Welcome to Corel WinDVD

We would like to thank you for making Corel® WinDVD® your choice for audio and video enjoyment. Regardless of the version you have purchased, you now have the most popular DVD and video playback software available.

Corel WinDVD is a simple-to-use software for playing standard and high definition video. It supports playback of DVD and AVCHD content, and combines all the features of a standard consumer player with some very advanced functionalities.

In this section, you'll find these topics: What's New in WinDVD 2010 System Requirements Installing and Uninstalling WinDVD Running WinDVD Registering Corel Products Corel Support Services

This manual provides information on the features of different WinDVD editions. Some features are not available in all editions. Visit www.corel.com for more information.
What's New in WinDVD 2010

New User Interface
A simplified interface design provides easier access to playback controls, features, and options.

Pocket Mode Viewing
WinDVD lets you resize the user interface manually so you can discreetly play your favorite movies on top of other applications running in the background.

Enhanced SD to HD Conversion
Advanced filtering technology enhances the quality of standard definition (SD) video when viewed on high definition (HD) display.

Full AVCHD Support
WinDVD supports the playback of discs, MS, SD cards, and built-in media created by AVCHD camcorders.

Trimension™ All2HD Support
Trimension™ All2HD guarantees high definition PC viewing of a wide range of video formats.

DTS NEO:6 Support
Enjoy multi-channel sound from stereo CDs and DVDs. DTS Neo:6 is an advanced decoder that expands 2-channel audio into five or six channels.

New Video Filters
De-block and De-snow filters remove digital noise or blocky compression artifacts from your video.
System Requirements

WinDVD 2010 supports both Windows XP SP3, Windows Vista SP1/SP2 and Windows 7. Before you install WinDVD, make sure that your system meets the minimum hardware and software requirements.

Playback of DVD Disc

<table>
<thead>
<tr>
<th>Minimum System Requirements</th>
<th>Recommended System Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating system</strong></td>
<td>Windows® XP (Service Pack 3), Windows® Vista (Service Pack 1), Windows® 7</td>
</tr>
<tr>
<td></td>
<td>Windows XP: Intel Pentium III 800 MHz or equivalent AMD Athlon™ processor</td>
</tr>
<tr>
<td></td>
<td>Windows Vista: Intel® Pentium® 4 or equivalent AMD Athlon™ processor</td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td>Intel® Pentium® 4 2.8GHz or equivalent AMD Athlon™ processor, or above</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>256 MB RAM</td>
</tr>
<tr>
<td></td>
<td>512 MB RAM</td>
</tr>
<tr>
<td><strong>Graphics card</strong></td>
<td>AGP or PCI Express graphic accelerator card with DirectDraw Overlay support</td>
</tr>
<tr>
<td></td>
<td>AGP or PCI Express graphic accelerator card with HWMC, DirectDraw Overlay support for VRAM 64 MB or above</td>
</tr>
<tr>
<td><strong>Audio card</strong></td>
<td>PCI sound card or on-board audio</td>
</tr>
<tr>
<td><strong>Free hard disk space</strong></td>
<td>250MB</td>
</tr>
<tr>
<td><strong>Optical drive</strong></td>
<td>DVD-ROM, DVD-ROM/CD RW combo, DVD-R/RW, DVD+RW, or DVD-RAM drive</td>
</tr>
</tbody>
</table>

Playback of High Definition (720p and 1080i), WMV-HD, and VC1 files
Memory: 512 MB and above
Use of Trimension All2HD features Processor: Intel® Core™2 Duo or AMD Athlon™ X2 and above
Memory: 512 MB and above

Check the system requirements for the operating system you are using to maximize the compatibility and performance of WinDVD.
Installing and Uninstalling WinDVD

The Installer makes it easy to install Corel applications and components. It lets you install and uninstall any Corel applications included in your software package, add components to a currently installed application, refresh files and configuration of currently installed applications.

To install WinDVD

1. Close all running programs.
2. Insert the WinDVD Installation disc into your DVD drive. The Setup window should start automatically followed by the Welcome to WinDVD Setup window.
   If the installer program does not start automatically, double-click the My Computer icon on your desktop, browse and select the DVD drive where you inserted the WinDVD Installation CD, and then double-click the Setup icon.
3. Follow the instructions on your screen.

To uninstall WinDVD

1. On the Windows taskbar, click Start, and then click Control Panel. The Control Panel window appears.
2. Double-click the Add or Remove Programs icon. The Add or Remove Programs dialog box appears.
4. Click OK to confirm.
5. Follow the instructions on your screen.
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1 On the Windows taskbar, click Start, and then click Control Panel. The Control Panel window appears.
2 Double-click the Add or Remove Programs icon. The Add or Remove Programs dialog box appears.
3 Select the Corel WinDVD entry and click Change/Remove. The Confirm File Deletion dialog box appears.
4 Click OK to confirm.
5 Follow the instructions on your screen.
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Running WinDVD

Once you have installed WinDVD, you can start the player in either of the following ways: On the desktop, double-click the Corel WinDVD shortcut. In the Windows Start Menu, click Corel WinDVD from the list of installed programs.
Registering Corel Products

Registering Corel products is important to ensure that you receive timely access to the latest product updates, as well as valuable information about product releases. Registration also gives you access to free downloads, articles, tips and tricks, and special offers.

For more information about registering a Corel product, visit www.corel.com/support/register.
Corel Support Services

Corel Support Services can provide you with prompt and accurate information about product features, specifications, pricing, availability, services, and technical support. For the most current information on available support and professional services for your Corel product, please visit www.corel.com/support.

Warranty Support

Corel's warranty support is designed to help customers with technical issues related to installation and product defects, including crashes and errors caused by Corel software.
Interface Basics

The WinDVD main window consists of the Caption Bar for customization options, the Viewing Area for video display, and the Player Panel for playback controls.

