

Creative® PC-DVD™ Encore 5X

With
DynamicXtended
RESOLUTION

Dxr™2

The Most Versatile DVD Solution for your PC!

Creative® PC-DVD™ Encore 5X brings affordable third-generation DVD-ROM technology to your PC. Dolby® Digital (AC-3®) 5.1-channel* audio, 32X maximum CD-ROM speeds, and Dxr™2 picture enhancement technology provides an exciting way to watch DVD movies and run CD programs.

With Creative PC-DVD Encore 5X, you get vibrant digital imagery of MPEG-2 video that's enhanced for high definition and smoothness, sparkling clarity and room-shaking thunder of Dolby Digital 5.1-channel audio with cinema-like surround-sound and massive high-speed storage. DVD discs store up to an amazing 17GB of information so DVD movies and titles can offer you more action, video, sound, and graphics - more content to engage you.

The Dxr2 decoder board generates high-resolution DVD video that's amazingly sharp. Connect it to your TV so the whole family can enjoy the hundreds of DVD movies available. When used with Creative's DeskTop Theater™ 5.1 surround system or an amplifier/receiver with Dolby Digital (AC-3) coaxial input, you can experience 5.1-channel surround sound for a cinema-like experience*.

*Dolby Digital (AC-3) 5.1-channel audio requires Creative DeskTop Theater 5.1 speaker system or an amplifier/receiver with Dolby Digital coaxial input, and Dolby Digital (AC-3) supported titles.



Creative PC-DVD
Encore 5X

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FEATURES OF PC-DVD™ ENCORE 5X

With Creative PC-DVD Encore 5X, you will benefit from the following features:

- ★ **DVD Player for Your TV**
Connect the Dxr™2 board to your TV and watch DVD movies from the comfort of your family room.
- ★ **DVD Player for your PC**
A high-definition, resolution-enhanced DVD player on your PC monitor in a fully-resizable window.
- ★ **Blazing 32x Speed CD-ROM Drive**
Average access time of 90ms and works with multiple CD formats.
- ★ **3rd-Generation DVD-ROM drive moves data at 5X speed**
Access up to 17GB of data and transfer DVD-ROM data at up to 6,760KB/second.
- ★ **VideoCD (Hardware MPEG-1) Player**
For both your PC and TV. A bonus when you want to play some of the thousands of Video CD titles available.
- ★ **Dxr2 - a state-of-the-art picture enhancer**
DynamicXtended Resolution™ technology (Dxr2) picture enhancement is undeniably better than many expensive line-doublers. Dxr2 enhances the already high-quality digital DVD signals to cinema-like quality on your PC. You will marvel at the excellent video quality which surpasses video produced by laser disc players or consumer DVD players. This is achieved with Creative's DynamicXtended Resolution technology which incorporates unique resolution-quadrupling, scaling, and filtering technologies to provide clean, smooth, and high-definition motion video on your PC.

MORE ABOUT DYNAMICXTENDED RESOLUTION TECHNOLOGY

Near Flicker-Free Picture

- ★ Dxr2 dramatically reduces the flicker and blurry horizontal lines of regular TV pictures caused by the 30 frames/second interlaced TV signal. By intelligently combining two adjacent interlaced fields into one and in the process, doubling the resolution and frame rate, Dxr2 gives you a full 60 frames/second, smooth and virtually flicker-free picture.

Reduced Combing Effects

- ★ "Combing effects" are artifacts that may appear around objects moving quickly across the screen in some conventional "line-doubled" video. Combing adds obscure horizontal effects to these moving objects. Dxr2 intelligently detects and cuts out these jagged lines before they can distort the picture. The strength of Dxr2 is demonstrated by delivering super-clean video almost free of "combed" lines.

Dynamically Resize in Any Direction up to 1280x1024

- ★ Many conventional resizing techniques use line replication which introduces unevenness and "jaggies", especially at disproportionate sizes. With Dxr2 technology, every pixel in the picture is recomputed then filtered to smoothen and sharpen the image at the new resolution. You'll be able to widen or narrow the screen to any size up to 1280x1024 in a window on your PC with virtually no jagged edges and uneven artifacts.

*Dolby® Digital (AC-3) 5.1-channel audio requires Creative DeskTop Theater™ 5.1 speaker system or an amplifier/receiver with Dolby Digital coaxial input, and Dolby Digital (AC-3) supported applications.

