kilobytes of highly-reliable, self-contained storage.

Features

- ▶ Internal drive
- ▶ Uses 800K double-sided, cased 3.5-inch floppy disks

Benefits

- ▶ Saves desk space.
- ▶ Provides over 2.5 times the capacity of on-line data storage available from 5.25-inch disks.
- ▶ Lets you hold large data files and applications on one disk, reducing the need to swap disks.
- ▶ Retrieves and stores data substantially faster than a 5.25-inch drive.
- ▶ Fully compatible with 400K disks.
- ▶ Protects data, because disks are rugged and easy to carry.



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System Requirements

To use the Macintosh Internal 800K Disk Drive, you must have the following:

- ▶ Macintosh II personal computer.

Technical Specifications

Recording media

- ▶ Disk diameter: 3.5 inches
- ▶ Recording surfaces: 2
- ▶ Tracks per inch: 80

Capacity

- ▶ Formatted data capacity: 800 kilobytes*
- ▶ Unformatted data capacity: 1,246 kilobytes

*Disks used in the Apple 3.5 Drive should contain certified double-sided media

Drive characteristics

- ▶ Seek time (track to track): 6 milliseconds maximum
- ▶ Settle time: 30 milliseconds maximum
- ▶ Drive startup time: 600 milliseconds maximum

Head position accuracy

- ▶ ± 0.035 mm

Interfaces

- ▶ Connects to the Macintosh II via the internal serial connector

Electrical requirements

- ▶ +12 volts
 - Standby: 10 microamps
 - Typical: 120 milliamps
 - Peak: 600 milliamps (during eject only: 2-second maximum duration)
- ▶ +5 volts
 - Standby: 10 milliamps
 - Typical: 360 milliamps

Environmental requirements

- ▶ Operating temperature: 40° to 122° F (5° to 50° C)
- ▶ Storage temperature: -40° to 140° F (-40° to 60° C) (no condensation)
- ▶ Relative humidity: 5% to 90% (with maximum wet bulb temperature of 85° F [29° C] and no condensation)

Size

- ▶ Height: 2.01 in. (51 mm)
- ▶ Width: 4.72 in. (120 mm)
- ▶ Depth: 7.87 in. (200 mm)

Ordering Information

Macintosh Internal 800K Disk Drive

Order No. M0136

With your order, you'll receive:

- ▶ Macintosh Internal 800K Disk Drive
- ▶ Owner's guide
- ▶ Limited warranty statement