In this section, you'll find these topics: Player Panel Caption Bar
Interface Basics > Player Panel

Player Panel
Playback-related command buttons are located in the Player Panel.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Icon1" alt="Audio Icon" /></td>
<td>Audio</td>
<td>Indicates the currently used audio technology such as PCM, PCM 96/24, LPCM, Dolby Digital, Dolby Digital Plus, Dolby TruHD, DTS, or DTS-HD.</td>
</tr>
<tr>
<td><img src="Icon2" alt="Media Type Icon" /></td>
<td>Media Type</td>
<td>Indicates the current media type such as DVD, CD, VCD, DVD+/-VR, Audio CD, Karaoke, or MP3.</td>
</tr>
<tr>
<td><img src="Icon3" alt="Volume Controls Icon" /></td>
<td>Volume Controls</td>
<td>Drag slider to increase or decrease volume playback. Click the speaker icon to mute volume.</td>
</tr>
<tr>
<td><img src="Icon4" alt="Stop Icon" /></td>
<td>Stop</td>
<td>Click to stop media playback.</td>
</tr>
<tr>
<td><img src="Icon5" alt="Rewind Icon" /></td>
<td>Rewind</td>
<td>Click to rewind. Default reverse speed is 1x. You can change this to the following speed options: 2x, 4x, 8x, 20x or 60x.</td>
</tr>
<tr>
<td><img src="Icon6" alt="Previous Chapter Icon" /></td>
<td>Previous Chapter</td>
<td>Click to jump to the start of the previous chapter.</td>
</tr>
<tr>
<td><img src="Icon7" alt="Play/Pause Icon" /></td>
<td>Play/Pause</td>
<td>When video is looped (using A-B Repeat or Languagemate), clicking Play/Pause resumes normal playback.</td>
</tr>
<tr>
<td><img src="Icon8" alt="Next Chapter Icon" /></td>
<td>Next Chapter</td>
<td>Click to jump to the start of the next chapter.</td>
</tr>
<tr>
<td><img src="Icon9" alt="Fast Forward Icon" /></td>
<td>Fast Forward</td>
<td>Click to fast-forward. Default</td>
</tr>
</tbody>
</table>
forward speed is 2x. You can change this to the following speed options: 4x, 8x, 20x or 60x.

Full Screen/Restore
Displays the window in full screen mode. / Resets the window to its previous size.

Elapsed Time
Indicates the number of hours:minutes:seconds the movie has been playing.

When the disc or file that you are playing does not include features mentioned in the above table, the control buttons will appear grayed out.

Right-click Menu
The WinDVD Right-click Menu is a pop-up menu that is accessed by right-clicking on the Viewing Area.

The Right-click Menu provides several options for controlling video or audio playback. Not all options are available at all times; if an option is not available, it will be grayed out. Arrows pointing to the right of a menu item indicate an available secondary menu. Move your mouse over the arrow button to activate the secondary menu.
**Caption Bar**

The Caption Bar displays options to customize your viewing experience.

<table>
<thead>
<tr>
<th>Menu</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>Select media source</td>
<td>Displays file open options, including: Optical Drive Opens a media file from your DVD drive. File Opens a media file from your computer's hard drive or from a UPnP in a network. Folder Opens a media file from a DVD folder. Displays a submenu of options including: Bookmarks Opens the bookmark browser window. Capture Opens the capture browser window. Enhancements Displays a submenu of tabs to enhance audio and video. Indicates the type of media being played and displays a submenu of options which may vary depending on the playing item, including: Title Menu Displays the disc menu of a DVD. Root Menu Displays the root menu of a DVD.</td>
</tr>
<tr>
<td>Tools</td>
<td>Tools</td>
<td>Ejects the optical disc from the player. Displays the Corel Guide, providing access to various help resources. Shows/Hides information about your video. Hides the window but keeps the application running and quickly accessible on the taskbar.</td>
</tr>
<tr>
<td>DVD</td>
<td>Media Type</td>
<td>Maximize/Restore Displays the window in full</td>
</tr>
<tr>
<td>Button</td>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>Exit</td>
<td>Closes WinDVD Player.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>screen mode. / Resets the window to its previous size.</td>
<td></td>
</tr>
</tbody>
</table>
Getting Started with Corel WinDVD

Want to watch a movie now? For basic DVD viewing, here's how to get started...
In this section, you'll find these topics: Playing Your Movie Disc Viewing the Movie in Full Screen Adjusting Volume Adjusting Picture Quality Rewinding and Forwarding Changing Chapters Ejecting and Reloading a Disc
Playing Your Movie Disc

WinDVD automatically starts the moment you insert a movie disc in your default optical drive.

You can also click Open > Optical Drive and select the location of your disc.

To manually start a title, click the Play button, or press [Enter] on the keyboard.

To pause playback, click Pause on the Player Panel or press the spacebar on the keyboard. To resume play, click Play or press the spacebar again.
Viewing the Movie in Full Screen

Double-click the Viewing Area or press [Esc] to switch to full screen mode.

In full screen mode, clicking the Viewing Area once displays the Caption Bar and Player Panel. Double-clicking or pressing [Esc] restores to previous window size.

The WinDVD window can be resized manually by clicking and dragging the edges.

Zooming and Panning
Press [Ctrl] + [+] on your keyboard to zoom in to 150%, twice to zoom in to 200% and once more to zoom in to 300%. Press [Ctrl] + [-] on your keyboard to zoom out. Use the mouse pointer to pan and move around the viewing area while zoomed in.

To always start playing your movie in full screen mode, you can enable Start from full screen mode in the Setup dialog box.

Hiding the Player Panel and Caption Bar
Click the Viewing Area to toggle between hiding and showing the Player Panel and Caption Bar. This gives you an unobstructed view of your movie while in full screen mode. You can also 'bounce' the pointer off the top or bottom of the display to show the hidden panels.

To automatically hide the Player Panel and Caption Bar after a period of no mouse activity, enable Auto Hide in the Setup dialog box.
Adjusting Volume

Once your movie has started, you can adjust the volume level of the WinDVD player. To increase volume, drag the volume slider to the right or press [Shift] + [Up Arrow] on the keyboard. To decrease volume, drag the volume slider to the left or press [Shift] + [Down Arrow] on the keyboard. To mute the volume, click the Mute button or press [M] on the keyboard.
Adjusting Picture Quality

Click Tools > Enhancements. Use the color controls in the Color menu to fine-tune the display. These work like the controls found on a standard television set. Use the sliders to set the Brightness, Contrast, Hue, Color and Gamma.

See Adjusting Color.
Rewinding and Forwarding

To rewind or fast-forward the movie, click the Rewind or Fast-Forward button. The playback speed increases as you click the button.

When fast-forward speed is set to 2x, you can still understand the dialog.
Changing Chapters

To jump to a different chapter, click the Next or Previous Chapter button.

