

CyberLink Media Suite

User's Guide



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Chapter 1:

Introduction

Welcome to CyberLink Media Suite, the all-in-one multimedia suite that opens up the world of digital entertainment on your PC.

Using CyberLink Media Suite you can perform the following functions, and more:

- play discs, video files, and music with the world's #1 playback software on the PC.
- burn music or data discs in a variety of formats.
- edit videos with a powerful editing tool that provides unlimited move-making possibilities.
- convert* photos, videos, and audio to other media formats and transfer them to portable devices.
- access the unlimited content available for download to use in your creations from Flickr, Freesound, and DirectorZone.
- author Blu-ray Disc*, AVCHD*, and DVD discs with motion menus.
- organize your photos with features such as face tagging, or use them to create dazzling slideshows and photo gallery discs.
- record, trim, cut, and add effects to your audio files that you want to use in your video editing or share with friends
- share your photos on Flickr and Facebook, and upload your videos to YouTube or Facebook.
- back up and restore your data.
- create and print disc labels.
- access useful disc tools (erase discs, create and burn disc images).

Note: * available in CyberLink Media Suite Ultra and Pro versions only.

CyberLink Media Suite Programs

You access all the CyberLink Media Suite programs through the CyberLink PowerStarter interface. It provides easy access to all of the CyberLink software on your PC, for whatever task you have at hand. From managing your media files and creating movies, to organizing your disc content, burning discs and much more.

The PowerStarter Program

CyberLink PowerStarter is the complete portal for all of your CyberLink software.

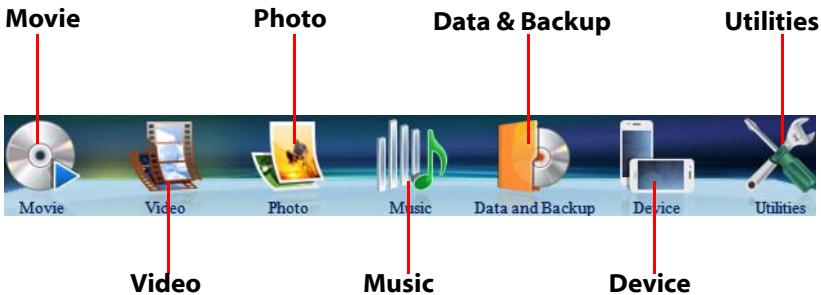


Menu Icons

CyberLink PowerStarter helps you work with your media using a task-based approach, launch your CyberLink software programs all from one convenient location, or easily upgrade/update any of these programs.

Menu Icons

Clicking a menu icon reveals a list of features and functions you can choose from, and provides instant and direct access to all of your CyberLink programs.



Click the menu icon that corresponds to the type of media you want to access or features you want to explore.

Movie



From the **Movie** menu you can watch movies on a disc or play back videos files on your hard drive. You can also use the advisor tool to check the Blu-ray and 3D compatibility of your current system, or view movie information on MoovieLive.com.

Video



In the **Video** menu you can capture and import videos from a variety of sources, and then edit them into creative movie productions. You can then author discs with professional looking menus, or share your videos with the world by uploading them to the Internet.

Photo



The **Photo** menu contains a variety of functions for importing, managing, fixing, and touching up your photos. Features also include the creation of slideshows, the authoring of photo discs, and the sharing and printing of your photos.

Music



Within **Music** you can play back your music or burn it to a disc in a variety of formats. You can also rip the music from an audio disc to your hard drive, and edit and enhance your digital audio files with rich effects.

Data & Backup



Access the **Data & Backup** menu to burn data files to a variety of different disc types. You can also copy your data and movie discs, or back up all of the important data on your computer and then restore it when required.

Device



Select the **Device** menu to convert and transfer media on your computer to connected devices, such as mobile phones or portable media players. You can also view online tutorials that outline the procedure for transferring media to portables devices.

Utilities



Use the **Utilities** menu to manage your discs by creating, burning or extracting files from disc images. You can also erase rewritable discs, edit some video discs, burn DVD folders to disc, or design and print disc labels.

Function Icons

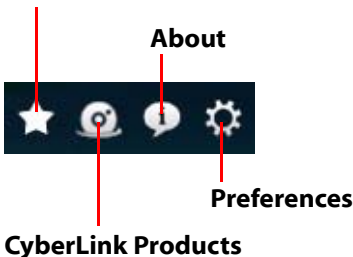
Select one of the menu icons to reveal all the available functions and tasks you can perform using your CyberLink software. Select any of the functions to open the corresponding software program and complete the specified task, or access the requested feature.




Quick Access Buttons

CyberLink PowerStarter also includes the following buttons that provide access to the **Favorites**, **CyberLink Products**, **About**, and **Preferences** windows.


Favorites




Favorites

You can add the functions and programs you use most often into the Favorites menu, so you can quickly and easily access them when required. Click the  button to view the Favorites menu.


By default, this window is empty, but you can add a function or program to the **Favorites** menu by doing this:

1. Click the menu icon to display the function/program you want to add to your favorites.
2. Hover your mouse over the function/program and then click .



Note: if you would like to remove a function/program from your favorites, hover over it in the Favorites menu and then click .

CyberLink Products


To view a list of the CyberLink programs installed on your computer, click . You can then select any of the program names to open the corresponding software.

Note: the specific programs available within CyberLink PowerStarter is dependent on the products installed on your computer and the versions you purchased.

About

Click  to display CyberLink PowerStarter version information.


Preferences


To configure the behavior of the CyberLink PowerStarter program, click the  button, and then set your desired preferences.

- **Return to PowerStarter after you close a program:** select this option to return to the CyberLink PowerStarter main window after you close a program you accessed through the program portal.

- **Automatically check for the latest version:** select this option if you want CyberLink PowerStarter to automatically check for newer versions of the installed software programs every 14 days. When new versions are available, the corresponding **Update** and **Upgrade** buttons in the Upgrade window are enabled.
- **Receive CyberLink product information:** allows you to enable/disable banner and running text in the About window.
- **Display language:** select the **Use system default language** option to use the same language as your current operating system language, or select the other option and manually select the UI language from the drop down list that you want to use.

Upgrading/Updating CyberLink Software

Select the  button to access the Upgrade/Update window, where you can view product version information for the CyberLink programs currently installed on your computer. They are listed in a table, along with the current version number, and buttons indicating whether or not there is a free update or an upgrade for the software available.

When enabled, click on  in the **Update** column to open a page that lets you download the latest patch update for the corresponding software.

You may also click on  in the **Upgrade** column to open a page that allows you to upgrade a specific product, when available.

Version Table

The following table shows the differences between the available versions of CyberLink Media Suite 9.0.

Product	CMS 9.0 Ultra	CMS 9.0 Pro	CMS 9.0 Centra
PowerDVD	10.0 BD Express	10.0 Standard 3D	10.0 Standard
PowerDirector	8.0 Ultra	8.0 Ultra	8.0 Deluxe
Power2Go	7.0 DE	7.0 DE	7.0 DE
MediaEspresso	6.0 Deluxe	6.0 Deluxe	--
PowerProducer	5.5 Ultra	5.5 Ultra	5.5 Standard
PowerBackup	2.6 Standard	2.6 Standard	2.6 Standard
PowerDVD Copy	1.5 Standard	1.5 Standard	1.5 Standard
MediaShow	5.0 Deluxe	5.0 Deluxe	5.0 Deluxe
LabelPrint	2.5 Standard	2.5 Standard	2.5 Standard
Instant Burn	5.0 Standard	5.0 Standard	5.0 Standard
PhotoNow	1.0 Standard	1.0 Standard	1.0 Standard
WaveEditor	1.0 Standard	1.0 Standard	1.0 Standard
PowerStarter	9.0	9.0	9.0

Note: some functions or programs may not be available in the version of CyberLink Media Suite that you have installed on your computer. For information on the features contained in specific programs, see that program's readme or help file.

System Requirements

The system requirements listed below are recommended as minimums for working with the programs. You may find that your system, while meeting these recommended minimums, requires expanded capacity for some tasks.

Minimum System Requirements

OS

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

Screen Resolution

- 1024 x 768, 16-bit color or above.

Display Device

Minimum:

- HDCP compliant display for digital output.

3D display:

- NVIDIA 3D Vision*, 3D Ready HDTV, or Micro-polarizer LCD, and matching 3D glasses, are required** for 3D playback.

****Note:** 3D playback is possible without a 3D compatible display device with anaglyph red/cyan glasses only.

Memory

Minimum:

- 512 MB required (1 GB or above recommended).

HD editing, Blu-ray Disc and Blu-ray 3D playback:

- 2 GB or above recommended.

HDD Space

Minimum:

- 5 GB required (400 MB for SmartSound Quicktracks Library)

Disc burning:

- **DVD:** 10 GB (20 GB recommended) required.
- **Blu-ray Disc/AVCHD:** 60 GB (100 GB recommended) required for Blu-ray Disc/AVCHD production

Minimum System Requirements

CPU

Media playback:

- **TrueTheater 3D:** Pentium D 950 (3.0 GHz), AMD Athlon 64 X2 3800+ or above.
- **Blu-ray Disc:** Pentium 4 541 (3.2 GHz), AMD Athlon 64 X2 3800+ or above.
- **Blu-ray 3D with hardware acceleration:** Intel Pentium D 950 (3.0 GHz), AMD Athlon 64 X2 4600+ (2.4 GHz) or above.
- **Blu-ray 3D without hardware acceleration:** Intel Core 2 Duo E6750 (2.66GHz), AMD Phenom 9450 (2.10GHz) or above.

Producing (video file render):

- **DVD Quality (MPEG-2) Profiles:** Pentium 4 2.2 GHz or AMD Athlon XP 2200+.
- **High Quality (MPEG-4 and Streaming WMV, QuickTime, RealVideo) Profiles:** Pentium 4 2.4 GHz or AMD Athlon XP 2400+.

Disc burning:

- **AVCHD and MPEG-2 HD (for Blu-ray Disc burning) Profiles:** Pentium Core 2 Duo E6400 or Athlon 64 X2 5000+.

VGA

Media playback:

- **DVD:** AGP or PCI Express graphic accelerator supporting DirectX 9.0 or above
- **TrueTheater 3D:** Intel G45, ATI Radeon HD 2400, NVIDIA GeForce 8800GT or above
- **Blu-ray Disc:** Intel G45, ATI Radeon HD 2400, NVIDIA GeForce 7600GT or above
- **Blu-ray 3D with hardware acceleration:** Intel Graphic Media Accelerator HD (Intel Core i3/i5), NVIDIA GeForce GTX 400, series and GeForce GT 240/320/330/340
- **Blu-ray 3D without hardware acceleration:** Intel G45, ATI Radeon HD 2400, NVIDIA GeForce 8600GT or above

Minimum System Requirements

DV	<ul style="list-style-type: none">• OHCI IEEE 1394 compliant device
Video Capturing Device	<ul style="list-style-type: none">• PCI or USB1.0/2.0 capture device compliant with WDM standard (i.e. PC Camera and TV tuner with WDM driver)• DV camcorder connected via OHCI-compliant IEEE1394 (check CyberLink web site) for supported model list)• DVD camcorder connected via USB 2.0 (check CyberLink web site for supported model list)• Sony MicroMV/AVCHD/HDV camcorder (check CyberLink web site for supported model list)
Burning	<ul style="list-style-type: none">• A CD or DVD burner (CD-R/RW, DVD+R/RW or DVD-R/RW) is required to burn VCD/DVD/SVCD/AVCHD titles• A Blu-ray Disc recordable drive is required to burn Blu-ray Disc titles

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

Chapter 2:

Movie

CyberLink Media Suite provides access to CyberLink PowerDVD, a software disc player with all the features and controls of a normal living room disc player. It offers feature-rich navigation controls for an interactive and tailored viewing experience.




CyberLink PowerDVD also provides instant access to all the movie information you will need on MoovieLive.com.

Playing Movie Discs

To start watching a movie disc, select the **Play a Movie Disc** function within the **Movie** menu of CyberLink PowerStarter. CyberLink PowerDVD opens, displaying the **Movie** tab.

