Tech Info Library

CD Multimedia Kit for PCs: Technical Spec (Discontinued)

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Revised:        5/7/96
Security:       Everyone


CD Multimedia Kit for PCs: Technical Spec (Discontinued)


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Article Created: 1 September 1993
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
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Performance:
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• Double-speed (300 KB/sec.) data-transfer rate
• 256KB buffer for faster data transfer
• Average access time of 295 ms

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Compatibility:
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• 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

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

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AppleDesign Powered Speakers
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Audio quality:
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• 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

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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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