You can also do the following: Press [Page Up] on your keyboard to go to the previous chapter. Press [Page Down] on your keyboard to go to the next chapter. Right-click on the Viewing Area to display the Chapter menu.
Ejecting and Reloading a Disc

To eject and reload a disc from the player, click the Eject button, or press [E] on the keyboard.
Exploring Additional Functions

There's more to viewing a DVD title than by simply running a movie from beginning to end. WinDVD lets you control your viewing experience by providing other functions.

In this section, you'll find these topics: Changing Settings Learning with LanguageMate Viewing Media File Information Accessing the Corel Guide
Changing Settings
To change basic settings, click Tools > Enhancements. To change your system settings, including speaker configuration and default settings, click Setup in the Right-click Menu. See Configuring WinDVD for more information.
Learning with LanguageMate

LanguageMate™ lets you take advantage of learning a new language through repetition. Similar to A/B repeat, it lets you loop playback for a predefined time.

If Enable Languagemate is selected in the Playback Control tab of Setup, right-click on the Viewing Area and click Repeat and then choose Languagemate to enable this feature.

You can also select the desired looping time. Choose from Languagemate 6 Sec., Languagemate 12 Sec., or Languagemate 18 Sec., also from the right-click menu.

The playback is repeated until you choose No Repeat from the menu.
Viewing Media File Information

While viewing a media file, click on the Caption Bar to toggle between showing and hiding the movie properties on your screen. This will give you the details of the disc / file currently being played. The availability of this information depends on the type of disc / file you have.
Accessing the Corel Guide

The Corel Guide serves as an information portal keeping you up-to-date about the latest product information, updates and help resources.

To access the Message Center, click the Corel Guide icon in the Caption Bar, select the messages tab, and then choose the kind of information or help you want from the available options.
Playing Various Media

WinDVD is a universal media player. You can use it to play discs, files, and folders. You can also play streaming video on a UPnP network.

In this section, you'll find these topics: Playing Optical Discs Playing Files from Your Computer Playlist or Network Playing Folders
Playing Optical Discs

To play video and audio discs, click Open in the Caption Bar and click Optical Drive and then choose the drive where your disc is located.

This feature is used only when you are playing an auto-play disc. Otherwise, you can open a video file recorded on an optical disc by using the Open > File or Open > Folder option.

Supported Optical Discs

- Video VCD, Karaoke SVCD DVD disc with DVD-Video content
- AVCHD content on DVD disc
- Audio CD Audio tracks
Playing Files from Your Computer Playlist or Network

In addition to playing video and audio discs, you can also use WinDVD to play video and audio files stored in your hard disk, optical disc, or network.

To open a video or audio file, click Open and choose File. Browse for the specific file that you want to play from your hard drive, optical disc or computer connected to your network.

Supported File Formats

<table>
<thead>
<tr>
<th>Media</th>
<th>File format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Video</td>
<td>MP2*</td>
</tr>
<tr>
<td>Video Files</td>
<td>MPG, MPEG, AVI, DAT, VOB, H.264*, AVC, VC1*, MPEG-2 HD*</td>
</tr>
<tr>
<td>Quick Time</td>
<td>MOV, QT*, MP4</td>
</tr>
<tr>
<td>3GPP Files</td>
<td>3GP, 3GPP*, 3G2</td>
</tr>
<tr>
<td>Windows Media Files</td>
<td>ASF*, WMV*, WMA, DVR-MS</td>
</tr>
<tr>
<td>Audio</td>
<td>MP3*, Audio CD files</td>
</tr>
</tbody>
</table>

* May not be supported on some versions of WinDVD.

Playing High Definition (HD) files

WinDVD supports playback of High Definition (HD) video files. You can play back MPEG-2 HD files (Transport, Program and Elementary stream) with 720p or 1080i resolution in WinDVD.

In order to play back HD files smoothly on your computer, you must meet the recommended system requirements to play back HD files.

Supported Files

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<thead>
<tr>
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<tbody>
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<td>WinDVD supports the VC-1 codec, which is optimized for superior playback across all forms of systems. Being twice as fast, VC-1 is better at decoding than H.264.</td>
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<tbody>
<tr>
<td>You can also use WinDVD to watch QuickTime or any video files stored in your computer's hard drive.</td>
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</tbody>
</table>
Note: By default, QuickTime will be installed at the same time when installing WinDVD. The availability of this feature depends on the WinDVD version you have.

WMV-HD

WMV-HD (Windows Media Video High Definition) files feature sharper and crisper images, especially intended for widescreen viewing.

Playback of High Definition (HD) video may not be supported on some versions of WinDVD.

Playing from a UPnP network

WinDVD is a UPnP-compatible DVD player; that means video or audio files can directly stream from the host device regardless of its location on the network. Use UPnP (Universal Plug and Play) to automatically discover contents and services, such as a DVD or MP3 player, within a home UPnP network.

To open a UPnP media file

1 On the WinDVD main window, click Open and choose File.
2 Browse for the UPnP server where the file you want to play is stored.
   Note: WinDVD automatically detects UPnP servers from your local network.
3 Select a media file and WinDVD will automatically start playback of the selected file.

Some features may not be available for all editions of WinDVD.
Playing Files from Your Computer Playlist or Network

In addition to playing video and audio discs, you can also use WinDVD to play video and audio files stored in your hard disk, optical disc, or network.

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WinDVD is a UPnP-compatible DVD player; that means video or audio files can directly stream from the host device regardless of its location on the network. Use UPnP (Universal Plug and Play) to automatically discover contents and services, such as a DVD or MP3 player, within a home UPnP network.

**To open a UPnP media file**
1. On the WinDVD main window, click Open and choose File.
2. Browse for the UPnP server where the file you want to play is stored.
   Note: WinDVD automatically detects UPnP servers from your local network.
3. Select a media file and WinDVD will automatically start playback of the selected file.

Some features may not be available for all editions of WinDVD.
Playing Folders

To select a video folder, click Open > Folder. Click on the drive where the disc image or DVD folder is saved, choose the folder containing the video, and then click Apply.

This feature works specifically for disc images of DVDs or other discs copied to your computer.

Direct from Device Playback

WinDVD also supports direct from device playback which lets you play recorded video captured on your digital camera, and then play it without having to copy it first to your computer.

To directly play video from a device, connect your digital camera to your computer, choose the drive of your video camera, and then open the folder as you would any other disc image folder.