Note: for a more detailed description of this program and its functions, please consult the product's help file.

When you insert a video disc (Blu-ray 3D Disc*, Blu-ray Disc*, DVD, VCD, SVCD) into your disc drive, CyberLink PowerDVD plays it automatically. If there is a disc already in your disc drive when you opened CyberLink PowerDVD, select the Movie tab (BD*, DVD, VCD, etc.,) click , select the drive that contains the disc, and then click the play button.

Note: * available in CyberLink Media Suite Ultra only.

Supported Disc Types and Formats

The optical disc formats that CyberLink PowerDVD supports are listed below:

Optical Disc Types	File Formats
Blu-ray Discs/Blu-ray 3D Discs*	BDAV, BDMV
DVD	DVD-Video, AVCHD*, AVCREC*, DVD-VR, DVD+VR
CD	VCD, SVCD

Note: * available in CyberLink Media Suite Ultra only.

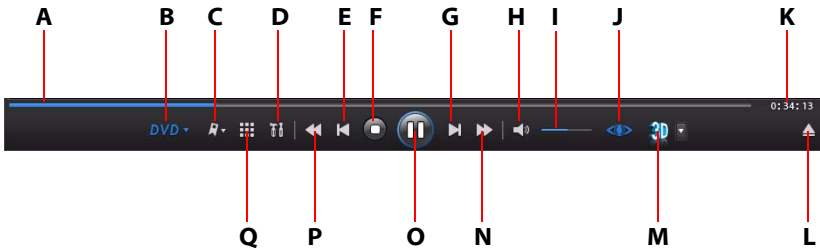
Playback Controls

CyberLink PowerDVD playback controls provide effortless navigation of discs and other media, and easy access to all of the program's main features.



Main Controls

CyberLink PowerDVD main playback controls give you access to some of the most commonly used functions. Depending on the type of media you are playing, the playback controls display differently.

When playing back media, the main playback controls display as follows:



Button/Icon	Hotkey	Description
A Navigational slider		Visually displays elapsed playback time. Click along the slider to jump to different times in the movie, video, song, etc.
B Media playback menu		When playing movie discs and videos you can select subtitles, set playback language, choose a viewing angle, and much more.
C BookMark Functions		BookMark your favorites scenes of DVD movies and videos, and access the BookMark Viewer.
D Settings	Ctrl+C	Provides access to CyberLink PowerDVD settings.
E Previous	P	Returns to previous chapter.
F Stop	S	Stops playback of media.
G Next	N	Jumps to next chapter.
H Mute	Q	Mute volume.
I Volume adjustment	+,-	Increase or decrease volume.

	Button/Icon	Hotkey	Description
J	TrueTheater effects*		Provides access to the TrueTheater video effect controls.
K	Elapsed/remaining time		Click to toggle between elapsed and remaining playback time.
L	Eject	Ctrl+E	Ejects the disc in the selected disc drive.
M	Enable 3D*		Enable Blu-ray 3D Disc playback and convert 2D movies to 3D using TrueTheater 3D.
N	Fast forward/Step forward (when paused)	T/F	Fast forwards through the disc content at incremental speeds. When playback is paused, use the  button or press F on your keyboard to go to the next frame of video.
O	Play/Pause	Enter/Space bar	Plays and pauses media playback.
P	Rewind/Step backward (when paused)	B/E	Reverses through disc content at incremental speeds. When playback is paused, use the  button or press E on your keyboard to go to the previous frame.
Q	More Functions		Provides access to more functions, including the number pad and extra buttons.

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



Playback Features

The following are some playback features that are sure to enhance your movie viewing experience.

Chapter Viewer

The Chapter Viewer lets you view the chapter thumbnails for DVDs in one of two modes, FancyView and grid view. Click on **DVD** and then select **Chapter Viewer** to open it in CyberLink PowerDVD.

Note: the Chapter Viewer is not available for Blu-ray Disc titles for content protection reasons.

- **FancyView:** click on  to display the chapter thumbnails in FancyView. Use a remote control, your keyboard or notebook touch pad to scroll through the thumbnails. You can also click and drag the chapter thumbnails with your mouse. Select a chapter thumbnail to start playback from that chapter.
- **Grid view:** click on  to display the chapter thumbnails in grid view. Use a remote control or your mouse to browse through the chapter thumbnails. Select a chapter thumbnail to start playback from that chapter.

Short Comments

During the playback of DVD or Blu-ray Disc movies you can click the pause button and enter a short comment* or review about the movie you are watching. You can then share the comment in real-time on Facebook, Twitter and MoovieLive.

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

To enter and share a short comment, do this:

Note: in the Short comments field, you can enter a maximum of 140 characters.

1. During movie playback, click the pause button.


2. In the field provided, enter a short comment about the movie or current scene.
3. Click on **Share**.
4. Select which sites you want to share the short comment on, and then click on **Share**. Follow the steps on the user interface to complete the sharing for each select web service.

Note: if you previously selected **Do not show this when paused**, click on the media playback menu (DVD or Blu-ray) and then select **Short Comments** to display the field.

BookMark Functions

During the playback of DVDs and videos, select  to bookmark your favorite scenes and gain access to the BookMark Viewer.

To bookmark a scene, do this:


1. Click on  and then select **Add BookMark**.
2. Enter in a comment in the **Comments** field. The comment may be a description of the scene or a commentary/observation about it.
3. Click on **Save**, or **Save & View** to view the comments at the bottom of the screen while the scene plays.

BookMark Viewer

In the BookMark Viewer you can view and edit all of the bookmarked scenes and associated comments for the current DVD or video you are playing. You can also export and share DVD BookMarks on MoovieLive or Facebook, or download and import more BookMarks for a DVD created by other CyberLink PowerDVD users.

To open the BookMark Viewer, click on  and then select **BookMark Viewer**.

TrueTheater Effects Window

Click the  button to display the TrueTheater Effects* window.

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

TrueTheater effects are a group of video and audio enhancement technologies from CyberLink that help provide the best viewing experience possible during the playback of your media.

Note: TrueTheater video effects are disabled during the playback of Blu-ray Disc titles and when hardware acceleration is enabled.

TrueTheater Video Effects

During the playback of DVDs and video files, you can enable TrueTheater video effects to maximize the video playback quality.

Note: CyberLink PowerDVD cannot apply certain TrueTheater video effects to some video file formats.

- **Auto adjustment:** select this option to apply all TrueTheater effects automatically when playing DVDs and videos. CyberLink PowerDVD dynamically adjusts (turns on or off) TrueTheater HD and Motion according to the CPU usage and mobile power settings (notebook/laptop users only).
- **TrueTheater HD:** select this option to up scale the original video to a higher resolution version, which is sharper and artifact-free. TrueTheater HD is capable of boosting 480p video to 1080p. Use the slider to adjust the sharpness to the best output that suits your configuration.

Note: if your computer supports NVIDIA CUDA/AMD Accelerated Parallel Processing technology, select **Enable NVIDIA CUDA/AMD Accelerated Parallel Processing** to use GPU acceleration to decode the video for smoother playback when TrueTheater HD is enabled.

- **TrueTheater Lighting (CyberLink Eagle Vision 2):** is a video enhancement technology developed by CyberLink that detects video content and dynamically adjusts the brightness/contrast/saturation ratios so that you do not need to change the color settings if the video you are watching contains scenes that are overly dark or too bright. Use the level slider to adjust the TrueTheater Lighting effect the desired amount.

- **TrueTheater Motion:** select this option to enable frame rate upsampling, from 24 fps up to 60 fps, to make panning scenes, particularly in action movies, play more smoothly. The Smoother option doubles the frame rate of the original movie content, while Smoothest can improve the frame rate of video content to 60 frames/s or 72 frames/s, depending on the output frame rate of your display.
- **TrueTheater Noise Reduction:** select this option to reduce the amount of video noise when playing home video files in CyberLink PowerDVD, including High-ISO and TV signal noise. Once enabled, drag the slider to increase or decrease the level of noise reduction on the video.

Note: this feature is not available for DVD playback.




- **TrueTheater Stabilizer:** select this option to employ motion compensation technology when playing home video files that are shaky. This feature is ideal for use with video files taken without a tripod or recorded while moving.

Note: this feature is not available for DVD playback.

TrueTheater Effect Display Mode

The TrueTheater effect display mode option is available when you enable TrueTheater effects and lets you select how video displays during playback.

You can select from the following display modes:

- : select to view the applied TrueTheater effects on the entire video in normal mode.
- : select to compare the applied TrueTheater effects in split mode, with the left half of the video played back with the original video, while the right half has the video enhancements applied.
- : select to preview the applied TrueTheater effects on the entire video using compare mode, with the left side containing the original video, while the right side contains the same video with the video enhancements applied.

3D Playback

CyberLink PowerDVD supports the playback of 3D* Blu-ray Discs*, DVDs, and video files. CyberLink PowerDVD can also convert any regular 2D DVD movie and video file into 3D using TrueTheater 3D*.

3D Playback Warning: if you experience headaches, dizziness, nausea, blurry eyesight or other symptoms while watching 3D video content, it is highly recommended that you stop playback immediately and see your doctor.

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

The first time you launch the CyberLink PowerDVD program, you are asked if you want to set up your 3D display device. Click the **Yes** button to set it up and then select the **Display Device** tab. Select **Auto detect 3D display** to have CyberLink PowerDVD choose your display device for you, or you can manually select it from the drop-down menu if you select the second radio button.

Note: if you do not have a compatible 3D display device, you can select **Anaglyph Red/Cyan** and then enable the 3D options to watch content in 3D with anaglyphic (red/cyan) 3D glasses.

If you did not set up your 3D display device at first launch, you can do so at any time in the 3D Display Configuration window. See "3D Display Configuration" on page 20 for more information.



Note: a number of features are disabled during 3D playback. See the readme for a detailed list.

Enabling 3D Playback



When you insert a 3D Blu-ray Disc or DVD, or play a 3D video file, CyberLink PowerDVD plays it back automatically in 3D if 3D mode is enabled. CyberLink PowerDVD also automatically converts all 2D DVDs and video files to 3D using TrueTheater 3D once 3D mode is enabled.

To enable 3D playback, just select the  button on the playback controls.

Note: 3D mode is enabled when the 3D icon on the playback controls displays as .

If you need to adjust your 3D display configuration or the playback settings, click  next to the  button on the playback controls. See 3D Display Configuration for details on all the available configuration options.

3D Display Configuration

To open the 3D Display Configuration window, click  next to the  button on the playback controls. Configure the 3D settings as follows:

General

On the **General** tab, set the 3D display configuration.

- **3D scene depth:** if required, use the slider to adjust the amount of depth in the video image, until the resulting 3D image is optimized for your specific setup.
- **Swapping left/right eye views:** during the playback of 3D content, if you begin to feel uncomfortable or uneasy, it may be because the layout of the 3D video is displayed differently than most standard content. If this occurs, try selecting the opposite eye view. This switches the way the 3D content is displayed on your display device, and may reduce the discomfort.

Source Format

If 3D content is not displaying properly during the playback of 3D DVDs or video files, you can manually set the 3D video format on the **Source Format** tab.

- **Auto detect format:** select this option to have CyberLink PowerDVD automatically detect the video format of the 3D content for you. When selected, CyberLink PowerDVD automatically plays 3D DVDs and video files in 3D when 3D mode is enabled. If CyberLink PowerDVD detects that you are playing a 2D DVD or video file, it uses TrueTheater 3D to convert the 2D video to 3D.
- **Side by side format:** select this option if the 3D content has two different video images side by side. CyberLink PowerDVD merges the two images to produce the 3D effect.
- **Over/under format:** select this option if the 3D content has two different video images. one on top of the other. CyberLink PowerDVD merges the two images to produce the 3D effect.

- **2D format:** select this option if the content is in regular 2D mode and you want to use CyberLink TrueTheater to convert to 3D.


Display Device

On the **Display Device** tab you can set up your 3D display device.

