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AppleCD 150: Specifications (Discontinued 1/94)

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Security: Everyone

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TOPIC -----

This article gives the technical specifications for the AppleCD 150 drive.

DISCUSSION -----

Playback Medium

- 12-cm optical disc installed in a CD caddy (any CD-ROM or audio compact disc is compatible)

Capacity

- Mode 1: 656MB
- Mode 2: 748MB
- Recording surfaces: 1
- Data/block (available to user)
 - Mode 1: 2,048 bytes
 - Mode 2: 2,336 bytes
- Blocks per disc: more than 270,000

Audio Playback

- Playing time: more than 1 hour
- Frequency response: 20 to 20,000 hertz

Characteristics

- Average access time: 380 milliseconds
- Full stroke access time: 650 milliseconds (typical)
- Data streaming rate
 - Mode 1: 150KB/second
 - Mode 2: 171KB/second
- Block rate: 75 blocks/second
- SCSI bus transfer burst rate: 1.5MB/second
- Rotational speed: 230 to 530 rpm

Interfaces

- Two SCSI 50-pin connectors for connection to the Macintosh and other SCSI devices
- One headphone jack
- Two RCA audio output jacks for external amplifier or amplified speakers

Electrical Requirements

- Power requirements: 100 to 240 volts AC, 50 to 60 hertz
- Power consumption: 0.25 amps (drive on)

Operating Environment

- Temperature: 41 to 104 degrees F (5 to 40 degrees C)
- Relative humidity: 10% to 90% noncondensing

Non-operating Environment

- Storage temperature: -22 to 122 degrees F (130 to 55 degrees C)
- Transportation temperature: -22 to 131 degrees F (130 to 55 C)
- Relative humidity: 5% to 95% noncondensing

System Requirements

- A Macintosh Plus or later model Macintosh
- Macintosh system software 6.0.5 or later

Size and Weight

- Height: 1.95 inches (4.9 cm)
- Width: 7 inches (17.75 cm)
- Depth: 12.9 inches (32.5 cm)
- Weight: 6.5 lb. (2.9 kg)

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