The format of the recorded video must be supported by WinDVD to directly play it from the device.
Enhancing Audio and Video Quality

The Enhancements menu lets you customize your viewing preferences while watching your favorite videos, seeing and hearing the effects you applied in real time.

Playback Device, DSP and Audio Effect are the menus for exceptional audio features and functionality. They provide features to select the audio source, technology, graphic equalizer, DSP effects, listening environment and sound quality according to the DVD content.

Color, Video Enhancement, All2HD and Time Stretch adjust color properties, add special effects, set the display size and properties, and enable Time Stretch, all accessible while playback is in progress so you can see exactly the effects you applied.

To launch the Enhancements menu, click the Tools button in the Caption bar and choose Enhancements.

In this section, you'll find these topics: Setting Playback Device Setting DSP Setting Audio Effect Advanced Audio Setup Adjusting Color Applying Video Enhancements Using All2HD Using Time Stretch

Some features may not be available when Use Hardware Decode Acceleration in the Setup dialog box is selected.

Some features may not be available for all editions of WinDVD.
Setting Playback Device

The Playback Device tab provides options to let you select your audio output device, specify the audio technology, and adjust the speaker gains.

To select playback device
In the Device Selection drop-down box, choose an audio output device. Headphones if you are using headphones through a headphone jack. Speakers (number of speakers is automatically detected) if you are listening to the movie through speakers. S/PDIF out if you are connecting your audio output to a receiver which supports Dolby or DTS audio technology.

To set up speakers
The Speaker control area displays the location of the speakers or headphones as selected from Device Selection. Use the sliders next to the respective speakers to adjust the gain for each speaker. Click the box above the gain slider to adjust the time delay for each speaker. Click the box below the gain slider to reset the gain for each speaker.

To apply filtering and noise reduction technology
Depending on the selected audio output device, different sets of options will appear in the Technology drop-down menu. Specify the filtering and noise reduction technology to be used for the
audio. Stereo: Plays video or audio files in stereo sound. Dolby Headphone: Plays crisp virtual audio through Dolby Virtual Speaker technology. Dolby Virtual Speakers provides audio virtualization for two-channel speaker configuration and creates realistic surround sound from those two speakers. Adjust the Room size slider to specify the coverage area for the virtual speakers. Check the Dolby Pro Logic IIx checkbox to enable this feature and expand existing stereo- or 5.1-channel audio to 6.1 or 7.1-channel audio playback. Choose Movie Mode or Music Mode from the drop-down menu, depending on what is currently being played. SRS Headphone: Provides true surround sound using the technology from SRS labs. Check the SRS TrueSurround XT checkbox to further customize your audio preferences. When selected, the following options are available:

SRS dialog clarity: Dialog in cinema soundtracks can sometimes be difficult to understand due to background noise, inadequate speakers, or poor audio mixing. SRS dialog clarity provides you with the power to bring crisp, clear dialog from your playback material. Adjust the slider to get maximum clarity.

SRS trubass: Modern film soundtracks have a lot of deep bass information in them. SRS trubass enhances movie playback by delivering the bass sound of a subwoofer to small speakers and headphones. It also enhances the capabilities of low-range speakers if you already have a subwoofer. Adjust the trubass slider to enjoy richer, theater-like bass sound.

Corel Headphone: Optimizes your audio settings using Corel's technology. Dolby Virtual Speaker: Dolby Virtual Speakers provides audio virtualization for two-channel speaker configuration and creates realistic surround sound from those two speakers. Choose from Reference, Wide 1, and Wide 2 to specify the coverage area for the virtual speakers.

Dolby Pro Logic IIx: Expands existing stereo- or 5.1-channel audio to 6.1 or 7.1-channel audio playback. In addition to the 5.1-channel Dolby II output, Dolby IIx generates back right and back left channel outputs to provide you with a true surround sound experience.

SRS XT: Provides the same SRS technology in the SRS Headphones option for your current speaker setup.
Setting Playback Device

The Playback Device tab provides options to let you select your audio output device, specify the audio technology, and adjust the speaker gains.

To select playback device
In the Device Selection drop-down box, choose an audio output device. Headphones if you are using headphones through a headphone jack. Speakers (number of speakers is automatically detected) if you are listening to the movie through speakers. S/PDIF out if you are connecting your audio output to a receiver which supports Dolby or DTS audio technology.

To set up speakers
The Speaker control area displays the location of the speakers or headphones as selected from Device Selection. Use the sliders next to the respective speakers to adjust the gain for each speaker. Click the box above the gain slider to adjust the time delay for each speaker. Click the box below the gain slider to reset the gain for each speaker.

To apply filtering and noise reduction technology
Depending on the selected audio output device, different sets of options will appear in the Technology drop-down menu. Specify the filtering and noise reduction technology to be used for the
audio. Stereo: Plays video or audio files in stereo sound. Dolby Headphone: Plays crisp virtual audio through Dolby Virtual Speaker technology. Dolby Virtual Speakers provides audio virtualization for two-channel speaker configuration and creates realistic surround sound from those two speakers. Adjust the Room size slider to specify the coverage area for the virtual speakers. Check the Dolby Pro Logic IIx checkbox to enable this feature and expand existing stereo- or 5.1-channel audio to 6.1 or 7.1-channel audio playback. Choose Movie Mode or Music Mode from the drop-down menu, depending on what is currently being played. SRS Headphone: Provides true surround sound using the technology from SRS labs. Check the SRS TrueSurround XT checkbox to further customize your audio preferences. When selected, the following options are available:

SRS dialog clarity: Dialog in cinema soundtracks can sometimes be difficult to understand due to background noise, inadequate speakers, or poor audio mixing. SRS dialog clarity provides you with the power to bring crisp, clear dialog from your playback material. Adjust the slider to get maximum clarity.

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Setting DSP

In DSP, enhance your audio playback by selecting preset equalizer settings based on various types of sound.

Options include: Rock, Bass, Hall, Soft, Vocal, Classics, Blues, Pop, Rap, Metal, Country, Jazz, Folk, New Age, Opera, Swing, Speech and Custom.

Choose Custom to manually adjust the equalizer. Adjust the sliders to specify which frequencies are increased or decreased in amplitude. Fade: Adjusts the amount of sound given to each speaker. Balance: Adjusts the balance between left and right. Reset: Returns settings to default.
Setting Audio Effect

The Audio Effect tab provides options to adjust sound to create your ideal listening environment and set karaoke features.