- **Auto detect 3D display:** select this option to have CyberLink PowerDVD automatically detect your device for you. If you do not have a 3D display, CyberLink PowerDVD plays 3D content in **Anaglyph Red/Cyan** mode and then watch content in 3D with anaglyphic (red/cyan) 3D glasses.
- If you want to manually select your 3D display device, select the other radio button and then select it from the drop-down menu. If you do not have a 3D display device, can select **Anaglyph Red/Cyan** and then use anaglyphic (red/cyan) 3D glasses to watch 3D content.

Settings

This settings window lets you configure CyberLink PowerDVD to suit your specific playback requirements.

You can access the Settings window at any time by clicking the  button on the playback controls or pressing Ctrl+C on your keyboard.

Note: for a detailed description of the all available settings in this program, please consult the **Settings** sections of the CyberLink PowerDVD help file.

Online Movie Information

To read movie reviews, watch movie trailers, and much more, select the **Online Movie Info** option in the Movie menu.

MoovieLive

MoovieLive is a web service that lets you share the movie viewing experience with other CyberLink PowerDVD users. When signed into MoovieLive you can:

- view rating, review and viewing information for a movie.
- view detailed information about a movie.
- submit your short comments, ratings, and updates to the movie information.
- view and download available MovieMarks and Movie Remixes for a movie.

Go to www.moovielive.com to view more information on the features and benefits of the MoovieLive web site.

Chapter 3:

Video

The video functions in CyberLink Media Suite let you playback your video files and perform a variety of tasks, including the capture of video content from a variety of sources with CyberLink PowerDirector and the burning of HDV/DV video with CyberLink PowerProducer.



You can also perform advanced editing on your video with CyberLink PowerDirector, or use CyberLink MediaShow to organize, enhance, and share your videos.



Note: for a more detailed description of these programs and there functions, please consult the product help files.

Playing Video Files

To start watching a video file select the **Play Video Files** function within the **Video** menu of CyberLink PowerStarter. CyberLink PowerDVD opens, displaying the **Video** tab.

You can play back videos in one of the following ways:

- drag and drop a video file directly onto the CyberLink PowerDVD user interface.
- to play a video file on your hard drive, click the **Video** tab, select **Computer** in the Source pane, and then browse to the folder that contains your video file or DVD folder. Double-click on a video file to begin playback. To play a DVD folder, select it and then click the play button.

Note: click on  to view all the video files in the selected folder in the thumbnail view, or  to view a detailed list of all the video files.

- to play a video file that is on a network (UPnP), click the **Video** tab, select **Network** in the Source pane, and then navigate to the location on the network that contains your video file or DVD folder. Double-click on a video file to begin playback. To play a DVD folder, select it and then click the play button.
- right click on a video file and select **Open With**. Select CyberLink PowerDVD from the available list of programs.

Note: see "Playback Controls" on page 12 for information on using the playback controls available in CyberLink PowerDVD.

Supported Video File Formats

In CyberLink PowerDVD you can play back video in the following file formats:


Video formats: MPG, MPEG, AVI, DAT, WMV, ASF, VOB, DVR-MS, MOD, TOD, M2TS, MP4, DV, DIV, DivX*, MPV, M1V, TRP, M2V, AVC, MOV, RMX, TIVO, VRO, WTV, FLV, MKV, 3GP, 3G2.



Note: * available in CyberLink Media Suite Ultra only.

Creating Video Playlists

On the **Video** tab of CyberLink PowerDVD you can create a playlist of your videos, so that they play back one after the other.

To create a playlist, do this:

1. Click on the **Video** tab.
2. In the Playlists pane, click on  to create a new playlist. Double-click on the playlist to give it a custom name, if required.
3. Browse to the folders that contain the video files you want in the playlist.
4. To add a video file to the playlist, select it, click the **Add to Playlist** button and then select the playlist you just created from the pop-up list. You can also drag and drop the video files on to the playlist name in the Playlists pane.
5. To begin playing the videos in your created playlist, select it in the Playlists pane and then click the play button. CyberLink PowerDVD will play all the files in the playlist.

Note: click  in the Playlists pane to export the playlist you created or import other playlists you created previously in the .PLS and .M3U formats. Click  to delete a playlist from the list.

Capturing Videos

With CyberLink PowerDirector you can also capture video from a webcam, TV signal, DVD, and more. You can also perform more advanced captures from DV/HDV camcorders.

To capture video in CyberLink PowerDirector, do this:

1. Select the **Capture Videos** function in the **Video** menu of CyberLink PowerStarter. The CyberLink PowerDirector capture window displays.



2. Ensure that your capture device is connected, and then select your method of capture by clicking the corresponding button above the preview window.

Note: for a detailed description on how to capture videos in CyberLink PowerDirector, press the F1 key on your keyboard when in the capture window. In the help file, see the **Capturing Media** section within the **Pre-Production** chapter.

3. All the video you capture is saved to the Captured Content area.

Captured Content

All of the media you capture in the capture window is displayed in the Captured Content area.

In the Captured Content area you can right click on media to perform a number of options, including detecting scenes in video clips and deleting unwanted content so that it won't import into Edit window.

Select the **Change Folder** button to specify the folder you want all of the captured media to be stored.

Organizing Videos

Once you have all of your videos in CyberLink MediaShow, you can use the program to organize them and prepare them for editing, burning, uploading to the Internet, and more.

To organize your videos using CyberLink MediaShow, do this:

1. Select the **Organize Videos** function within the **Video** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.

Using the Library

When you import your videos into CyberLink MediaShow, they are automatically categorized into a series of folders for easy browsing within the library. The library also categorizes your media into albums, and by search tags.

The library consists of the following sections:

- **Albums**
- **Folders**
- **Tags**

Albums



You can create new albums or place your media into existing ones, helping you organize your media and prepare it for movies, discs, etc.

Note: when you add media to your favorites, it is placed into the **Favorite Media** folder within albums automatically.

Favorites

CyberLink MediaShow lets you add the videos you like the most to your favorites. When you add media to your favorites, it is added to the **Favorite Media** folder in albums, where you can easily view them or add them to a slideshow, disc, or share them with friends and family.

To add media to your favorites, do one of the following:

- select the media files you want to add in the media window and then click on the  button.
- while viewing a slideshow or video, click on the  button.
- drag and drop media into the **Favorite Media** folder in albums.

Folders

When your media is imported into CyberLink MediaShow, it is automatically organized by year and the corresponding folders on your computer's hard drive in the folders section of the library.

Note: media located on removable drives and optical discs are not displayed in the folder list.

Tags

You can add search tags to your photos and videos within CyberLink MediaShow, which can help you find them later when searching through all of the media within the library. Search tags are also useful when uploading media to YouTube, as users search by tags to find media they are interested in.

Note: you can add more than one search tag to a single video.


Enhancing Videos

CyberLink MediaShow offers several editing features, including trimming unwanted portions from video clips, or performing various touch ups on videos in preparation for editing, uploading, etc.

Note: you can easily undo any edits that you make to a video by right-clicking on it in the media window and selecting **Undo Changes**. You can also use the **Edit Log** to roll back changes to a specific version. See "Viewing the Edit Log" on page 30 for more information.

To fix and enhance your videos, do this:

1. Select the **Enhance Videos** function within the **Video** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the videos you want to use, or select all of the individual videos in the library you want to fix/enhance.


Note: if you want to include multiple videos that are in different folders, select the videos you want and then click the  button to hold them on the tray for easier selection.

3. Click the **Next** button. The Edit window displays.

Trimming Videos

Select **Trim** within in the video edit window to remove the portions of a video that you don't want in a final movie or slideshow. Use the helpful tips on the user interface for a detailed description on how to use the trim function.

Making Video Fixes


CyberLink MediaShow provides you with several common required quick fixes for your videos, including fixing the lighting, correcting shaky video, and reducing audio and video noise. Click on the **Edit** button and then on the  tab to perform the following fixes on your videos.

- **Fix shaky video:** select to automatically fix a video clip that contains moments where the camera is shaking.
- **Auto fix lighting:** select to automatically fix the lighting within the video.
- **Reduce video noise:** select to reduce any video white noise or remove blocky artifacts from a video clip.
- **Reduce audio noise:** use this option to filter out background noise from the audio track. Drag the slider to remove more or less noise.


Once you are done selecting all the fixes you want to make to your video, select:

- **Preview Selected Fix** to view a preview of how the fix affects the video.
- **Apply Selected Fix** once you are satisfied with the results.

Fine Tuning Videos

Use the fine tune function if you want to manually adjust the **Brightness**, **Contrast**, **Saturation**, or **White balance** of your media. Click on the **Edit** button and then on the  tab to use the sliders to adjust the media file's properties. Select **Done** to save the changes.

Viewing the Edit Log

Click on the **Edit** button and then on the  tab, or just on the **Edit Log*** button, to view a history of all the edits made to the selected video within CyberLink MediaShow.


Note: * available in CyberLink Media Suite Ultra and Pro versions only.

Select **Original File** to undo all the changes you made to the media file. You can also select any of items in the edit log list to reset the changes to that point in the media file's edit history.

Advanced Editing of Videos

Use CyberLink PowerDirector to edit all of your video files into professional-looking movie masterpieces.

To edit your videos in CyberLink PowerDirector, do this:

1. Select the **Advanced Video Editing** function within the **Video** menu of CyberLink PowerStarter. The CyberLink PowerDirector edit window displays.
2. Click  to import media into the media room's library, using one of two options:
 - import media files individually.
 - import an entire folder that contains media files you want to use in your current project.

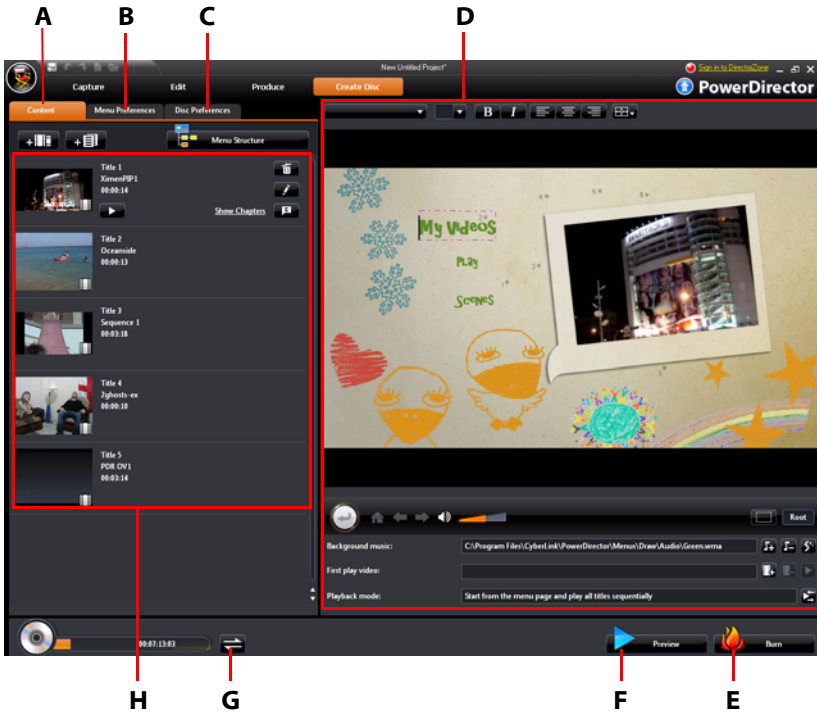
Note: videos you imported into CyberLink MediaShow using the **Import Videos** function are not automatically imported into CyberLink PowerDirector. You must browse to the folder you specified in the Importing Media window and then select the files or folder.

3. Proceed to edit your movie. If required, you can download additional media from Flickr and Freesound to include in your video production, and custom effects and titles from DirectorZone.

Note: for a detailed description on how to edit videos in CyberLink PowerDirector, press the F1 key on your keyboard when within the edit window. In the help file, see **The PowerDirector Workspace** and **Creating Your Story** sections.

Creating Video Discs

After you finish creating your video production, you can burn your movie onto a CD, DVD or Blu-ray Disc*, complete with stylish menus, in just a few simple steps in CyberLink PowerDirector. You can also import other videos and CyberLink PowerDirector projects, creating multi-layered and professional looking discs.









