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AppleCD 600e: Technical Specifications (7/95)

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TOPIC -----

This article contains the technical specifications for the AppleCD 600e

DISCUSSION -----

The AppleCD 600e is a quad-speed (4x) external CD-ROM drive.

Playback media

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

Capacity

- Mode 1: 656 MB
- Mode 2: 748 MB

CD-Audio playback

- Maximum playing time: 74 minutes, 42 seconds
- Frequency response: 20 to 20,000 Hz
- Stereo at 44KHz sampling rate

CD-ROM playback characteristics

- Random Seek Time: 167.5 ms
- Random Access Time: less than 200 ms
- Data streaming rate single speed:
 - Mode 1 150 KB/sec
 - Mode 2 171 KB/sec
- Data streaming rate double speed:
 - Mode 1 300 KB/sec
 - Mode 2 342 KB/sec
- Data streaming rate quad speed:
 - Mode 1 600 KB/sec
 - Mode 2 684.4 KB/sec
- SCSI bus transfer rate (over one CD-ROM block): 5.1 MB/sec
- Buffer size: 256 KB

Formats supported

- Multisession Kodak Photo CD
- ISO 9660/High Sierra
- Macintosh HFS
- CD-ROM XA
- CD+G
- CD+MIDI
- Standard audio CD's

CD digital audio data export via SCSI bus

Interfaces

- Two SCSI peripheral 50 pin connectors for connection to the Macintosh and other SCSI devices
- Stereo audio outputs (RCA jacks) for external amplifier or Powered Speakers
- Stereo headphone output port
- Front panel volume control
- Front panel LED busy indicator

Electrical requirements

Power requirements

100-240 volts AC 50/60 Hz, 0.28 A maximum

Operating environment

Temperature: -41° to 104° F (5° to 40° C)

Relative humidity: 5% to 90% noncondensing

Nonoperating environment

Temperature: -22° to 122° F (-30° to 50° C)

Relative humidity: 5% to 90% noncondensing

Size and Weight

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)

System Requirements

- Macintosh Computer with a 68030 @ 25 MHz
- System 7.1 or later

Article Change History:

- 25 Jul 1995 - Reviewed for technical accuracy.
- 26 Jun 1995 - Removed CD-I from discussion.
- 01 Jun 1995 - Added system requirements.

Support Information Services

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