To set your listening environment

In Environment, set your listening preferences by selecting from the following modes: Normal: Optimized for most PC listening environments. It boosts the audio level and reduces the dynamic range for more comfortable listening. Theater: Delivers theater-quality sound by preserving the original dynamic range of the movie. Late Night: Reduces bass effects and limits peak volumes. This produces an overall softer sound with fewer startling noises.

In Hall Effect, you can simulate the experience of listening to sound in a large hall or theater. Choose Sydney theater, Chicago theater, or Broadway theater to specify the hall type. Choose Custom to manually adjust the room size and warmth.

Room size virtually adjusts the size of the room. A larger room size will create more reverberating effects.

Warmth virtually adjusts the room warmth. This parameter will decide how much sound is absorbed and how much is reflected.

To configure Karaoke settings

Karaoke options apply only to karaoke DVD and VCD discs. Use these options to enhance your
karaoke experience. Melody: Sends the melody to the speakers as well. Echo: Generates an echo effect. Pitch: Modifies the pitch so that you can find the perfect key to sing along. Move the slider from flat (at the left) to sharp (at the right) in 1/2-step increments.
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**Advanced Audio Setup**

For those who want that extra flexibility, WinDVD includes additional options in the Audio/Video Setup tab of the Setup dialog box. See [Configuring Audio/Video Setup](#).

Send 0.1 (LFE Subwoofer) to Speakers/Headphones

This feature is designed to avoid losing the Low Frequency Effects (LFE, subwoofer, or 0.1 channel) on Dolby Digital sources in a system that does not have a subwoofer installed.

Check the

Send 0.1 (LFE Subwoofer) to Speakers/Headphones to send the subwoofer signal to your Front Left and Front Right speakers (or headphones). When this option is enabled, WinDVD sends the Low Frequency Effects signal equally to the main speakers or headphones. This feature is for richer sound without a subwoofer.

Use this feature only if your main speakers can handle significant bass energy below 80 Hz. Not recommended for use with most PC speakers.
Adjusting Color

WinDVD color controls are similar to those on your television set. They enable you to adjust brightness, contrast, hue, and other parameters.

To configure the Color settings

In the Color tab, select your display device to apply the settings that are optimized for it. Options include Default, LCD, CRT, Projector and Custom to create a new preset.

Adjust the following attributes by moving their corresponding sliders. Brightness: Increases or decreases the video brightness. Contrast: Increases or decreases the contrast. Hue: Adjusts the hue from green to magenta. Color: Adjusts the color from black and white to a more vivid color. GAMMA: Corrects images designed to be viewed in one medium (such as a movie screen) to display accurately in another screen (for example, an LCD).

To return the settings to default values, click the Reset button.
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To return the settings to default values, click the Reset button.
Applying Video Enhancements

The Video Enhancement tab lets you apply filters and effects to your video display, giving you a new viewing experience.

To configure the Video Enhancement settings

1. Select the effect checkbox to apply the filter to the video. Choose from the following effects:
   - Cinema Enhancement: Increases the crispness of the video to reproduce cinematic quality using Corel technology.
   - De-snow: Enhances and produces a clearer image.
   - Up-scaling: Applies a more realistic and natural effect with Basic and Advanced options.
   - Sharpness: Enhances the details in the video, creating an etched effect. De-block: Uses the deblocking filter of the h264 codec. It produces outstanding video quality at low data rates.
   - De-interlace: Select the method to use if your video content requires conversion from interlaced to progressive scan. Two basic techniques of deinterlacing are weave and bob.
   - Auto: WinDVD automatically determines the correct deinterlacing method.

Note: Video Effects may or may not be available, depending on the disc being played.
Force Bob: Creates a full frame from a single field by doubling each line. This technique gives you a slight blur.

Force Weave: Combines two consecutive fields to one frame. This technique gives you a sharper picture. Progressive: Progressive deinterlace is the current state-of-the-art video technology, capable of converting 60 interlaced fields into 60 progressive frames, doubling the video data rate for smoother movie playback.

3 Click the Smart Stretch drop-down menu and choose the setting you desire to enable/disable Smart Stretch. This feature compensates for the difference in aspect ratios when viewing 4:3 content on 16:9 or vice versa. It minimizes the distortion by stretching only the edges of the video and maintaining the original content at the center of the image.

Off: Disables the Smart Stretch feature.

Stretch to 4:3: Adjusts 16:9 video content to fit the 4:3 aspect ratio. Move the Center and Width slider to your viewing preference. Stretch to 16:9: Adjusts 4:3 video content to fit the 16:9 aspect ratio. Further customization can be done through the Center and Width sliders if they are available on the content being played. To return the settings to default values, click the Reset button.
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Using All2HD

The All2HD tab lets you enhance your video using the Trimension™ All2HD technology. Developed by NXP Software, All2HD is a full software-based solution that guarantees quality high definition playback on your PC.

To HD Enhancement

You can convert standard definition to high definition without losing picture quality. Advanced conversion technology lets you convert up to full 1080p.

Digital Natural Motion

A standard computer monitor displays images at a rate of 60 to 100 images per second while film is usually recorded at 24 frames per second. A technique known as 2:3 pulldown converts film to 60 frames per second to be viewed on a computer monitor. This causes motion judder.

With Digital natural motion, the motion speed and direction of objects are measured. New fields are then created with corrected motion position. This results in perfectly smooth and judder-free moving images. Viewers enjoy high-speed action scenes that are sharp and motion compensated.

To configure All2HD settings

1 In the All2HD tab, enable the Enable Trimension All2HD checkbox.
2 To compare a video clip with and without applying All2HD, enable Demo Mode.
3 In To HD Enhancement, select the video resolution. You can upscale standard DVD resolution to full
1080p. Drag the slider to control sharpness.

4 In Digital natural motion, you can set video quality to Best Quality or Cinematic Look. Choose Off to disable this feature.
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Using Time Stretch

Time stretching lets you modify the playback speed from half-speed to double-speed without losing stereo output or distorting the audio. This is a useful feature that enables you to adjust the total length or time of playback to suit your needs. If you need to finish watching a video completely in a time frame that is shorter than the length of the video, you can use the time-stretching feature to speed up the playback.

