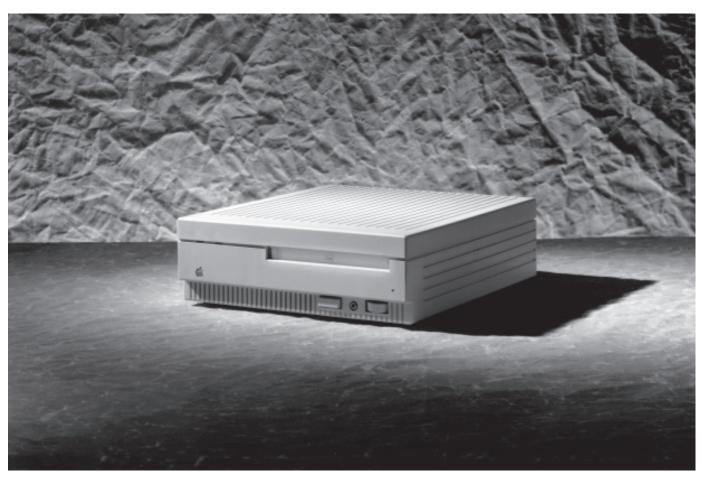# AppleCD SC Plus

Overview

The AppleCD SC ® Plus drive offers Macintosh ® and Apple® II computer owners a convenient and cost-effective way to access and explore tremendous amounts of information. Each 12-centimeter CD-ROM disc can hold approximately 650 megabytes of information—the equivalent of eight hundred 800K disks or more than 270,000 typewritten pages.

The AppleCD SC Plus drive pro- vides access to text, graph- ics, and sound stored on digi- tally recorded CD-ROM discs. You can copy and paste the data for use in other applica- tions.

The AppleCD SC Plus drive supports the Apple II, Macin- tosh, and industr y-standard High Sierra and ISO 9660 file systems, giving users access to a broad range of CD-ROM titles.

The AppleCD SC Plus also has audio capabilities. Utilizing the AppleCD SC Plus drive's headphone jack or RCA jacks, the user can listen to audio information stored on disc.

Features	Benefits
• Front-loading CD-ROM slot	• Makes it easy to insert and retrieve CD-ROM discs. • Lets you stack the drive on top of or underneath your computer, saving desk space.
• 64K RAM buffer	• Offers improved data transfer.
• High Sierra and ISO 9660 compatibility	• Lets you play discs, using either the Apple II or Macintosh computer, that are pressed in an industry-standard file format.
• AppleShare® file server support	• Lets users on a network access information stored on a shared AppleCD SC Plus drive attached to an AppleShare file server. • Lowers the cost of the drive per user.
• CD Caddy	• Protects discs, guarding the integrity of the recorded information. • Provides a convenient way to store discs.
• Universal power supply	• Ensures compatibility with worldwide electrical standards.
• CD Audio Chip set and CD Remote desk accessory	• Lets you listen to audio information stored on disc.
• RCA jacks (two)	• Provides audio connectors for external amplified speakers. • Lets you listen to stereophonic audio information stored on the disc.
• Headphone jack	• Lets you listen privately to stereophonic audio information stored on the disc.

System Requirements

To use the AppleCD SC Plus drive with a Macintosh computer, you'll need the following:

• Appropriate SCSI cabling*

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To connect the AppleCD SC Plus to an Apple IIe or Apple II GS® computer, you must have:

• An Apple II SCSI Interface Card
• Appropriate SCSI cabling

*Connection to a Macintosh is made via the computer's DB-25 SCSI port.

Technical Specifications

Playback medium
• 12-centimeter optical disc installed in a CD Caddy (any CD-ROM or audio compact disc is compatible)

Capacity
• Data 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
• Access time (including latency)
—Average: 380 ms (typical)
—Maximum (first to last block): 650 ms (typical)
• Data-streaming rate
—Mode 1: 150K/second
—Mode 2: 171K/second
• Block rate: 75 blocks/second
• SCSI bus transfer burst rate: 1.5 MB/second
• Rotational speed: approximately 230 to 530 rpm (variable)
• Startup time: 5 seconds (typical; media-dependent)
• Spin-down time: 2 seconds (typical)

Electrical requirements
• Line voltage: 100 to 240 volts AC
• Frequency: 50 to 60 hertz
• Maximum power: 40 watts

Environmental requirements
• Operating temperature: 50° to 104° F (10° to 40° C)
• Storage temperature: −22° to 122° F (−30° to 50° C)
• Operating relative humidity: 10% to 90% noncondensing

Size and weight
• Height: 3.31 in. (8.4 cm)
• Width: 9.69 in. (24.6 cm)
• Depth: 10.47 in. (26.6 cm)
• Weight: 8.8 lb. (4 kg)

AppleCD SC Plus

Ordering Information

AppleCD SC Plus
Order No. M2700LL/C

With your order you'll receive:
• AppleCD SC Plus
• Complete setup, learning, and reference documentation
• Apple CD Caddy
• One 3.5-inch Macintosh CD Setup disk

• One 5.25-inch Apple II CD Setup disk
• One 3.5-inch Apple II CD Setup disk
• Power cord
• Limited warranty statement

Related Products

Apple CD 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

Apple II High Speed SCSI Card
Order No. A0220LL/A

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