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CD Multimedia Kit for PCs: Technical Spec (Discontinued)

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Article Revised/Updated: 13 September 1993

TOPIC -----

This article gives the technical specifications for the CD Multimedia Kit for PCs.

DISCUSSION -----

AppleCD 300i internal drive

Performance:

- Double-speed (300 KB/sec.) data-transfer rate
- 256KB buffer for faster data transfer
- Average access time of 295 ms

Compatibility:

- Compatible with ISO 9660 including High Sierra format and Macintosh HFS
- Supports multiple CD-ROM formats, including CD-ROM XA, multisession Photo CD, CD+G, and CD+MIDI
- Plays standard audio CDs
- CD digital audio data via SCSI

Reliability:

- Automatic lens cleaning and double front-loading door for better dust protection

AppleDesign Powered Speakers

Audio quality:

- Tuned-port bass-reflex system for extended low-frequency response
- Active equalization for best frequency response at all listening levels
- Focused sonic dispersion to optimize output for personal, near-field listening
- Noise-reduction circuitry for audio clarity

Computer connectivity and use:

- Dual-input mixer for computer-and CD-generated sound
- Magnetic shielding to avoid image distortion on computer displays

- Small, sleek design to fit on a desk
- Compatible with virtually any personal computer, CD or audio cassette player, or television supporting sound output
- Built-in dual-channel amplifier
- Power, volume, and balance controls conveniently located on the front panel
- Headphone jack for privacy

Pro AudioSpectrum 16 sound card 16-bit sampling and playback

- 8-, 12-, and 16-bit PCM 2 kHz-44kHz in stereo
- Dynamic filtering 4 Hz-20 kHz programmable
- Yamaha YMF262 (OPL-3) 20-voice synthesizer

Volume control:

- Master volume: 0 to -62 dB (1 dB/step)
- Input mixer +1 to -60 dB (2 dB/step)

Signal audio output:

- 1 V p-p reference

Dynamic range and signal to noise:

- Synthesized and mixed audio: 90 dB
- Sampled audio PCM: 90 dB
- Total harmonic distortion: 0.05%

Frequency response:

- 30 Hz-20 kHz (+/- 3 dB)

System requirements:

- An 80386SX-based personal computer or greater running at 25 MHz or faster
- 4MB of RAM or greater
- 10MB of available hard disk space
- VGA color display
- 5.25" half-height expansion bay
- ISA internal expansion slot
- Microsoft Windows version 3.0 or later and MS-DOS 5.0 or later

Ordering Information

CD Multimedia Kit for PC
 Order No. M2160LL/A

Related Products

AppleCD Caddy (box of 5)
 Order No. M2705LL/A

Article Change History

13 September 1993 - Added system requirements for Media Vision sound card

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