To configure the Time Stretch settings

1. Click the Slow or Fast button to slow down or speed up playback. Alternatively, use the slider underneath the buttons to control the playback speed.
   The playback speed will be displayed in the Play Speed settings box. In order to ensure that the audio is not affected during playback, the maximum and minimum speed limit range from 0.5x to 2x.
2. Press the Default radio button and enter the specific time you want to finish watching the current movie clip, corresponding with the time in your computer.
3. Press the Total Movie Time radio button to specify the time available for you to complete the movie.

To return the settings to default values, click the Reset button.
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   Remaining Time displays time left before the video ends.
2 Press the Default radio button and enter the specific time you want to finish watching the current movie clip, corresponding with the time in your computer.
3 Press the Total Movie Time radio button to specify the time available for you to complete the movie.
To return the settings to default values, click the Reset button.
Customizing Viewing Preferences

You can create playlists of your audio and video titles, bookmark favorite scenes, do screenshots or capture entire clips.

In this section, you'll find these topics: Creating Playlists Creating Bookmarks Capturing Images and Clips
Creating Playlists

The Playlist displays custom lists of media files available for playback. You can group media files together, such as audio or video, and specify your preferred playback sequence. Any file type supported by WinDVD can be added to the Playlist, including an entire audio or video disc.

To create a playlist
1. On the WinDVD main window, click Open and choose File. The Open panel appears.
2. Click the button to add a new playlist under the current folder. Playlists are arranged according to number starting from MyPlaylist_001, MyPlaylist_002, MyPlaylist_003, etc. You can right-click on a playlist to rename it.

To create a temporary playlist
You can drag and drop files into the Viewing Area and these files will appear under a temporary playlist. Right-click on a temporary playlist to open or delete it. The temporary playlist is cleared when WinDVD is closed.

To edit a playlist
You can copy and paste files from one playlist to another or add and remove items in the same playlist by right-clicking on the Playlist Panel and choosing the option. WinDVD will automatically save the changes.
You can also copy and paste files between temporary and existing playlists.

To run a playlist
Double-click on the playlist to start playback. Displaying the Playlist Panel lets you keep sets of your favorite audio and video files handy without having to know where the files are stored.

Double-click a playlist item to start playback.

The currently used playlist is highlighted. You can also right-click on a playlist to delete or rename it.

**To save a playlist**
You can save your own playlist to your computer's hard drive. By default, WinDVD automatically saves playlists as *.PLF files. The default folder to save the playlist is Documents and Settings\[User Profile]\Corel\WinDVD.
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1. On the WinDVD main window, click Open and choose File. The Open panel appears.
2. Click the button to add a new playlist under the current folder. Playlists are arranged according to number starting from MyPlaylist_001, MyPlaylist_002, MyPlaylist_003, etc. You can right-click on a playlist to rename it.

To create a temporary playlist
You can drag and drop files into the Viewing Area and these files will appear under a temporary playlist. Right-click on a temporary playlist to open or delete it. The temporary playlist is cleared when WinDVD is closed.

To edit a playlist
You can copy and paste files from one playlist to another or add and remove items in the same playlist by right-clicking on the Playlist Panel and choosing the option. WinDVD will automatically save the changes.
You can also copy and paste files between temporary and existing playlists.

To run a playlist
Double-click on the playlist to start playback. Displaying the Playlist Panel lets you keep sets of your favorite audio and video files handy without having to know where the files are stored.

Double-click a playlist item to start playback.

The currently used playlist is highlighted. You can also right-click on a playlist to delete or rename it.

To save a playlist
You can save your own playlist to your computer's hard drive. By default, WinDVD automatically saves playlists as *.PLF files. The default folder to save the playlist is Documents and Settings\[User Profile]\Corel\WinDVD.
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To create bookmarks

While viewing a video file, click Tools > Bookmarks. The Bookmark Browser is displayed.

When you get to the scene you want to bookmark, click the button to add a bookmark.

By default, the bookmark is displayed as a thumbnail image on the Bookmark Browser. The marked locations are saved in the Documents and Settings\[User Profile]\Application Data\Corel\WinDVD\Bookmark folder. A bookmark's file name includes the title name and the numeric time code (i.e., TT01Ch10 00:15.31).

To bookmark chapter points automatically, click

To view a bookmark

Do either of the following: Double-click the bookmark thumbnail on the Bookmark Panel. Right-click on the Viewing Area, click Bookmark > Bookmark Browser and choose the bookmark thumbnail.

To save or export a bookmark

You can save your own bookmark to your computer's hard drive. By default, WinDVD automatically saves bookmarks as *.XML files.

To save a bookmark, click the button in the Bookmark Browser, type a name for the bookmark, and then click Save.

To import a bookmark

You can open existing bookmarks from movies by clicking the button in the Bookmark Browser.

To delete a bookmark thumbnail

On the Bookmark Browser, select the bookmark thumbnail and click the
button. Only the thumbnail is deleted and the bookmark file remains in the Bookmark folder.

Displaying Title Thumbnail Bookmarks of VR Discs

WinDVD supports playback of VR discs that let you edit DVD movies whenever required. If the inserted disc is DVD+VR or DVD-VR, click the button to show the Title thumbnail bookmark. Click the button again to show the Chapter thumbnail bookmark of the current title. Click a thumbnail to view it.
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Capturing Images and Clips
WinDVD allows the capture of static images or moving clips during movie playback of DVD-video and video files.

To capture a still image
Capture your perfect movie scene and use it on your computer as a desktop wallpaper or send it as an email attachment.
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By default, the captured image is displayed in the Capture Browser and the image files are saved as *.BMP files in the Documents and Settings\[User Profile]\Application Data\Corel\WinDVD\Capture folder.

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2. WinDVD generates the attachment, and then launches the default e-mail program.

To capture a video clip using Quick Clip
WinDVD lets you create an animated image from a selected movie clip segment. You can share the animated image with your friends by sending the image file as an email attachment. By default the animated images are saved in the Documents and Settings\[User Profile]\Application Data\Corel\WinDVD\Capture folder.
1. While viewing a video file, click Tools > Capture. This opens the Capture Browser.
2. When you get to the part of the video that you want to capture, click the button. This starts the recording process.
Note: The maximum length of WinDVD motion capture is up to 15 seconds only. When the recorded scene reaches the time limit, recording automatically stops and the clip is saved in the Capture folder.
3. Click the button to stop motion capture.
4. The captured clips are displayed as thumbnail images on the Capture Browser. To see a larger preview of the thumbnails, double-click on the thumbnail.
By default, captured clips are saved as *.GIF files in the Capture directory of the WinDVD folder.

