

CyberLink
PowerDVD 10

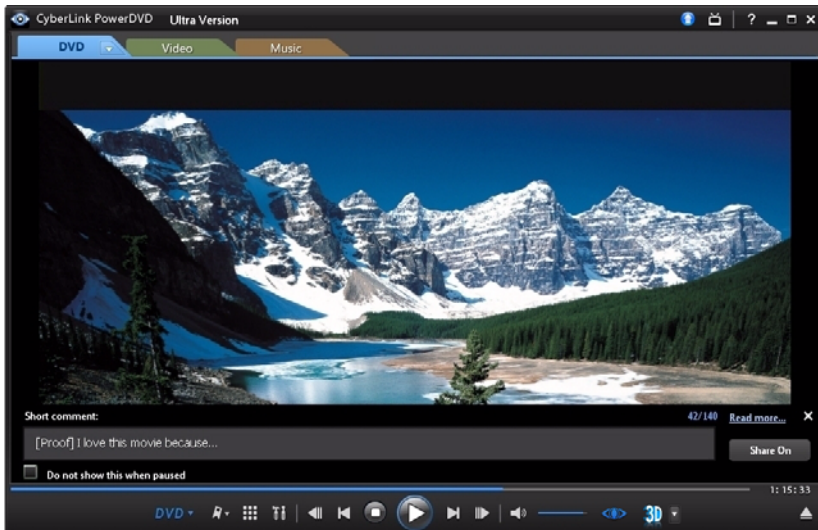
User's Guide



Chapter 1:

Introduction

Welcome to the CyberLink family of home entertainment products. CyberLink PowerDVD is a software disc player with all the features and controls of a regular living-room disc player. CyberLink PowerDVD offers feature-rich navigation controls for an interactive and tailored viewing experience.



This chapter introduces CyberLink PowerDVD's main features and provides an overview of what is new in this version. It also outlines the minimum system requirements for using the program.

Note: this document is for reference and informational use only. Its content and the corresponding program are subject to change without notice.

Main Features

CyberLink PowerDVD supports the playback of Blu-ray 3D Discs*, Blu-ray Discs*, DVDs, VCDs and a number of video and audio file formats. You can also play back AVCHD* and AVCREC* discs in some versions of CyberLink PowerDVD.

If that isn't enough, CyberLink PowerDVD can convert regular 2D video to 3D, lets you create and share MovieMarks and Movie Remixes*, share comments and reviews of movies in real-time, and helps you keep track of your discs and movie viewing history in the Movie Collection*.

CyberLink PowerDVD is the complete and comprehensive movie viewing experience for the PC.

New in this Version


The new features in this version of CyberLink PowerDVD include:

- Play back 3D Blu-ray Discs, DVDs and video.
- Convert 2D video to 3D using TrueTheater 3D*.
- Use TrueTheater™ video enhancement technologies to enhance video during the playback of DVDs and video files*.
- Use TrueTheater™ audio enhancement technologies to improve audio quality during the playback of Blu-ray Discs, DVDs, videos and audio*.
- Apply TrueTheater™ Noise Reduction and Stabilizer to fix your personal videos during playback*.
- Support for GPU acceleration (NVIDIA CUDA and AMD Accelerated Parallel Processing) for video decoding when TrueTheater HD is enabled.
- Share comments and reviews of movies in real-time on Facebook, Twitter, and MoovieLive using the Short Comment feature*.
- Add BookMarks with comments and share them as MovieMarks on Facebook and MoovieLive.
- Use media tabs to quickly access and play back movies, videos and music.
- Support for MKV, WTV, FLV, 3GP, 3G2 video file formats.
- Play back video files with DTS-HD, DD+, Dolby TrueHD audio*.
- Support for the Windows 7 Library when playing back audio and video files.
- Upload videos to YouTube*.
- Utilize ambient light sensor on supported notebooks/laptops to maximize battery life.

Note: * this feature is not available in some versions of CyberLink PowerDVD.

PowerDVD Modes

CyberLink PowerDVD has two different modes available for playing back your media content, **Classic mode** and **Cinema mode***.

- **Classic mode:** Classic mode is the main mode of CyberLink PowerDVD and contains all of the features listed in this document.
- **Cinema mode:** Cinema mode is for users who wish to view movies at a distance (10 foot) with a remote control. To switch to Cinema mode, select the  button on the title bar. Cinema mode is a simplified version of CyberLink PowerDVD and has less features than Classic mode.

Note: * this feature is not available in some versions of CyberLink PowerDVD.

CyberLink PowerDVD 10's Cinema Mode also comes fully integrated in Windows Media Center* when both are installed on your computer. The CyberLink PowerDVD shortcut is found in the TV + Movies section of Windows Media Center.

Note: see the help file within the Cinema mode of CyberLink PowerDVD for a detailed description of its features.

PowerDVD Versions

The features that are available in CyberLink PowerDVD are completely dependent on the version you have installed on your computer.

The version information is located beside the **Upgrade** button on the title bar when playback in CyberLink PowerDVD is stopped. Click the CyberLink PowerDVD logo on the top left or press Ctrl+A on your keyboard to determine the build number of your version.



