Features

Performance
- Double-speed (up to 342 kilobytes per second) streaming data-transfer rate
- Access time of 290 milliseconds
- 256K cache and SCSI II inputs and outputs allow burst data-transfer rate of up to 2.5 megabytes per second

Compatibility
- Designed to work with Macintosh computers running system software version 6.0.7 or later, and Power Macintosh computers
- Connects to all computers with SCSI interface, including IBM PC compatibles and UNIX workstations
- Supports all major CD-ROM formats
- Can be shared over a network
- Plays standard audio CDs
- Exports audio CD tracks via SCSI port
- Exceeds Multimedia PC Level II specifications

Ease of use
- Loads CD via powered tray
- Set up and use in minutes
- Headphone jack and volume control (external model only)

Reliability
- Automatic lens cleaning
- Tested average life over 125,000 hours

Now your Macintosh computer can bring you into the world of CD-ROM–based multimedia with the double-speed AppleCD 300e Plus CD-ROM player. It's easy to connect and as simple to use as an audio CD player.

It can play audio CDs, but unlike a simple audio CD player, it also gives you access to the thousands of software programs, databases, educational and reference materials, QuickTime movies, clip art collections, and games now available on CD-ROM discs.

The AppleCD 300e Plus spins at double speed—the speed for which most CD-ROM titles are designed—and allows smoother playback of your QuickTime movies, video clips, and animated sequences.

The AppleCD 300e Plus also makes it possible to view photographs on your Macintosh—and use them in your documents.

This player is compatible with multisession Kodak Photo CD discs.

To make your own Photo CD, just take your original film, negatives, or slides to an authorized Kodak photo processor for conversion into high-quality images on a disc. Then insert your disc into the AppleCD 300e Plus to view the images on your Macintosh. New photos can also be added to your Photo CDs at a later date.

You can connect the AppleCD 300e Plus to just about any Macintosh computer all by yourself. It attaches through the SCSI port on the back. No tools are required.

And if you have a Macintosh computer with a half-height, 5.25-inch removable-drive bay, you can have your local authorized Apple service provider (or reseller) add an AppleCD 300i Plus internal player right inside it.

Either way, your Macintosh will be equipped to bring you into the exciting, educational, and entertaining new world of CD-based multimedia.

AppleCD 300e Plus and AppleCD 300i Plus

Ordering Information

AppleCD 300e Plus (external)
Order No. M2918LL/A
• AppleCD 300e Plus external CD-ROM player
• Installation software
• *Multimedia Starter CD*
• *Software Dispatch CD* with software samples, demonstrations, and guided tours
• Your choice of three free CDs from a list of best-selling titles
• Power cord
• Complete setup, learning, and reference documentation
• Limited warranty

AppleCD 300i Plus (internal)
Order No. M3152LL/A
• For use with Macintosh models with a half-height, 5.25-inch removable-drive bay. Requires an additional adapter kit and installation by an authorized Apple service provider.
• AppleCD 300i Plus internal CD-ROM player
• Complete learning and reference documentation
• Limited warranty

AppleCD 300i Plus Adapter Kits
Note: An adapter kit may be required to install the AppleCD 300i Plus internal player inside your Macintosh. Your authorized Apple service provider has the compatibility and adapter information necessary for the installation.

Apple SCSI System Cable
Order No. M0206LL/A

Apple SCSI Cable Terminator
Order No. M0332LL/A

Apple SCSI Peripheral Interface Cable
Order No. M0207LL/A

Apple SCSI Cable Extender
Order No. M0208LL/A

Technical Specifications

Playback media
• 8- or 12-cm optical disc (any standard CD-ROM or audio compact disc is compatible)

Capacity
• Mode 1: 656MB
• Mode 2: 748MB

CD-audio playback
• Maximum playing time: 74 minutes, 42 seconds
• Frequency response: 20 to 20,000 Hz
• Stereo at 44-kHz sample rate

CD-ROM playback characteristics
• Average access time (1/3 stroke)
—Normal speed (1X): 360 ms
—Double speed (2X*): 290 ms
• Data streaming rate, normal speed (1X)
—Mode 1: 150 kilobytes per second
—Mode 2: 171 kilobytes per second
• Data streaming rate, double speed (2X)
—Mode 1: 300 kilobytes per second
—Mode 2: 342 kilobytes per second
• SCSI bus transfer burst rate (over one CD-ROM block): 2.5 megabytes per second
• Buffer size: 256K

Formats supported
• Multisession Kodak Photo CD
• ISO 9660/High Sierra
• Macintosh HFS
• CD-ROM XA
• CD+G
• CD+I
• CD+MIDI
• Standard audio CDs
• CD digital audio data export via SCSI bus

Interfaces
• Two SCSI II peripheral 50-pin connectors for connection to the Macintosh and other SCSI devices (rear panel)
• Stereo audio output ports (RCA jacks) for external amplifier or amplified speakers (rear panel)
• Stereo headphone output port and front-panel volume control (external player only)

Electrical requirements
• Power requirements:
—External: 100 to 240 volts AC, 50/60 Hz, 0.28 A maximum
—Internal: 5 volts DC, 350 mA maximum, 12 volts DC, 1.5 A maximum

Operating environment
• Temperature:
—External: 41° to 104° F (5° to 40° C)
—Internal: 41° to 122° F (5° to 50° C)
• Relative humidity: 5% to 90% noncondensing

Nonoperating environment
• Storage temperature (6 mo.):
—External: –22° to 122° F (–30° to 50° C)
—Internal: 41° to 122° F (5° to 50° C)
• Relative humidity: 5% to 90% noncondensing

System requirements
• A Macintosh SE computer or later model
• System software version 6.0.7 or later
• A separate SCSI system or peripheral cable (not included)

Size and weight
• External:
—Height: 2.32 in. (5.9 cm)
—Width: 6.22 in. (15.8 cm)
—Depth: 13.1 in. (32.3 cm)
—Weight: 5.73 lb. (2.60 kg)
• Internal:
—Height: 1.67 in. (4.25 cm)
—Width: 5.83 in. (14.8 cm)
—Depth: 8.25 in. (21.0 cm)
—Weight: 2.10 lb. (0.95 kg)