To send Quick Clip video by e-mail
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To configure the Quick Clip setting
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Configuring WinDVD

You can configure WinDVD function based on your preferences. Specify the storage location of the media files on your computer, add or remove plug-ins, set privacy and security options, or select the sound quality of the audio files that you play from CDs or DVDs.

To access WinDVD Setup, right-click on the Viewing Area and choose Setup. The Setup dialog box appears.

This chapter provides information about setting up your WinDVD. Some features may not be available with all versions of WinDVD. For more details, visit the Corel Web site at www.corel.com.

In this section, you'll find these topics: Configuring Preferences Configuring Playback Control Configuring Audio/Video Setup Configuring Region Settings Configuring Mobile Technology Pack Viewing Information
Configuring Preferences
The Preferences settings let you set options for general functions.

To configure the Preferences settings
1 In the Setup dialog box, click the Preferences tab.

2 In the Auto Resume drop-down menu, choose from any of the following options:
   - Always start from beginning: Resumes playback at the start of the disc.
   - Always start from last position: Resumes playback at the point where the disc was stopped.

3 In Player Preference, check the Start from full screen mode to launch DVD in full screen mode.
   Choose either Normal or Always on top to set the display behavior of the video window.

4 In Full Screen Control Configuration, choose from any of the following options:
   - Auto Hide: Automatically hides the Player Panel and Caption Bar after a period of no mouse activity.
     You can indicate the number of seconds before the Player Panel and Caption Bar are automatically hidden.
Show: Displays the Player Panel and Caption Bar in Full Screen mode.

Hide: Does not display the Player Panel and Caption Bar in Full Screen mode.

Check Enable on-screen display to show control panels and other information on screen. Also known as OSD, on-screen display lets users to view information or select options.

5 In the Menu Language drop-down menu, choose the default menu language.

6 In the Audio Language drop-down menu, choose the default audio language.

7 In the Subtitle Language drop-down menu, choose the default language for subtitle display.

8 In the Subtitle/CC Style drop-down menu, choose either Normal or Transparent option.

Normal: Subtitles will appear in their original state. Transparent: Subtitles will appear as slightly transparent.

9 Click OK.
Configuring Preferences
The Preferences settings let you set options for general functions.

To configure the Preferences settings
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9 Click OK.
Configuring Playback Control

The Playback Control settings let you set controls during playback and capture. It also sets your options for Parental Control, preventing unauthorized users such as children and minors from viewing movies that have a high MPAA rating. Languagemate, a feature that lets you take advantage of learning a new language through repetition, can also be set.

To configure the Playback Control settings

1. On the Setup dialog box, click the Playback Control tab.

2. In Bookmark/Capture Configuration, choose the destination folder of your bookmarked/captured images and movie clips.

3. In Control Timing Configuration, set the length (in seconds) of instant replay playback or set the number of seconds to jump ahead in the title. The default speed for the Instant Replay Time and Skip Forward features are 5 and 30 seconds, respectively.

4. Click Set Password to set parental control restrictions for a DVD that is above the rating limit specified in the Set Rating option.

5. Click Set Rating to set the maximum rating (i.e. All Ratings, G, PG, PG-13, R, and NC-17) allowed for viewing movies in WinDVD.
6 In Quick Clip Setting, set the following options:
   · In the Capture Size drop-down menu, choose the default image size for captured clips. Drag the Interval slider to adjust the default time period between each captured frame of the clip. Drag the Play Speed slider to adjust the default speed of the clip.
7 Select Enable Languagemate to enable LanguageMate™, a WinDVD feature that lets you learn a new language during playback.
Configuring Playback Control

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Configuring Audio/Video Setup

The Audio/Video Setup lets you set audio preferences such as output, speaker configuration, and subwoofer control and adjust the video settings.

To configure the Audio/Video Setup settings

1 On the Setup dialog box, click the Audio/Video Setup tab.

2 In Advanced Audio Control, you can do either of the following:
   · Select Send 0.1 (LFE Subwoofer) to Speakers.Headphones to send the subwoofer signal to the main speakers or headphones.
   · Select Enable Auxiliary Audio option to enable auxiliary devices present in your system. The output of auxiliary audio devices is mixed with your MIDI and waveform-audio output devices. Select Remember Volume Setting to retain the last volume level setting the next time you run WinDVD.

3 In Advanced Video Control, do either of the following tasks:
   · Select Use Hardware Decode Acceleration to show the corresponding video technology (NVIDIA PureVideo HD, AMD Radeon, or Intel Clear Video).
PAL TruSpeed to automatically correct PAL speed errors and adjust audio pitch. Select Fixed Aspect Ratio to fix the aspect ratio of your video.
4 Click
OK.
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4 Click
OK.
Configuring Region Settings

Determine the region for which a DVD is designed by looking for a small standardized globe icon in the middle of the disc that indicates the region number. If the disc can be played in more than one region, it will have more than one number on the globe icon. If the disc does not have any regional coding, "ALL" is printed over the globe icon or there will be no globe icon at all.

To change your DVD drive Region settings

1 On the Setup dialog box, click the Region tab.

2 Choose a region, and then click OK.
Configuring Region Settings

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To change your DVD drive Region settings

1. On the Setup dialog box, click the Region tab.

2. Choose a region, and then click OK.
Configuring Mobile Technology Pack
Mobile Technology is optimized for Intel Centrino Mobile technology. With WinDVD optimized power saving settings, memory caching and battery end life control, you can enjoy your movies without worrying about your battery dying unexpectedly. The Mobile Technology power-saving feature is only applicable when the system is in battery mode, particularly in laptop computers.

To configure the Mobile Technology Pack power-saving feature
1 On the Setup dialog box, click the Mobile Technology Pack tab.

2 Select the Enable WinDVD Mobile Power Scheme checkbox to enable the Mobile Technology power-saving features and maximize battery life while running WinDVD on your laptop.
3 Click View Mobile Power Settings to view and customize the power scheme options.
4 Select the Enable Mobile Power Optimizations checkbox to enable the system memory optimizations to reduce power.
5 In the System Memory Usage drop-down menu, choose from a variety of power-saving modes:
Aggressive: Offers the best power-saving feature, but may affect the performance of other applications running at the same time.

Average: Offers some power-saving feature. Does not significantly affect other applications.

