



AppleCD 150



The versatile AppleCD 150 drive gives you fast, convenient, and cost-effective access to the tremendous store of information now available on CD-ROM discs. Designed for use with the multimedia-ready Apple Macintosh personal computer, the AppleCD 150 also opens up a world of multimedia applications to help you integrate text, graphics, audio, video, animation, and photographs. It can even play standard audio CDs.

The AppleCD 150 gives you access to a wealth of commercially available reference libraries, software, databases, clip-art and graphics collections, educational programs, and entertainment. With the AppleCD 150 you can research literary works, study science, or improve your language skills. Or search an electronic dictionary for a word—and then hear it pronounced correctly. You can even play interactive games on your Macintosh.

You'll also appreciate how many different ways the AppleCD 150 can be used in your work. Some CD-ROM discs provide access to market and statistical databases. Collections of clip-art images, photographs, or fonts make it easier to create quality presentations and documents. And you can access company information—such as a sales presentation or technical manual—that is increasingly being distributed on CD-ROM discs.

This affordable, reliable high-performance drive can be easily shared on an AppleShare network. Because it supports the Macintosh HFS and industry-standard ISO 9660/High Sierra file formats, the AppleCD 150 drive gives you access to many different CD-ROM titles. And Apple's testing and integration ensure compatibility with the Macintosh, System 7, and new enhancements such as QuickTime software.

AppleCD 150 Features

Performance

- > Average access time of 380 milliseconds for fast access to information
- > 64-KB cache for faster data-transfer rates

Reliability

- > MTBF: 25,000 hours (at 100% duty cycle at 28° C)
- > Automatic lens-cleaning mechanism and front-loading door for better dust protection

Compatibility

- > Fully compatible with Macintosh Operating System software, including System 7 and QuickTime
- > Supports industry-standard ISO 9660 and High Sierra file formats
- > Supports Macintosh HFS file format
- > Supports CD audio

Ease of use

- > Plug-and-play compatibility with the Macintosh computer
- > Set up and use in minutes
- > Easy, cost-effective network access to an AppleCD 150 drive that is attached to an AppleShare file server



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Technical Specifications

Playback medium

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

Capacity

- > Mode 1: 656 megabytes
- > Mode 2: 748 megabytes
- > 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: 150 kB/second
 - Mode 2: 171 kB/second
- > Block rate: 75 blocks/second
- > SCSI bus transfer burst rate: 1.5 megabytes/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° F to 104° F (5° C to 40° C)
- > Relative humidity: 10% to 90% noncondensing

Non-operating environment

- > Storage temperature: -22° F to 122° F (-30° C to 50° C)
- > Transportation temperature: -22° F to 131° F (-30° C 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 in. (4.9 cm)
- > Width: 7 in. (17.75 cm)
- > Depth: 12.9 in. (32.5 cm)
- > Weight: 6.5 lb. (2.9 kg)

Ordering Information

AppleCD 150

Order No. M2700LL/D

- > AppleCD 150 drive
- > CD caddy
- > Installation disk
- > Power cord
- > Complete setup, learning, and reference documentation
- > Limited warranty statement

AppleCD Caddy (box of 5)

Order No. M2705

Apple SCSI System Cable

Order No. M0206

Apple SCSI Cable Terminator

Order No. M0332LL/A

Apple SCSI Peripheral Interface Cable

Order No. M0207

Apple SCSI Cable Extender

Order No. M0208