A - Disc Content Tab, B - Menu Preferences Tab, C- Disc Preferences Tab, D - Disc Menu Properties, E - Burn to Disc, F - Preview Disc Menu, G - Toggle Display, H - Disc Content

Note: * available in CyberLink Media Suite Ultra and Pro versions only.

To create a video disc in CyberLink PowerDirector, do this:

1. Select the **Create a Video Disc** function and then the format of the disc you want to create within the **Video** menu of CyberLink PowerStarter. The CyberLink PowerDirector Create Disc window displays.

2. On the Contents tab, import all of the videos you want on the disc by:
 - clicking on  to import any existing videos that you want on your created disc.
 - clicking on  to import any existing CyberLink PowerDirector projects that you want on your created disc.
 - clicking on the **Menu Structure** button to view a structure tree of your disc menu. This structure tree includes all the titles on your disc and displays any chapters contained within.
3. Once you import all of the videos and CyberLink PowerDirector projects that you want into your disc menu, you can then perform the following functions:
 - click on  to play the selected title.
 - click on  to remove the selected title from the disc menu.
 - click on  to edit the selected title in the Edit module.
 - click on  to view/set/edit the selected title's chapters.
4. Click on the **Menu Preferences** tab to edit the existing disc menu or to select a different menu template. Select the **Download** button to download additional disc menu templates from DirectorZone.
5. Proceed to customize your disc menu as required.

Note: for a detailed description on how to customize your disc menu in CyberLink PowerDirector, press the F1 key on your keyboard when within the Create Disc window. In the help file, see the **Creating Discs** section.

6. Click the **Burn** button to burn your video and customized menu to disc.

Burning HDV/DV Videos



You can burn video content from a DV or HDV camcorder directly onto a DVD or Blu-ray Disc without the intermediary step of first writing to your hard drive.

To burn HDV/DV videos directly to a disc in CyberLink PowerProducer, do this:

1. Select the **Quickly Burn HDV/DV Video** function within the **Video** menu of CyberLink PowerStarter. The CyberLink PowerProducer window displays.
2. Insert the disc you want to use and ensure the correct drive is selected.
3. Select a recording speed in the **Maximum speed** drop-down list.
4. Select the target disc format from the drop-down and then click **Next**.

5. From the **Recording from** drop-down list, select the camcorder you want to record from.

Note: make sure that your DV or HDV camcorder is turned on and set to VCR/Camera mode in order for it to be detected by CyberLink PowerProducer.

6. If required, click  to configure your device.
7. If required, set the configuration items.
8. If required, click on the Settings tab to display and set the disc and video settings.
9. Click the  on the Settings tab to make a custom menu for your disc.
10. Click **Record** to begin burning. CyberLink PowerProducer displays the real-time progress of the task. The burning process may take at least a few minutes, depending on the length of your video.

Uploading Videos

You can share all of your videos with your friends and family by uploading them directly from within the CyberLink MediaShow library to YouTube and Facebook.

Uploading Videos to YouTube

You can upload videos from the library directly to the YouTube video sharing web service.

To upload a video to YouTube, do this:

1. Select the **Upload to YouTube** function within the **Video** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the video in the library you want to upload.
3. Click the **Next** button. The Upload to YouTube wizard displays.
4. Follow the detailed instructions in the wizard and then click **Upload** to finish.

Note: if you do not have a YouTube account, you must register first before proceeding with the authorization.

5. Click the **Done** button once your video is uploaded.

Uploading Videos to Facebook

You can upload videos from the library directly to your Facebook page.

To upload a video to Facebook, do this:

1. Select the **Upload to Facebook** function within the **Video** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the video in the library you want to upload.
3. Click the **Next** button. The Upload to Facebook wizard displays.

Note: after clicking the **Authorize** button, you must log in to your Facebook page within your browser, and then return to the upload wizard to complete the authorization process for uploading a video to Facebook. If you do not have a Facebook account, you must register first before proceeding with the authorization.

4. Follow the detailed instructions in the wizard and then click **Upload** to finish.
5. Click the **Done** button once your video is uploaded.

Chapter 4:

Photo

The photo functions in CyberLink Media Suite let you organize, enhance, and share all of your photos using CyberLink MediaShow.



With CyberLink Media Suite you can also turn your photos into dazzling slideshows and photo gallery discs, print them out in a variety of formats, create slideshow DVDs, and much more.

Note: for a more detailed description of these programs and their functions, please consult the product help files.

Importing Photos

If there are some photos on your hard drive, on a disc, or a removable device, you can easily import them into CyberLink MediaShow.

To import photos, including PowerPoint slides, into CyberLink MediaShow, do this:

1. Select the **Import Photos** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow import window displays.
2. Select the **Import Media** button and then select the location of the media that you want to import. Depending on the devices connected to your computer, you can select a removable device (digital camera or other device), optical disc drive, folder on your hard drive, etc., from the list. Select **Import and Convert PowerPoint File** to browse for and convert the slides in a PowerPoint file into images in the JPG format.
3. Once you select your import source, the content of the folder, device, disc, etc. displays in the Import Tray section of the import window. Select a media file to preview it in the Preview section of the window.
4. Click **Import All** to import all of the media in the Import Tray or select the specific media file you want to import and then click **Import Selected**.

Note: select **Exclude duplicates** to have CyberLink MediaShow ignore the media that was previously imported into the library.

5. Enter the required information into the Importing Media window, including where on your computer's hard drive you want to store the imported media, and then click on **OK**.
6. Click on **Done** when the import is complete.

Note: select **Background Import** if you want to hide the importing media status dialog and continue using CyberLink MediaShow.

Organizing Photos

Once you have all of your photos in CyberLink MediaShow, you can use the program to organize them and prepare them for slideshows, uploading to the Internet, and more. You can also tag all of the faces in the photos using the face tagging feature.

To organize your photos using CyberLink MediaShow, do this:

1. Select the **Organize Photos** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.

Using the Library

When you import your photos into CyberLink MediaShow, they are automatically categorized into a series of folders for easy browsing within the library. The library also categorizes your media into albums, by search tags, and within the photos module, by the people in your photos.

The library consists of the following sections:

- **Albums**
- **Folders**
- **Tags**
- **People**

Albums



You can create new albums or place your media into existing ones, helping you organize your media and prepare it for screen savers, slideshows, movies, discs, etc.

Note: when you add media to your favorites, it is placed into the **Favorite Media** folder within albums automatically.

Favorites

CyberLink MediaShow lets you add the photos and videos you like the most to your favorites. When you add media to your favorites, it is added to the **Favorite Media** folder in albums, where you can easily view them or add them to a slideshow, disc, or share them with friends and family.

To add media to your favorites, do one of the following:

- select the media files you want to add in the media window and then click on the  button.
- while viewing a slideshow or video, click on the  button.
- drag and drop media into the **Favorite Media** folder in albums.

Folders

When your media is imported into CyberLink MediaShow, it is automatically organized by year and the corresponding folders on your computer's hard drive in the folders section of the library.

Note: media located on removable drives and optical discs are not displayed in the folder list.

Tags

You can add search tags to your photos and videos within CyberLink MediaShow, which can help you find them later when searching through all of the media within the library. Search tags are also useful when uploading media to Flickr, as users search by tags to find media they are interested in.

Note: you can add more than one search tag to a single photo.

People

When you tag faces within your photos, they are added to the people section of the library. For more information see "Tagging Faces" on page 38.

Tagging Faces

CyberLink MediaShow lets you tag all of the faces of your friends and family in your photos. You can manually tag the faces in each photo, or have CyberLink MediaShow auto detect and tag the faces for you.

Once the faces are tagged, the photos are then categorized in the people section of the library.

Auto Tagging Faces

CyberLink MediaShow uses face recognition to auto detect and tag faces in your photos. To have CyberLink MediaShow auto scan a group of photos for faces, do this:

1. On the **Home** tab, select **Tag Faces**.

2. Select which photos you want to tag faces in. You can select all of the photos in the library, or a specific group of photos, such as in a folder or those held on the tray.

Note: if your computer's VGA card supports CUDA technology and there are enough resources available, select **Enable CUDA support for face analysis** to reduce the time it takes to analyze your photos.

3. Once you have selected the photos, click **Start**. CyberLink MediaShow will begin to analyze them for faces.

Organizing Tagged Faces

Once faces are tagged in your photos, CyberLink MediaShow groups similar faces in the Tag Faces window. In this window you can go through each face and associate it with a person in your library, or add a new person. You can also remove any unnecessary tags or skip faces if you want to add them later.




To associate a person to a tagged face:

- click on **Select** and then select the person from the list,
- click on **Select** and then on **New** to create and associate a new person in your library.
- click the button with the name of the suggested person.
- click **Skip** to tag the person later.
- click **Remove** to remove the tag from the photo. You can also deselect the check box to remove the tag from the photo.

Editing People

In the Tag Faces window, you can also add new people to your library, edit the person's personal information, and even scan the rest of your media for photos of this person.

To edit people in the Tag Faces window:

- select  to edit the person's personal information and associate a default photo for him or her.
- select  to remove this person from the library.
- select  to scan the rest of the photos in the library for photos of this person.

Manually Tagging Faces

If CyberLink MediaShow missed faces during the auto scanning process, you can manually tag faces in your photos.

To manually tag faces, do this:

1. Select an album, folder, search tag, or select and hold all of the photos on the tray.
2. Click the **Edit** button on the **Home** tab.
3. Select the photo in the thumbnail panel that you want to tag a face in and then select **Tag Faces**.
4. Click on **Add Tag**.
5. Drag the square to the position in the photo where the face is located.
6. Resize the square if required and then click on **Unknown**.
7. Select an existing person from the list or select **New** to add a new person to the library.

Repeat the process to tag other faces in the photo. Select **Done** when you have tagged all the faces in the photo.


Fixing and Enhancing Photos

CyberLink MediaShow offers several editing features, including adding creative effects to your photos or performing various touch ups on photos in preparation for using your media in slideshows, printing, etc.

Note: you can easily undo any edits that you make to a photo by right-clicking on it in the media window and selecting **Undo Changes**. You can also use the **Edit Log** to roll back changes to a specific version. See "Viewing the Edit Log" on page 42 for more information.


To fix and enhance your photos, do this:

1. Select the **Fix and Enhance Photos** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want to fix/enhance.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.

3. Click the **Next** button. The Edit window displays.


Making Photo Fixes

CyberLink MediaShow provides you with several common fixes for your photos, including automatic fixes, fixing red-eye and a photo cropping feature. Click on the **Edit** button and then on the  tab to perform the following fixes on your photos.


- **Crop:** allows you to crop the photo and cut out the portions you don't want. Select a **Fixed ratio** to crop a specified size out of the photo. Select **Invert** to reverse the size of the fixed area.
- **Red-eye:** use this option to remove unwanted red-eye from your photos.
- **Straighten:** if your photo was taken unevenly and appears to be crooked, select this option to make it more level.
- **Auto Brightness:** select to automatically adjust the photo's brightness.
- **Auto Contrast:** select to automatically adjust the photo's contrast.
- **Auto Balance:** select to automatically adjust the photo's color balance.
- **Auto Fix Lighting:** select to automatically fix the lighting within the photo.

Select **Done** to save the changes to your photo.

Fine Tuning Photos

Use the fine tune function if you want to manually adjust the **Brightness**, **Contrast**, **Saturation**, **White balance** or **Sharpness** of your media. Click on the **Edit** button and then on the  tab to use the sliders to adjust the media file's properties. Select **Done** to save the changes.

Adding Photo Effects


CyberLink MediaShow lets you add display and color effects to your photos. Click on the **Edit** button and then on the  tab to add the following effects to your photos.

- **Black & White:** changes color photos into black and white photos.