Check the readme file for detailed versioning information.

Upgrading Your Software

Software upgrades and enhancements are periodically available from CyberLink. CyberLink PowerDVD automatically prompts you when either is available.

Note: you must connect to the Internet to use this feature.

To upgrade your software, do this:

1. Open the Upgrade Information window by doing one of the following:
 - click the  button.
 - press the **I** key on your keyboard.
 - click  and then click the **Upgrade** button.
2. Click the feature you would like to upgrade to.
3. A web browser window opens, where you can purchase product upgrades and enhancements.

System Requirements

The system requirements for CyberLink PowerDVD vary depending on the movie content you are watching. New 3D technologies require additional hardware to view 3D movie content. Please see the Hardware Support section on the CyberLink PowerDVD web site for more details about 3D hardware and graphics card support.

CyberLink PowerDVD optimizes performance by selecting the appropriate video de-interlacing algorithm for the available processing power. CyberLink PowerDVD maintains its support for processors below 1.6 GHz by ensuring that some CyberLink TrueTheater technologies are turned off by default. CyberLink PowerDVD's advanced audio and video technologies function better when used with processors above 2.4 GHz.

System Requirements for Blu-ray Disc, DVD, and TrueTheater 3D Playback

Operating System

- Microsoft Windows 7, Vista or XP SP3* (Windows XP Service Pack 3 is required).

Processor (CPU)

- Blu-ray Disc playback: Pentium 4 541 (3.2 GHz), Athlon 64 X2 3800+ or above.

- TrueTheater 3D playback: Pentium D 950 (3.0 GHz), AMD Athlon 64 X2 3800+ or above.
- DVD playback: Pentium 4 (2.4 GHz), Athlon 64 2800+ (1.8 GHz) or above.

Graphics Cards (GPU)

- Blu-ray Disc playback: Intel G45, AMD Radeon HD 2400, NVIDIA Geforce 7600GT or above.
- TrueTheater 3D playback: Intel G45, AMD Radeon HD 2400, NVIDIA Geforce 8800GT or above.
- DVD playback: AGP or PCI Express graphic accelerator supporting DirectX 9.0 or above.

Note: we strongly recommend that you update your graphics card driver to the latest version. A 3D display device is required for TrueTheater 3D playback.

System Memory (RAM)

- Blu-ray Disc playback: 2 GB required for Vista and Windows 7; 1 GB required for Windows XP.
- DVD and TrueTheater 3D playback: 1 GB required for Vista and Windows 7; 512 MB required for Windows XP.

Hard Disk Space

- 300 MB required

Display Devices

- DVD and Blu-ray Disc playback: HDCP compliant display for digital output. TV or computer monitor for analog output.
- TrueTheater 3D playback: 3D display and 3D glasses are required. HDCP compliant display for digital output. TV or computer monitor for analog output.

Disc Drives

- Blu-ray Disc playback: BD-ROM/BD-RE or Super Multi Blu combo disc drive.
- DVD and TrueTheater 3D playback: DVD-ROM, DVD+-R/RW, DVD-RAM or DVD Super Multi combo disc drive.

Microphone

- A microphone is required for recording voice-overs in Movie Remix mode.

Internet Connection

- An Internet connection is required for web services.

Note: * CyberLink PowerDVD with NVIDIA 3D Vision is not supported under Windows XP.

System Requirements for Blu-ray 3D with Hardware Acceleration

Operating System

- Microsoft Windows 7, Vista or XP SP3* (Windows XP Service Pack 3 is required).

CPU

Intel Pentium D 950 (3.0 GHz), AMD Athlon 64 X2 4600+ (2.4 GHz) or above.

System Memory (RAM)

- 2 GB.

Graphics Cards (GPU)

- Intel Graphic Media Accelerator HD (Intel Core i3/i5), NVIDIA Geforce GTX 400, series and Geforce GT 240/320/330/340.

Display Devices

- 3D display and 3D glasses are required (NVIDIA 3D Vision*, 3D Ready HDTV, Micro-polarizer LCD, or anaglyph red/cyan glasses). HDCP compliant display for digital output.

Note: * CyberLink PowerDVD with NVIDIA 3D Vision is not supported under Windows XP.

System Requirements for Blu-ray 3D without Hardware Acceleration

Operating System

- Microsoft Windows 7, Vista or XP SP3* (Windows XP Service Pack 3 is required).

CPU

Intel Core 2 Duo E6750 (2.66 GHz), AMD Phenom 9450 (2.10 GHz) or above.

System Memory (RAM)

- 2 GB.

Graphics Cards (GPU)

- Intel G45, AMD Radeon HD2400, NVIDIA GeForce 7600GT or above.

Display Devices

- 3D display and 3D glasses are required (NVIDIA 3D Vision*, 3D Ready HDTV, Micro-polarizer LCD, or anaglyph red/cyan glasses). HDCP compliant display for digital output.

Note: * CyberLink PowerDVD with NVIDIA 3D Vision is not supported under Windows XP.