Conservative: Offers the least power-saving feature, but allows maximum flexibility to run new applications.

6 In Minimum Battery to Play, slide the lever from left to right to set the minimum battery run time. This setting prevents your laptop from unexpectedly shutting down during continued movie playback. When the battery life reaches the level indicated, WinDVD will close automatically and you can still use your laptop for other applications.

7 Click OK.
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7 Click
OK.
Viewing Information

The Information tab displays the current system and setting information. This can help during troubleshooting or when asking for Technical Support.

To view Information
1 On the Setup dialog box, click the Information tab.

2 Click OK to exit.
Viewing Information

The Information tab displays the current system and setting information. This can help during troubleshooting or when asking for Technical Support.

To view Information
1 On the Setup dialog box, click the Information tab.

2 Click OK to exit.
Using Blu-ray Disc Technology

Corel WinDVD exceeds the standard playback function of other media players with its capability to support various BD features, allowing you to get the most out of Blu-ray disc technology. In this section, you'll find these topics: Enabling the BD Pop-up Menu Connecting Through BD-Live Accessing BD-J Content Digital Audio Output for BD-ROM Audio Mixing for BD-ROM discs Audio Setup

Check the Corel website for more information on the recommended system requirements for Blu-ray playback.
Enabling the BD Pop-up Menu

A pop-up menu feature for BD playback allows for expanded interactivity, such as browsing through a multi-page menu, selecting different menu paths, or enabling and disabling pop-up menu button sounds. You can access the pop-up menu by clicking on the Media Type button in the Caption Bar and select Pop Menu.

The pop-up menu is enabled during playback of BD discs, with BDMV, or BD-J contents. This menu is disabled during playback of BD discs, with BDAV content.
Connecting Through BD-Live

WinDVD allows you to easily connect to the internet and download special features, movie trailers and access additional information about your BD title in real time using the BD-Live function.

A Blu-ray disc with BD-Live functionality and a BD player with an internet connection are needed to enable this function. The features accessible through BD-Live depend on the BD title you have.
Accessing BD-J Content

WinDVD allows you to enable and access BD-J content depending on the features supported of the BD title you have.

Most keyboard shortcuts will not be operational while accessing BD-J content. You may use mouse simulation to navigate and control the BD-J operation by enabling mouse simulation in Preferences.
Digital Audio Output for BD-ROM

This section explains the S/PDIF and HDMI digital audio output behavior for BD-ROM discs.

Synchronization with Vista Device Playback Settings
WinDVD syncs with the audio playback device setting in the Vista and Windows 7 operating systems.

WinDVD audio settings will adjust accordingly once Vista and Windows 7 audio settings are changed.

Bypass and Non-bypass modes
To determine whether WinDVD should bypass the audio stream, the Dolby Digital checkbox must be checked in Supported Formats tab of the Digital Output Device Properties window, which is also known as Bypass Mode.

Actual results depend on the capability of the external decoder.

In Non-bypass Mode (Dolby Digital is unchecked), WinDVD will decode the audio stream and the actual result will depend on the features enabled in WinDVD.
Audio Mixing for BD-ROM discs

This exclusive setting for BD-ROM discs lets users determine whether to enable audio mixing function in mixing primary and secondary audio and sound effects before sending the audio stream to Digital Audio Output device.
Audio Setup

Interaction between Bypass mode setting in OS and Primary Audio Only

The option in Advanced Audio Settings will only be available if the system is equipped with S/PDIF or HDMI port. The setting only works when Bypass mode is enabled during digital audio out. Once the option is enabled, WinDVD will output primary audio when producing digital output. If the option is disabled, WinDVD will enable the mixer and produce mixed audio.

This option is enabled by default in BD-ROM discs.
# Keyboard Shortcuts

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Select
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Troubleshooting

The following contains specific problems that may arise during the use of your WinDVD. Possible solutions are listed for each problem.

In this section, you'll learn to deal with: Uneven Video Playback Error - Cannot Create Overlay Reducing CPU Load
Uneven Video Playback

If your movie is playing in an uneven manner, make sure that your hardware meets or exceeds the minimum requirements for using WinDVD. If it does, the problem could be with the DMA setting. Make sure that the DMA setting of your DVD-ROM drive is turned on before using WinDVD. The following procedure is to enable DMA for Windows Vista®.

To enable the DMA setting
1 Click Control Panel in the Start Menu and double-click on the System and Maintenance icon.
2 Click Device Manager.
3 Double-click IDE ATA/ATAPI controllers or click the plus sign next to it to expand it.
4 Right-click on Secondary IDE channel and select Properties.
5 Click the Advance Settings tab and select Enable DMA under Device Properties.
6 Click OK.

If there is no DMA checkbox available on your system, you may have a motherboard that does not support DMA, or you may need a new set of drivers to update your motherboard support. Verify the type of motherboard that you have and check the Web site of that manufacturer for an updated chipset driver. Some core logic chipset Web sites are listed below: Intel - [www.intel.com](http://www.intel.com) VIA - [www.via.com.tw](http://www.via.com.tw) ALi - [www.ali.com.tw](http://www.ali.com.tw)
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Error - Cannot Create Overlay

If you consistently see a Cannot Create Overlay error message, the problem may be with your resolution. Your first step should be to lower the resolution to 800x600 and set the color to High Color. It might also be that your graphics card does not use a hardware overlay surface. This surface is needed to display video and play back DVDs on supported CPUs. Without a hardware overlay surface, demands on the graphics card increases and performance may be compromised; even the fastest CPUs may not be able to compensate for the lack of a hardware overlay surface. Cards that use software overlay surfaces can fail to work or suffer from decreased performance and video quality.
Reducing CPU Load

Graphics chips with built-in Hardware Motion Compensation (HWMC) offload 20 to 30% of the CPU requirements for DVD software decoders. Please note that the quality of the HWMC varies for different cards.

Try turning on and off HWMC to determine whether the playback is best using software or hardware. This setting can be changed in the Display tab of the Properties dialog box.

WinDVD includes support for hardware-assisted IDCT or Inverse Discrete Cosine Transformation decoding when it is built into the graphics subsystem.

As with hardware-assisted motion compensation support, hardware IDCT reduces the CPU load and processor requirements by an additional 10 to 15%.

For more information, visit the Corel Web site at www.corel.com. You will find a complete list of FAQs (Frequently Asked Questions) on our Web site, as well as a link to our technical support.