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AppleCD SC Plus: Specifications (Discontinued)

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Security: Everyone

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TOPIC -----

This article gives the technical specifications for the AppleCD SC® Plus CD-ROM drive.

DISCUSSION -----

The playback medium for the AppleCD SC Plus is a 12-centimeter optical disc installed in a CD caddy. Any CD-ROM or audio compact disc is compatible.

The data capacity in mode #1 is 656MB, 748MB in mode #2. The unit access is from 1 recording surface. The unit has a capacity of more than 270,000 blocks per disc. Data per block is 2,048 bytes in mode #1, 2,336 bytes in mode #2.

Audio playback time is more than 1 hour with a frequency response of 20 to 20,000 hertz.

Characteristics include

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- Typical access time is 380ms (including latency).
The maximum first to last block access time is typically 650ms.
 - The data streaming rate is 150K/second in mode #1, 171K/second in mode #2.
 - The block rate is 75 blocks/second.
 - SCSI bus transfer burst rate is 1.5MB/second.
 - Rotational speed is approximately 230 to 530 rpm (variable).
 - Startup time is typically 5 seconds, but media-dependent.
 - Spin-down time is typically 2 seconds.

Electrical requirements

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- 100 to 240 volts AC for line voltage
 - Frequency is 50 to 60 hertz with maximum power of 40 watts.

Environmental requirements

- Operating temperature: 50 to 104 degrees Fahrenheit (10 to 40 degrees Centigrade)
- Storage temperature: -22 to 122 degrees Fahrenheit (-30 to 50 degrees Centigrade)

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 (8 kg)

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