



Tech Info Library

AppleCD 600e: Technical Specifications (7/95)

Revised: 5/7/96
Security: Everyone

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Article Created: 3 April 1995
Article Reviewed/Updated: 25 July 1995

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

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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

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- 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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