DOLBY DIGITAL AUDIO

- ★ With Dolby Digital (AC-3) 5.1-channel audio,* PC-DVD Encore 5X enables you to enjoy cinema-quality surround sound in the comfort of your home. Of course, you can enjoy the high-fidelity acoustic clarity of Dolby Digital audio, downmixed to 2 channels on your PC sound system. To enjoy the full potential of PC-DVD Encore 5X, combine it with a 6-speaker (5.1-channel) surround system and you'll be blown away by room-shaking, theater-quality surround sound on your favorite movie titles! For an affordable, yet high-quality 5.1-channel surround system, the Cambridge SoundWorks DeskTop Theater 5.1 is the smart choice (sold separately.)

SPECIFICATIONS

Creative® Dxr2 Decoder Board:

- ★ DynamicXtended resolution (Dxr2) picture enhancement technology for playback of high-definition video with smoother full-screen video images.
- ★ Vertical and horizontal interpolation filters and double-scanning at up to 60 frames/second provides virtually no artifacts at Windows® resolutions of up to 1280x1024
- ★ Works with Windows 95, 98, and Windows NT®
- ★ Onboard connectors for audio output to sound card, audio input from PC-DVD drive, and audio input from CD-ROM drive
- ★ Back panel connectors for AC-3 coaxial S/PDIF out, VGA output, VGA input, and S-Video/composite video output
- ★ Output MPEG and DVD 1.0 video at up to 30 frames/second (NTSC) or 24 frames/second (PAL)
- ★ Playback Dolby Digital (AC-3) 5.1-channel audio*, stereo audio (down-mixed from 5.1-channel, Dolby Digital audio), linear PCM audio, and MPEG audio (Video CD)
- ★ TV output includes support for:
 - NTSC at 640x400 and 600x400 at 60Hz
 - PAL at 640x480 and 800x600 at 50Hz
 - Composite and S-video signals
- ★ Supports Windows resolution settings of up to 1280x1024 at 24-bit color
- ★ Video overlay implementation

Creative Third-Generation PC-DVD 5X Drive:

- ★ Maximum data transfer rate of 6,760KB/second (5X) for DVD-ROM data and 4,800KB/second (32X) for CD-ROM data
- ★ Average data access time of 140ms (DVD-ROM) and 90ms (CD-ROM)
- ★ 512KB integrated buffer
- ★ Supports CD-Audio, CD-I, CD Extra, CD-ROM, CD-ROM/XA, CD-WO, Photo CD®, CD-R, CD-RW, DVD-ROM, DVD-R, and DVD-Video
- ★ Front panel controls for stereo headphone jack, volume, and eject/stop
- ★ Supports horizontal and vertical installation and operation
- ★ Front-loading tray mechanism
- ★ Internal design
- ★ CD-ROM data capacity of 748MB (mode 2) and 656MB (mode 1)
- ★ DVD-ROM data capacity of:
 - 1-layer disc: 4.7GB per side
 - 2-layer disc: 8.5GB per side

SOFTWARE

Creative PC-DVD Player

- ★ Control the playing of DVDs and CDs on your PC and customize settings. The easy-to-use control panel features a directional pad, status display, playback buttons, volume control, and menus for customizing settings such as audio, color, display mode, parental control, languages, and captions. The PC-DVD player also includes user-friendly features such as bookmarking, slow-motion playback and angle selection. (Availability of some features are title-dependent.)

Highly Recommended Companion: Cambridge SoundWorks DeskTop Theater 5.1

Documentation for some software provided in online format. Some features require support from the software title.

Creative PC-DVD Encore 5X is backed by a one-year limited warranty on parts and labor.

Technical Support

Telephone support is available Monday through Friday, 8:00 am to 10:00 pm, Central Time. Weekend hours may vary. Automated technical support, Bulletin Board service, and web-based information are available at www.creativehelp.com 24 hours a day, seven days a week.

Minimum System Requirements

- Microsoft® Windows 95 or Windows 98, or Windows NT
- 100MHz Pentium® processor
- 16MB RAM (32MB recommended)
- 6MB available hard disk space
- SVGA graphics adapter (256 colors, 640x480) with 2 MB RAM
- Available PCI rev.2.1 expansion slot for Dxr2 decoder board
- Available Enhanced IDE connector on motherboard for PC-DVD drive (Bus Mastering IDE connector recommended)
- Available half-height drive bay for Creative PC-DVD drive (drive rails may be required for some systems and are not included)
- Sound Blaster® 16 or above audio card
- Speakers or headphones
- Mouse

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Information Hotline: 800-998-5227
CompuServe: Go Blaster
BBs: 405-742-6660

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