- **Sepia:** applies a dark brown- grey hue that resembles the effect of aging in old photographs.
- **Matte:** adds a white matting to your photo. Click and drag the focus to the area you want to apply the matting, and then use the slider to increase or decrease its size.
- **Vignette:** using the slider closes/opens a black circle on your photo, like in old silent movies.
- **Soft Focus:** adds a soft focus effect to your photo. Use the **Size** slider to adjust the focus area and the **Soft** slider to adjust the amount of blur.
- **Focal B&W:** the focal black and white effect lets you have some portions of a photo in color, while others are in black and white. Use the slider to adjust the area that you want to display color.
- **Tint:** the tint effect lets you add highlighted color throughout your photo. Pick your desired color and then use the slider to adjust the intensity.
- **Glow:** the glow effect makes all the lighter areas of a photo appear to glow.
- **Antique:** the antique effect gives your photo an old fashioned look, as if it was taken more than 50 years ago.

Select **Done** to save the changes to your photo.

Viewing the Edit Log

Click on the **Edit** button and then on the  tab, or just on the **Edit Log*** button, to view a history of all the edits made to the selected photo within CyberLink MediaShow.

Select **Original File** to undo all the changes you made to the media file. You can also select any of items in the edit log list to reset the changes to that point in the media file's edit history.


Note: * available in CyberLink Media Suite Ultra and Pro versions only.

Playing Slideshows

You can quickly play a slideshow with the photos in your CyberLink MediaShow library. To play photos in a slideshow, do this:

1. Select the **Play Slideshows** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.

2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want in your slideshow.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.


3. Click the **Next** button. The slideshow begins to play automatically.
4. Use the playback controls to control the playback of your slideshow.

Creating Slideshows


CyberLink MediaShow lets you create and customize a slideshow that includes both your photos and videos. You can select from a number of styles, and then add background music, text and color boards.

To create and customize a slideshow, do this:

1. Select the **Create a Slideshow** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want in your slideshow.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.





3. Click the **Next** button. The Slideshow Editor displays.
4. Edit the slideshow as follows:
 - use the rotate buttons to orientate the photos as required.
 - select **Add/Arrange** to add and arrange the media in your slideshow as follows:
 - select the **Videos** tab to browse to and add video clips into the slideshow.
 - select the **Photos** tab to browse to and add more photos into the slideshow.
 - select the **Color Boards** tab to add a new slide with a custom background color. Color boards let you insert a break into your slideshow, or you can use them for titles and credits. Select the color of the color board from the color panel, and then click **Add Color Board**.

- once you are done adding all of your media, arrange the order of all the slideshow's slides by dragging them to a new position. You can also auto arrange the media by date or name by selecting .
- select **Design** and then the **Slideshow Style** tab to set the slideshow's style as follows:
 - select the **Slideshow style** and transitions used between the slides in the slideshow from the list.
 - select the **Aspect ratio** of your slideshow. It is recommended that it is set to the same aspect ratio as the majority of the media in the slideshow.
- the **Enable slideshow opening page** option adds an opening page and text at the beginning of the slideshow.

Note: if the slideshow opening page was previously disabled, to enable it you must select **Enable slideshow opening page**, back out of the slideshow editor, and then reenter to add the slideshow opening page.

- select **Use description as default text** for CyberLink MediaShow to use the media file's description when adding text to a slide.
- enter in the **Display duration** of each slide or photo. This does not alter the length of any video clips included in the slideshow.

Note: you can customize the transition used on each slide, and its duration, by selecting a slide and then clicking the **Properties** button in the slideshow editor.

- select **Design** and then the **Slideshow Music** tab to set background music for the slideshow.
- select **Add Text** to include a text description on a slide. Use the keyboard to enter or modify the default text on all of the slides in your slideshow.
 - To modify the text font properties select .
 - To modify the effect the text uses during the slideshow, select .
 - Select  to preview all of the text on the slide or  to remove it.
- select **Properties** to customize the transition used and the duration of the selected slide, which can differ from those set for the entire slideshow. For videos in the slideshow, use the slider to adjust the level of the background music and the video's audio when the video is displayed. Drag the slider all the

way to the **Music** side if you want to completely mute the video's audio in the slideshow.


5. While editing the slideshow, use the playback controls to continually preview your slideshow. Select **Save** to save it and work on it later.

Creating Slideshow DVDs

You can use CyberLink MediaShow to create professional looking discs that contain your photos.

To create a slideshow DVD, do this:

1. Select the **Create Slideshow DVD** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want on your slideshow DVD.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.

3. Click the **Next** button. The Create Disc window displays.

Create Disc Window

The Create Disc window provides you with an easy to use wizard that guides you through the creation of your disc.

Note: before you begin creating your disc, you may want to configure your Create Disc settings.

Inputting Your Title



The title field allows you to enter a title description for your disc that displays on the main menu page. Simply input a desired title in the field provided.

Selecting a Style

CyberLink MediaShow provides you with the option of selecting from a number of stylish, pre-designed disc menus. These menus are already customized for you and

may include such features as motion and menu music. To select a menu template, just click its thumbnail.

Note: You can download and import additional disc menu templates from DirectorZone.

Select the  icon within the style section to browse for and download menu templates. Select  to import downloaded templates into CyberLink MediaShow.

Adding Photos

You can add additional photos to your disc. Once added to your disc, they are organized into a slideshow. To add additional photos to your disc, do this:

1. Click on the **Photos** tab on the left of the window.
2. Browse through your library and select all the photos you want to include on your disc.
3. Either drag and drop them into the Photos section or use the add buttons.
4. Click the **Style & Music** button to customize your slideshow as follows:
 - **Slideshow style:** Select one of the following slideshow styles from the drop down menu: **Fading, Motion, Cell**. Select the **Speed** the pictures in the slideshow will be displayed from the drop down menu.
 - **Change Slideshow Opening:** if you select the cell slideshow style, click this button to enter a title and your name on the slideshow opening page.
 - **Background music:** set the background music for the slideshow.
5. Click on **OK** to return to the Create Disc window.

Burning Your Disc

The final step for your production is to click the **Burn** button to begin burning your media to disc. Before you proceed, use the **Preview** function to ensure your disc is exactly the way you want it.

Saving and Opening Existing Disc Projects

When you are creating your disc, you don't need to finish it all at once. At any time you can **Save** your disc project and then **Open** it to finalize it later.

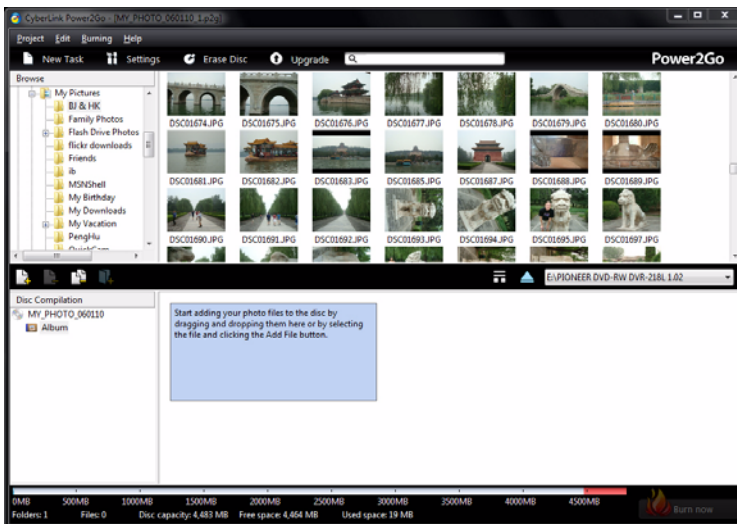
Creating Photo Gallery Discs


You can use your photos to create dynamic slideshow that is burned as a stand-alone photo showcase application on a CD, DVD, or Blu-ray Disc. The photo gallery runs on any computer with the include viewer, and can include photo descriptions and external URL on the disc.



Creating and Burning Photo Gallery Discs

When you create a photo gallery disc, you are essentially creating photo albums on a disc. You can create more than one album on a single photo gallery disc. To create and burn a photo gallery disc, do this:

1. Select the **Create a Photo Gallery Disc** function within the **Photo** menu of CyberLink Power2Go, and then select the type of disc (**CD**, **DVD**, **Blu-ray Disc**) you want to create. The Photo Gallery Disc window opens.



2. Use the search pane to find to the photos you want to include on your disc. Select the photos you want to burn and then drag and drop them in the disc content area (Click the  button to switch to the thumbnail view to make it easier to find the exact photos you are looking for).

Note: you can also click the  button to add the photos or click the  button to create a new album on the disc. Ensure that you have the album you want to add the photos to selected in the Disc Compilation pane before adding your photos.

3. After you have added all of the photos you want on your disc, click the **Burn now** button.
4. Click on the **Gallery** tab and then configure the photo gallery disc settings as follows:
 - **Gallery title:** enter in a title for your photo gallery. The title displays on your disc after it is burned.
 - **Custom Logo:** click on the **Custom Logo** button to customize the logo used in your photo gallery, as follows:
 - **Don't include logo in photo gallery:** select this option if you don't want to include a logo in your created photo gallery.
 - **Include logo in photo gallery:** select this option if you want to include a logo in your created photo gallery. Click the **Browse** button to select an image to use as the logo, replacing the default CyberLink logo.
 - **Include URL link on logo:** select this option if you want to include a URL link on the logo. Once selected, enter the URL address in the field provided (**http://**). When users click on the logo in the created photo gallery, they are taken to the specified URL.
 - Click **OK** to save your changes.
 - **Slideshow speed:** enter the duration, in seconds, you want each photo or slide to display when your photo gallery is played as a slideshow.
 - **Background image:** click the **Change** button to set the image that is used as the background in the photo gallery. If none of the default images suit your gallery disc, click the **Browse** button to use your own custom image.
 - **Display EXIF information:** if the images were taken with a digital camera that supports EXIF, select this option if you want the image details displayed in your photo gallery disc.
 - **Add background music:** if you want music to play in the background as users browse through your photo gallery disc, select this option and then click **Browse** to select the music file you want to use.
 - **Include editor's note:** if you want to include a note or description about your photo gallery, select this option, click **Edit**, and then enter the **Title** and **Content** (note/description) in the fields provided.


- **Include external URL:** if you want to include a web site link on the photo gallery disc, select this option, click **Edit**, and then enter the web site **Name** and URL (**http://**) in the fields provided.
 - Click the **Preview** button if you want to view what your photo gallery disc will look like once it is burned to a disc. Click **Export** to create the stand-alone photo gallery application in a folder on your hard drive.
5. If required, adjust the settings on the **Common** and **Burner** tabs.
 6. Click **Burn** when you are ready to burn your disc.
 7. When the burning is complete, select one of the following options in the window box that opens:
 - Click **View Log** to view the burning log. The log opens in your default TXT editor, where you can view and save it.
 - Click **OK** to close the window and then exit.

Printing Photos

With CyberLink MediaShow you can print out your photos on your printer in a variety of sizes.

To print out your photos, do this:

1. Select the **Print Photos** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want to print.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.

3. Click the **Next** button. The Print window displays.
4. Set your printing options as follows:
 - **Layout:** select how you want the selected photos printed out. You can select from a variety of sizes, allowing you to print one or more photos out on a single piece of paper.
 - **Printer:** select the printer from the drop down menu that you want to print your photos out on.
 - **Fit:** select whether to shrink the size of the photo to fit the printing area or have CyberLink MediaShow automatically crop the photo to fit it.

- **Printer Setup:** click this button to set specific printer options, such as page layout and whether you want to print double-sided. The options available depend on the printer that is connected to your computer.
 - **No. of copies per photo:** enter the number of copies for each photo you would like printed out in the field provided.
5. Click on the **Print** button to begin printing your photos.

Uploading Photos


You can share all of your photos with your friends and family by uploading them directly from within the CyberLink MediaShow library to Flickr and Facebook.

Uploading Photos to Flickr

You can upload photos from the library directly to the Flickr photo sharing web service.

To upload photos to Flickr, do this:

1. Select the **Upload to Flickr** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want to upload.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.

3. Click the **Next** button. The Upload to Flickr wizard displays.
4. Follow the detailed instructions in the wizard and then click **Upload** to finish.

Note: if you do not have a Flickr account, you must register first before proceeding with the authorization.


