



CD-i/PC 2.0: Full-Screen, Full-Motion CD-i and Video CD Playback on a PC

CD-i Playback Board for the PC

CD-i Compatible

- Plays all CD-i Titles, with true-color video and CD quality audio
- Supports all CD-ROM drives that read CD-i disc information

MPEG1-Quality Digital Video

- Provides theater-quality pictures
- Digital Video for playing of all CD-i Digital Video titles and Video CD software

On-Board Processing Power and Memory

- Performs all CD-i multimedia functions independently of the CPU. A 486SX/25 CPU displays the same quality and speed

as a Pentium. All CD-i titles run from CD, hard-drive or networks and do not use PC System memory or extensive storage.

Load and Play Without Lengthy Setup

CD-i software plays directly from disc, there is no need for lengthy installation of software, nor adaptations of memory settings and hard disk reorganizations.



Let's make things better.



PHILIPS

Turn your PC into a cinema, pop venue, adventure playground, photo album and action game platform

CD-i/PC 2.0 board by Philips Media Systems is the first theater quality CD-i and Video CD compatible playback controller for the PC. CD-i/PC 2.0 plays video through a resizable window on a standard VGA monitor at 25/30 frames per second. CD-i/PC 2.0 also captures still frames from all interactive CD-i and Video CD Applications. Additionally, it is possible to connect an external TV for the 'big' picture and an external HiFi set for its great Audio sound. The complete CD-i/PC 2.0 system consists of a high quality CD-i playback controller board with an on-board Video overlay interface turning your PC into a CD-i device.

The CD-i/PC 2.0 is also a high quality 16-bit sound system, delivering digital stereo audio sound.

When playing CD-i and within Video CD feature films, fully orchestrated soundtracks run simultaneously with full motion video images for the ultimate multimedia experience.

CD-i/PC 2.0 works with a VGA feature connector; it works with all VGA and SVGA standards.

TECHNICAL SPECIFICATIONS CD-I/PC 2.0

VIDEO PLAYBACK SPECIFICATIONS

MPEG Standard	Full compliance with MPEG ISO CD 11172
	Full compliance with CD-i Digital Video
	Full compliance with Video CD 'White Book'
Colors	All 16,7 Million colors (true-colors)
Resolution	CD-i resolution
Screen control	Resizable window controlled by software NTSC/PAL switchable
Multi screen	Picture on Monitor and on separate TV set

AUDIO SPECIFICATION

MPEG Sound	Standard Layer I and II
Playback	16-bit stereo PCM; 44,1 Khz sampling rate
Frequency Response	20Hz-20KHz
Audio Outputs	Stereo headphone output 2V RMS with 100 ohm load (speakers)
Signal-to-Noise	85dB
Dynamic range	79dB

RECOMMENDED CD-ROM DRIVE

Interface	IDE, SCSI, Proprietary
Speed	At least double speed
Standards	MPC2 compatible PhotoCD multisession compatible Reads CD-i disc information

SYSTEM REQUIREMENTS

IBM Compatible PC 486/25 or higher 4Mb DRAM
One free ISA slot (full-length) VGA or SVGA display controller including a VGA Feature Connector
DOS 5.0 or later and Microsoft Windows 3.1 or later

SYSTEM INTERFACE

Bus Interface	Standard IBM PC feature 16-bit ISA bus
Video Interface	15-pin VGA/SVGA connector
Video Output	15-pin VGA/SVGA connector CVBS Video out for TV set
Audio Output	Stereo mini headphone jack
CD-i I/O	CD-i I/O port (mini DIN8A) for dedicated CD-i controllers

REGULATOR APPROVAL

FCC	Class B Part 15
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SOFTWARE SUPPORT

Drivers for Windows3.1, Windows 95 and DOS
MPEG compatible with VideoCD
MCI Interface support through Microsoft Mediaplayer
Still Frame Video Grabber integrated in the user-interface

CABLES

VGA Input cable
CVBS video cable (to TV)
Pointing device

TYPENUMBERS

PAL Version	22ER9170/00
NTSC Version	22ER9170/17

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