5. Click the **Done** button once your photos are uploaded.

Uploading Photos to Facebook

You can upload photos from the library directly to your Facebook page.

To upload photos to Facebook, do this:

1. Select the **Upload to Facebook** function within the **Photo** menu of CyberLink PowerStarter. The CyberLink MediaShow main window displays.
2. Select the folder that contains the photos you want to use, or select all of the individual photos in the library you want to upload.

Note: if you want to include multiple photos that are in different folders, select the photos you want and then click the  button to hold them on the tray for easier selection.

3. Click the **Next** button. The Upload to Facebook wizard displays.

Note: after clicking the **Authorize** button, you must log in to your Facebook page within your browser, and then return to the upload wizard to complete the authorization process for uploading photos to Facebook. If you do not have a Facebook account, you must register first before proceeding with the authorization.

4. Follow the detailed instructions in the wizard and then click **Upload** to finish.
5. Click the **Done** button once your photos are uploaded.

Chapter 5:

Music

The music function lets you burn audio files to a DVD or CD with CyberLink Power2Go. You can also rip music from an audio CD onto your hard drive, and play back music using CyberLink PowerDVD.



Use CyberLink WaveEditor to edit and add useful effects to your audio files, or record your own custom audio.

Note: to ensure that your computer has the required codecs for burning and ripping music files, please make sure that Windows Media Player 10 or later is installed on your computer.

Playing Music

You can play your audio disc and music files in CyberLink PowerDVD.

The optical discs and file formats that CyberLink PowerDVD supports are listed below:

Optical Disc Types	File Formats
CD	Audio

In CyberLink PowerDVD you can play back audio in the following file formats:

Audio formats: MP3, M3U, MP2, M4A, WAV, WMA, AOB, AC3, CDA, MID, RMI.

To play music, do this:


1. Select the **Play Music** function in the **Music** menu of the CyberLink PowerStarter. The PowerDVD window opens to the **Music** tab.
2. If there is an audio disc already in your disc drive when you opened CyberLink PowerDVD, select the drive that contains the disc in the Source pane and then click play.
3. To play audio files that are on your computer:
 - drag and drop audio files directly onto the CyberLink PowerDVD user interface.
 - to play audio files on your hard drive, click the **Music** tab, select **Computer** in the Source pane, and then browse to the folder that contains your audio files. Double-click on an audio file to begin playback.
 - to play audio files that are on a network (UPnP), click the **Music** tab, select **Network** in the Source pane, and then navigate to the location on the network that contains your audio files. Double-click on an audio file to begin playback.
 - right click on an audio file and select **Open With**. Select CyberLink PowerDVD from the available list of programs.



Creating Music Playlists

On the **Music** tab of CyberLink PowerDVD you can create a playlist that contains all of your favorite music.

Note: you cannot add tracks from an audio CD to a playlist.

To create a music playlist, do this:

1. Click on the **Music** tab.
2. In the Playlists pane, click on  to create a new playlist. Double-click on the playlist to give it a custom name, if required.
3. Browse to the folders that contain the music files you want in the playlist.
4. To add a music file to the playlist, select it, click the **Add to Playlist** button and then select the playlist you just created from the pop-up list. You can also drag and drop the music files on to the playlist name in the Playlists pane.
5. To begin playing the music in your created playlist, select it in the Playlists pane and then click the play button. CyberLink PowerDVD will play all the files in the playlist.

Note: click  in the Playlists pane to export the playlist you created or import other playlists you created previously in the .PLS and .M3U formats. Click  to delete a playlist from the list.

Making a Music Disc

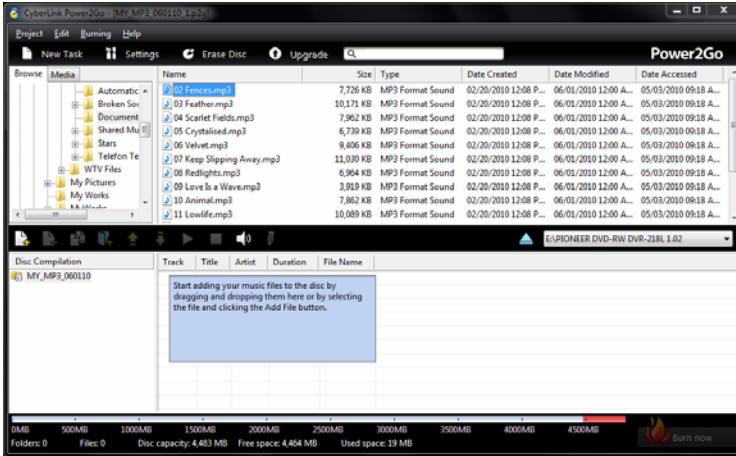
CyberLink Power2Go makes it easy to create discs to play back your music. You can create a regular audio CD for playback on traditional CD players or create a DVD or CD that contains MP3 or WMA files.

The steps are the same for creating these discs, but the outputted discs are different.


Burning a Music Disc

To burn a music disc, do this:

1. Select the type of music disc you want to create and the format of the disc in the **Music** menu of the CyberLink Power2Go program window. The Music Disc window displays.



2. Use the search pane to find to the music you want to include on your disc. Select the files you want to burn and then drag and drop them in the disc content area.

Note: you can also click the  button to add the music files or the other available buttons to reorder and preview the music on the disc. If you want to extract the audio from a video clip and include it on your music disc, simply add the video clip to the disc.

3. Once you have added all of the content you want on your disc, click the **Burn now** button.
4. If required, adjust the configurations on the Music (**Audio CD, MP3 Disc, WMA Quality**), **Common** or **Burner** tabs. Click **Burn** when you are ready to burn your disc.
5. When burning is complete, select an option in the dialog box that opens:
 - Click **View Log** to view the burning log. The log opens in your default TXT editor, where you can view and save it.
 - Click **Print Label** to print a disc label and then open the CyberLink LabelPrint program. See "Printing a Disc Label" on page 80.
 - Click **OK** to close the dialog and then exit.

Ripping an Audio CD

The rip audio function copies audio tracks from a CD to your hard drive in the MP3*, WAV, or WMA format.

Note: * optional feature in CyberLink Power2Go. Check the readme file for detailed versioning information.

To rip audio files to your hard drive, do this:

1. Select the **Rip an Audio CD** function in the **Music** menu of the CyberLink PowerStarter.
2. Insert your disc and then select your drive from the **Source** drop-down.

Note: if you insert a new disc or select a different drive, click **Refresh** to ensure that the most updated information displays.

3. Select the audio tracks that you want to copy to your hard drive.
4. Click the **Browse** button and locate the folder where you want to copy the audio tracks to.
5. In the **Settings** section, set the **Format** and **Quality** of the outputted files.
6. Click **Go** to rip and copy the files to your computer.

Editing Your Audio

With CyberLink WaveEditor you can record, trim, cut, and enhance the audio files that you want to use in your video editing or share with friends.


To edit your audio files in CyberLink WaveEditor, select **Edit Audio** in the **Music** menu of the CyberLink PowerStarter.

Note: for a more detailed description of this program and its functions, please consult the product's help file.

Adding Audio into the Library

CyberLink WaveEditor lets you import audio from your hard drive or from a removable device. You can also record your own custom audio or download audio from the Freesound web service and import it directly into the library.

Importing Audio

To import audio from your hard drive or a removable device, click , browse to its location, and then click on **Open**. You can import multiple audio files into the library at once and then work on them all in CyberLink WaveEditor.

Note: you can also drag and drop audio files into the Library area of CyberLink WaveEditor to import them into the program.

Supported Formats


CyberLink WaveEditor supports the import of audio files in the following formats:

Audio: MP3, WAV, WMA, M4A*, AC3**

Note: * available in the Standard version, and only in the LE version when running the program under Windows 7. ** not available in the LE version of CyberLink WaveEditor.

Recording Audio

You can record your own custom audio in the WAV format in CyberLink WaveEditor. The audio you record is then imported directly into the library and saved to the export folder selected in Preferences.

To record audio, click the  button to open the recording window.

Editing Audio

Once you have all your audio in the library, you can start editing it. Editing consists of cropping, trimming, and even adding portions (using the paste function) to your audio files.

To edit an audio file, do this:

1. Select the audio file in the library that you want to edit.
2. Decide whether you want to edit both channels, or just one channel.
3. Use range selection to select the portion of an audio file you want to edit.

4. Use the editing tools to perform edits on your audio files as follows:

Editing Tools



Click to cut the selected portion out of the audio file, and place it on your clipboard for pasting.



Click to make a copy of the selected portion on your clipboard for pasting.



Click to paste the audio wave form you cut or copied to the right of the current timeline position.



Click to delete the selected portion of the audio file.



Click to crop to the selected portion of the audio file, removing the parts of the audio file that are not selected.

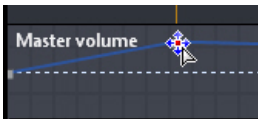
Note: when you perform edits on an audio file, the original audio file is not changed. To save the edits, you must export the audio file. See "Exporting Audio" on page 61 for more information.

Adjusting the Master Volume

CyberLink WaveEditor lets you adjust the volume of an audio file at any point in the timeline. You can make it louder at a certain moment, and then quieter at another, as required.

To adjust the master volume of an audio file, do this:

1. Use the playback controls or drag the timeline slider to location the position where you want the audio to reach its loudest/quietest point.
2. Click on the line in the master volume area and drag the volume key to desired volume level.



3. Use the playback controls or drag the timeline slider to locate the position where you want the change in audio level to begin.

- Click on the line in the master volume area and drag the volume key back to the original volume level.



Note: this last step is just a recommendation, and is not necessary if you want the audio to fade up or down from the very beginning to the desired level.

- Continue adjusting the volume keys as required to achieve the desired audio levels throughout the audio file.


Note: to remove a volume key and reset its position back to the original value, select it and drag it outside the master volume area.

Audio Effects

Within CyberLink WaveEditor you can choose from a number of default effects and apply them to your audio files. You can also import custom VST plugin effects that you downloaded and apply them to your audio.

Default Effects

The default effects available in CyberLink WaveEditor include the most widely used for your convenience. Users that are looking for more advanced audio effects, can import custom VST plugin effects.


Note: to preview an effect, click it in the Effects area, select the **Preview** check box, and then click the  button.

Importing Effects

With VST plugin effects you can find and add the desired custom effect you want on your audio. VST plugin effects are widely available for download from the Internet, and can easily be imported into CyberLink WaveEditor.

Note: CyberLink does not guarantee the usability of downloaded VST plugin effects, nor the quality of the VST modules.

If you have downloaded a VST plugin effect, do this to import it into CyberLink WaveEditor:

1. From the menu select **Effects > VST > Import VST Effect**.
2. Click on the  button and then browse to the location where the downloaded VST plugin effect is located.

Note: CyberLink WaveEditor imports VST plugin effects that are in the DLL format. If the downloaded effect is in the ZIP format, you must first unzip it before trying to import it into the program.

3. Select the VST plugin effect and then click **Open**.
4. Click **OK** to import the effect into the VST section of CyberLink WaveEditor.

Applying Effects

When applying effects to audio, you can either apply it to a selected range or the entire clip. To apply an effect to an audio file, do this:

1. Select the audio file in the library you want to apply the effect to.
2. Decide whether you want to apply the effect to both channels, or just one channel.
3. Use range selection to select the portion of the audio file that you want to apply the effect to.


Note: if don't select any portion of the audio file, the effect is applied to the entire clip.

4. Click on the effect you want to apply. The effect window displays.
5. Adjust the effect settings as required.
6. Click on the **OK** button to apply the effect to the audio file.

Exporting Audio

Every time you want to save the changes you make to an audio file, CyberLink WaveEditor saves it as a new file. Essentially you are exporting the original file, and saving it as new version and even in a new file format if you prefer.

To save and export your audio file as a new version, do this:

1. Select the audio file in the library you want to save/export and then click .
2. Enter in a new file name for the file and then select the format you want to save it as in the **Save as type** drop down.
3. Click on **Save**. The file is saved to the export folder selected in Preferences.

Supported Formats

CyberLink WaveEditor supports the export of audio files into the following formats:

Audio: MP3**, WAV, WMA, M4A*

Note: * available in the Standard version, and only in the LE version when running the program under Windows 7. ** not available in the LE version of CyberLink WaveEditor.

Chapter 6:

Data & Backup

With CyberLink Media Suite you burn your data files to a Blu-ray Disc, DVD or CD with CyberLink Power2Go. You can also easily make an exact copy of a data DVD or CD using CyberLink Power2Go, and copy a non-CSS protected DVD Video disc with CyberLink PowerDVD Copy

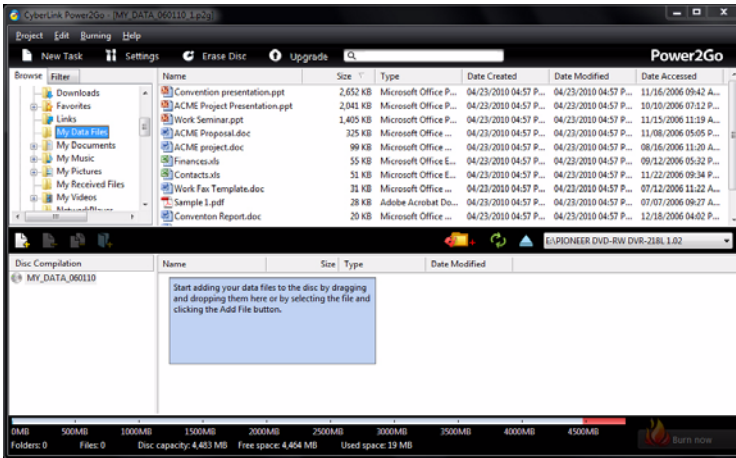


To ensure your data is protected, you can back it up and restore it, when and if required, using CyberLink Power Backup.



Making a Data Disc

To burn a data disc, do this:

1. Select the **Make a Data Disc** option in the **Data & Backup** menu of CyberLink Power2Go, and then select the type of disc (**CD, DVD, Blu-ray Disc**) you want to create. The Data Disc window opens.



2. Use the search pane to find to the files you want to include on your disc. Select the files or folders you want to burn and then drag and drop them in the disc content area.

Note: you can also click the  button to add the data files or click the  button to create a folder on the disc.

3. After you have added all of the content that you want to burn, click the **Burn now** button.
4. If required, adjust the settings on the **Data**, **Common**, or **Burner** tabs.
5. Click **Burn** when you are ready to burn your disc.
6. When the burning is complete, select one of the following options in the window that opens:
 - Click **Print Label** to print a disc label and open the CyberLink LabelPrint program. See "Printing a Disc Label" on page 80.
 - Click **View Log** to view the burning log. The log opens in your default TXT editor, where you can view and save it.

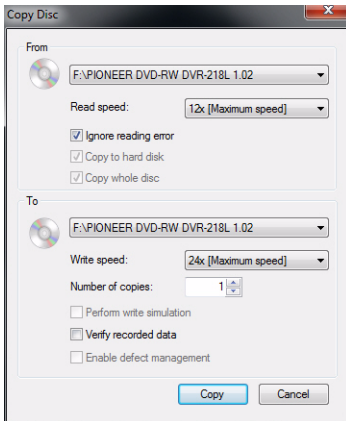
- Click **OK** to close the window and then exit.

Duplicating a Data Disc

The duplicate disc option allows you to make an exact copy of a disc of any format. However, you must copy the disc contents onto a blank disc of the same disc type. (You cannot, for example, copy content from a CD onto a DVD.)

To copy a disc, do this:

1. Select **Duplicate a Data Disc** and the format of the disc in the **Data & Backup** menu of the CyberLink Power2Go program window. The Copy Disc window displays.



2. Select your source and target drives.
3. Click **Copy**. CyberLink Power2Go burns the copied data onto the disc.
4. When burning is complete, select an option in the dialog box that opens:
 - Click **View Log** to view the burning log. The log opens in your default TXT editor, where you can view and save it.
 - Click **OK** to close the dialog and then exit.



Duplicating a Movie DVD

CyberLink PowerDVD Copy is a specialized tool for copying DVD movies from disc or hard drive onto a back-up DVD. You can likewise create a DVD folder on your hard drive, or burn it to a DVD as a movie. Easy-to-select options and an uncomplicated interface simplify the DVD-copying process.

To copy a movie DVD, do this

1. Select **Duplicate a Movie DVD** in the **Data & Backup** menu of the CyberLink PowerStarter program window. The CyberLink PowerDVD Copy window displays.
2. Select your video source of the movie DVD you would like to copy.



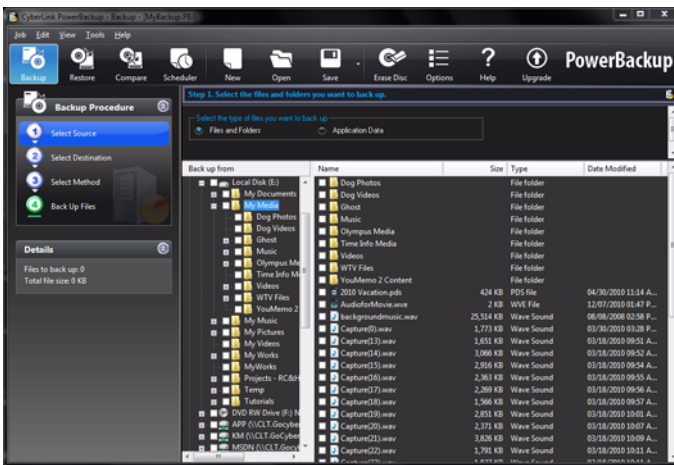
3. Select the destination where to copy the movie DVD.
4. Click the  button and select the specific content from the DVD you want to copy, if not all is required.
5. Click . CyberLink PowerDVD Copy burns the movie onto the disc.

Backing Up and Restoring Your PC

Backing up data is an important security procedure that can save large amounts of time and money in case of disaster, disk failure, attack by a hacker or virus, etc. By keeping a backup copy of your important data on another medium, you can quickly and reliably restore your data to its original state.

Backing Up Data

To backup your data, first select **Back Up Your PC** in the **Data & Backup** menu of the CyberLink Power2Go program window, and then follow these simple steps:



Step 1 - Select Source

In the Backup window select the source by locating and checking the files and folders that you want to back up in the two file directory panes. (These panes resemble Windows Explorer in functionality.) You can choose to backup **Files and Folders** or **Application Data** by selecting the desired file type above the directory panes.

Step 2 - Select Destination

Click **Select Destination**, then set your backup destination.

- **Back up to:** Select your backup destination from the drop-down box. Backup destinations may include hard disk or a disc burner (depending on your available hardware).
- **Back up as:** Give each backup file a unique name. To save the backup file to a different directory, click **Browse**, then locate and select the folder you want to use.
- **Include Restore Tool:** Select to create an executable (.exe) file that allows you to restore your data on a computer that does not have the PowerBackup program installed.
- **Split into volumes:** Divide your backup files into volumes (portions) of the size you specify.

Step 3 - Select Method

Click **Select Method**, then choose the backup method (and advanced options, if desired) that you want to use.

- Backup methods include **Full**, **Differential** and **Incremental**.
- For more options, click **Options**.

Note: the specific functions of this program depend on the version you have purchased, and therefore some features may not be available.

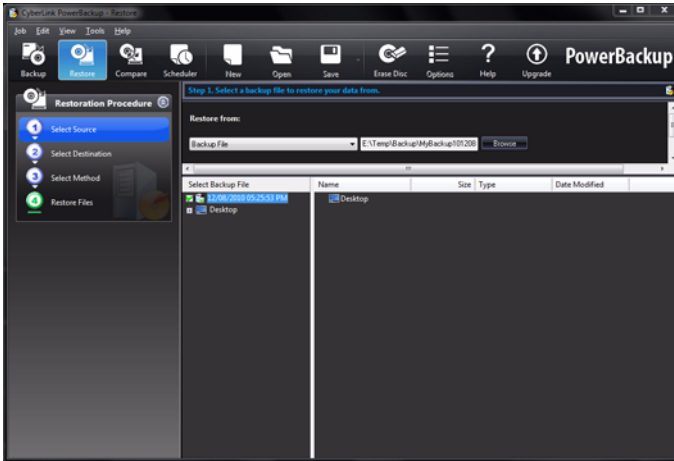
Step 4 - Back Up Files

Click **Back Up Files**. Verify that the settings are correct, then click one of the buttons to begin your backup.

- Click **Backup Now** to begin backing up immediately.
- Click **Add to Scheduler** to schedule the backup for a later time.

Restoring Data

To restore your data after a backup, first select **Restore Your PC** in the **Data & Backup** menu of the CyberLink PowerStarter program window, and then follow these simple steps:



Step 1 - Select Source

In the Restore window select the source by selecting the restoration source from the **Restore from** drop-down box.

- **Backup file:** Restore from an existing backup file. To open a backup file, click **Browse**, then locate and open the file you want to use.
- **My Catalog:** Restore from existing records of previous backup jobs. (To delete records from My Catalog, use the **Edit > Delete Catalog Record** or **Delete All Catalog Records** command.)
- **Disc drive:** Restore from a disc.

Once you select the source, select the files you want to restore.

Step 2 - Select Destination

Click **Select Destination**, then set your restoration destination.

- **Original location:** Restore to the original location from which the files were backed up.

- **Alternative location:** Restore to a new location. To set a new directory, click **Browse**, then locate and select the folder you want to use.
- **Single directory:** Restore all of the backed up files to a single new directory. To set a new directory, click **Browse**, then locate and select the folder you want to use.

Step 3 - Select Method

Click **Select Method**, then choose the restoration method you want to use.

- **Do not overwrite:** Restores only files that are not found on your hard drive, and does not overwrite existing files.
- **Overwrite older files:** Overwrites existing files on your hard drive if the backed-up copy is newer.
- **Always overwrite the files on my computer:** Overwrites existing files on your hard drive with the backed-up copy in every case.
- **Ask before overwriting:** Prompts you to decide which copy you want to keep.

Step 4 - Restore Files

Click **Restore Files** and then verify that the settings are correct. Click **Restore Now** to begin restoring files immediately.

Chapter 7:

Device

With CyberLink Media Suite you can quickly convert music, photos, and videos on your computer to other formats, and then transfer them to a variety of portable devices.



You can also view related tutorials that outline the steps to convert and transfer media. To view the available tutorials, select the **View Online Tutorial** option in the **Device** menu.

Converting and Transferring Media to Devices

With CyberLink MediaEspresso you can convert music, photos, and videos into formats compatible with a variety of portable devices, game consoles, and more.



To convert media, do this:

Note: for a more detailed description of this program and its functions, please consult the product's help file.

1. In the **Device** menu, select **Transfer Media to Devices**. The CyberLink MediaEspresso program opens.
2. Click on the **Import Media** button and then select **By File** to import individual media files, or select **By Folder** to import all the media in a specific folder.
3. Browse to and select all of the media you want to import and convert, and then click on the **Open** button.
4. Next, choose whether you want to convert the media for use on a **Mobile Phone, Media Player, or Game Console**.

Note: you can choose the **Convert** button to convert media using a custom profile you create. For a detailed description of this feature, press the **F1** key on your keyboard to view the MediaEspresso help file.

5. If you are converting video files, select:
 - a preset media format profile from the **Video** drop-down menu. The profiles that are available is dependent on the device model you select.
 - **Smart Fit** if you want CyberLink MediaEspresso to automatically select the best format and resolution for you based on the source video.
 - **More...** if you want to use another available profile. Set the video's format, aspect ratio, and audio format using the profile options available. The formats and options that are available is dependent on the device model you select.
6. If you are converting music files, select:
 - a preset media format profile from the **Music** drop-down menu.
 - **More...** if you want to use another available profile. Set the audio's format, sampling rate, and bitrate using the profile options available.
7. If you are converting photos, select:
 - a preset media format profile from the **Photo** drop-down menu.

- **More...** if you want to use another available profile. Set the photo's format and resolution using the profile options available.
8. If required, click on  to select a different output folder for the converted media.
 9. If your computer supports Intel CPU or ATI/NVIDIA GPGPU hardware acceleration, in the Settings section click the  button to **Enable hardware encoding** and/or **Enable hardware decoding** to reduce the time it takes to convert your media.
 10. If the device you are converting the files for is connected, select the **Transfer to connected device after conversion** option if you want CyberLink MediaEspresso to transfer the files after conversion.
 11. Click **OK** to start the conversion.

Chapter 8:

Utilities

CyberLink Media Suite provides you with a number of useful disc utilities, including allowing you to erase rewritable discs and also design and print professional looking labels using CyberLink LabelPrint to complete the disc making process.



You can also create and burn a disc image, extract files from existing disc images, burn a DVD folder, edit a video disc, and much more.

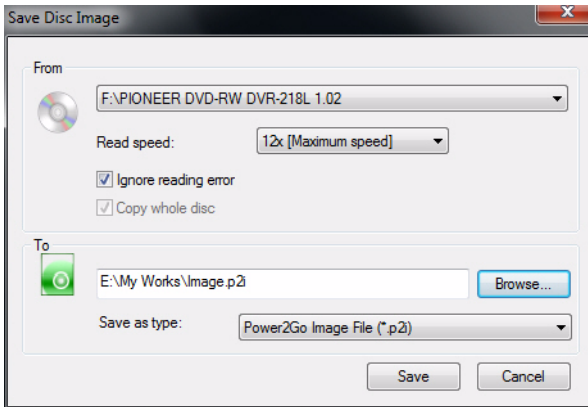
Note: for a more detailed description of these programs and their functions, please consult the product help files.

Creating a Disc Image

Creating and saving a disc image onto your hard drive is useful for backing up your discs on your computer for future burning tasks.

To create a disc image, do this:

1. Select **Create a Disc Image** function within in the **Utilities** menu of CyberLink Power2Go.



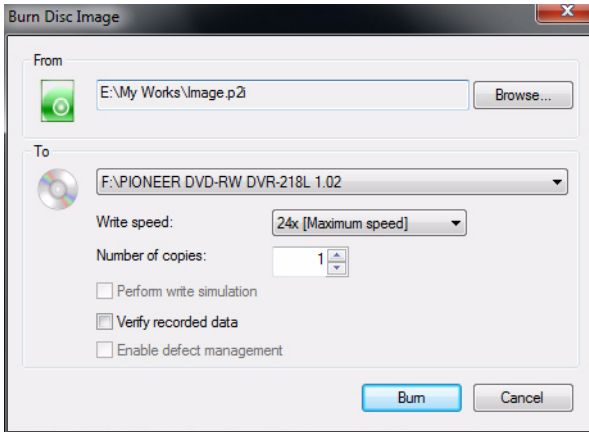
2. Insert a disc into the disc drive and then, if necessary, select your source drive in the **From** drop-down.
3. Select **Ignore reading error** if you want CyberLink Power2Go to copy the disc even if errors are encountered.
4. Select **Copy whole disc** if you want to save the entire contents of the disc in the image file.
5. Click **Browse** to set the folder where you want to save the image, and then enter in an image file name if required.
6. Choose the file format for the image file (P2I or ISO) from the **Save as type** drop-down.
7. Click **Save** to save the disc image.
8. When saving is complete, select an option in the window that opens:
 - Click **View Log** to view the log. The log opens in your default TXT editor, where you can view and save it.
 - Click **OK** to close the window and then exit

Burning a Disc Image

Burning a disc image to disc allows you to restore a saved disc image to disc as well as burn disc images created by the CyberLink Image Recorder.

To burn a disc image, do this:

1. Select **Burn a Disc Image** function within in the **Utilities** menu of CyberLink PowerStarter.



2. Click **Browse** to select the disc image you want to burn to a disc.
3. Insert your disc and select your drive in the drop-down.
4. Select a **Write speed** for each disc. The speed you should select will depend on the burning drive you are using and the quality of the disc.
5. Enter the **Number of copies** you want to burn.
6. If available, you can use the following options to assist with the burning process:
 - select **Perform write simulation** if you want CyberLink Power2Go to simulate the burning process first to ensure the burn will complete.
 - If available, select **Verify recorded data** if you want CyberLink Power2Go to verify that the content was successfully burned to the disc.
7. If available, select **Enable defect management** to have CyberLink Power2Go try to fix any defects on a disc so that content burns correctly.
8. Click **Burn** to start the burning process.
9. When burning is complete, select an option in the window box that opens:

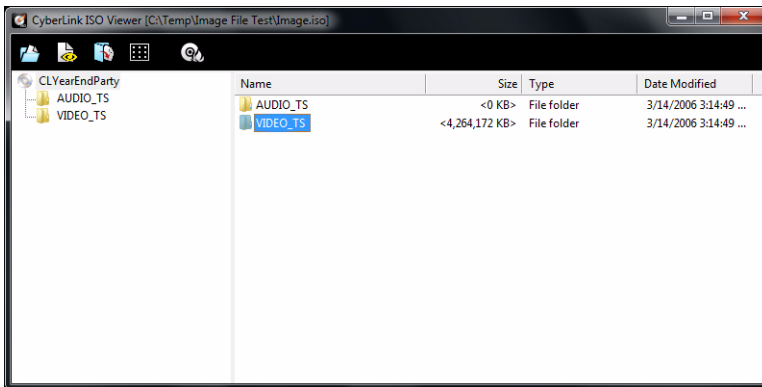
- Click **View Log** to view the burning log. The log opens in your default TXT editor, where you can view and save it.
- Click **OK** to close the window and then exit.


Extracting Files From a Disc Image


You can use the CyberLink ISO Viewer to view disc images in the ISO or P2I (Power2Go image) format on your computer's hard drive. This convenient tool lets you view the contents of an image file, and quickly extract files or burn the image to a disc.

To extract files from a disc image, do this:



1. Select **Extract Files from a Disc Image** function within in the **Utilities** menu of CyberLink PowerStarter. The CyberLink ISO Viewer displays.



2. When in the CyberLink ISO Viewer, you can perform the following functions:
 - click the  button to browse to and open an image file (in the ISO or P2I format) on your computer. When opened, you can see all the files contained within the image.

Note: to change the view of the files in the CyberLink ISO Viewer, click .

- click on a file in the CyberLink ISO Viewer and then click  to view it in its default program.

- to extract files from the image and save them to your computer, select them and then click .
- if you want to burn the image you are viewing to a disc, click the  button.

Erasing a Disc

If you are using a rewritable disc, you can erase content that has been previously recorded onto it. This allows you to reuse the same discs over and over without the need to continually buy new discs.

To erase a disc, do this:

1. Select **Erase a Disc** function within in the **Utilities** menu of CyberLink PowerStarter window.
2. Insert your disc and select your burner in the Erase Tool window.
3. Select one of the following erasing methods:
 - **Normal Erase:** erases all of the content the disc contains.
 - **Quick Erase:** erases the disc index contained on the disc.
4. Click **Start** to start the erasing process.

Printing a Disc Label

Cyberlink LabelPrint offers a wide variety of layout formats and supports a number of printing options, including printing directly on your disc using LightScribe and Labelflash technologies.

Note: for a more detailed description of this application and its functions, please consult the product's help file.

To begin creating a label, select **Print a Disc Label** function within in the **Utilities** menu of CyberLink PowerStarter.



Step 1 - Select a Label Type

The first step in creating a label is to select the type of label you want to print. You can select to create LightScribe label, Labelflash label, a disc label, a mini disc label, a front cover, back cover or a disc inlay.

Step 2 - Edit Disc Information

Add or edit disc information, such as a title, which will allow you to recognize the disc. Add or edit the content list information to keep track of which files you have added to the disc. You can add or edit this information on the Edit Disc Information page.

Step 3 - Edit Layout

By selecting a layout, modifying the fonts, and using a custom background image, you can create a more personalized disc label. You can:

- select a label layout.
- add a background image.
- add or modify text.

Step 4 - Print

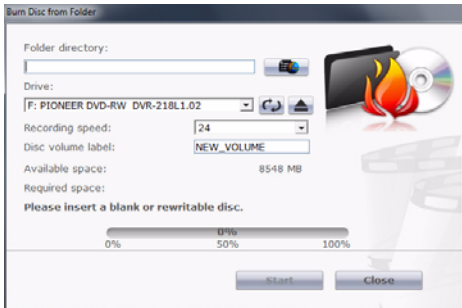
You are now ready to print your label with CyberLink LabelPrint. You can print on one of the following media:


- **Plain paper:** Allows you to print on any sheet of paper your printer supports.
- **Label paper:** Provides labels for easy printing.
- **Directly onto your disc:** Does away with paper labels, but requires a special LightScribe or Labelflash burning drive and disc.

Burning DVD Folders

If you have created a DVD folder you can burn this folder to a disc for storage. To burn a disc from a DVD folder, do this:

1. Select **Burn a DVD Folder** function within in the **Utilities** menu of CyberLink PowerStarter.



2. Insert your disc and select your drive.
3. Click , then select the folder you want to burn from.
4. Click **Start** to begin. CyberLink PowerProducer displays the real-time progress of the task.

Re-editing Video Discs

If you burned your production onto a rewritable disc in the +VR, -VR or BDAV format, you can go back and edit the content at a later time, adding additional video, modify the menu, etc. in CyberLink PowerProducer.

To re-edit a disc after burning, do this:

1. Select **Re-edit Video Discs** function within in the **Utilities** menu of CyberLink PowerStarter.



2. Insert your target disc, select a recording speed, the Aspect Ratio for your disc and then click **Next**.
3. Make any of the required modifications in the CyberLink PowerProducer program.
4. When you are done your edits click **Next** and then click **Burn** to burn your disc.

Advanced Disc Utilities

CyberLink PowerProducer contains a number of utilities you can use to manage disc content, disc image files, disc folders and more.

To access these useful utilities, select **Advanced Disc Utilities** function within in the **Utilities** menu of CyberLink PowerStarter. The CyberLink PowerProducer Disc Utilities window displays.

Note: for a detailed description about all of the available disc utilities and how to use each of them, press the F1 key on your keyboard when within the Disc Utilities window. In the help file, see the **Disc Utilities** section.

Chapter 9:

Technical Support

This chapter contains technical support information. It includes all the information to find the answers you need to assist you. You may also find answers quickly by contacting your local distributor/dealer.

Before Contacting Technical Support

Please take advantage of one of CyberLink's free technical support options:

- consult the user's guide or the online help installed with your program.
- refer to the Knowledge Base in the Support section of the CyberLink web site.

<http://www.cyberlink.com/prog/support/cs/index.do>

The FAQs may have information and helpful hints that are more current than the User Guide and online help.

When contacting technical support by email or phone, please have the following information ready:

- registered **activation key** (Your activation key can be found on the CD cover, the Box cover, or in the email received after you purchased CyberLink products on the CyberLink store).
- the product name, version and build number, which generally can be found by clicking on the product name image on the user interface.
- the version of Windows installed on your system.
- hardware devices on your system (capture card, sound card, VGA card) and their specifications.
- the wording of any warning messages that were displayed (You may want to write this down or take a screen capture).
- a detailed description of the problem and under what circumstances it occurred.

Web Support

Solutions to your problems are available 24 hours a day at no cost on the CyberLink web sites:

Note: you must first register as a member before using CyberLink web support.

CyberLink provides a wide range of web support options, including FAQs, in the following languages:

Language	Web Support URL
English	http://www.cyberlink.com/prog/support/cs/index.do
Traditional Chinese	http://tw.cyberlink.com/prog/support/cs/index.do
Japanese	http://support.jp.cyberlink.com/
Italian	http://it.cyberlink.com/prog/support/cs/index.do
German	http://de.cyberlink.com/prog/support/cs/index.do
French	http://fr.cyberlink.com/prog/support/cs/index.do
Spanish	http://es.cyberlink.com/prog/support/cs/index.do

Note: CyberLink's user community forum is only available in English and German.

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