

DVD MovieFactory™ 4 Disc Creator



Features and Benefits

Ulead® DVD MovieFactory™ 4 Disc Creator is the quick and easy way to make great DVD movies, music discs and write data on DVDs or CDs. Simply drag files to the quick-drop icons on your desktop. Create motion menus with free moving, resizable buttons. Shrink the files on your double-layer DVD to fit on a single-layer DVD. Compatible with any DVD player.

Get Media from Anywhere

- **Videos From Anywhere** - Use video clips on your hard drive, from the Internet, set-top DVD recorder discs, camcorders, TV tuner cards, VCRs, TVs, home DVDs and DVD-RAM recorders.
- ENHANCED** • **Capture New Video Formats** - Now you can capture Digital TV broadcasts (DVB-T*) on-the-fly for quick burning to DVD.
- NEW** • **Complete Digital TV Support** - Capture and burn full-quality Digital TV straight to disc from Digital Terrestrial devices. DVD MovieFactory also fixes occasional signal losses that can occur when capturing digital TV to the MPEG standard.
- **Photos From Anywhere** - Get photos from digital still cameras, PCs, webcams, mobile phones and more.
- **Automatic Field Order Detection** - Stops DVD movies from flickering due to reversed field orders on video clips taken from different sources.
- **Intelligent Capture by Scene** - Capture your DV tapes by scenes for easier navigation, editing and authoring.
- **MPEG-Direct Capture** - Save conversion time and disc space by capturing directly to DVD-ready MPEG format.
- **Accurate Timed Recordings** - Set an expected duration to capture video from the beginning of the tape, or from pre-defined in/out points.
- **Full DVD Compliant Audio Encoding** - Author DVD movies with MPEG-1 Layer 2 Audio, LPCM (Linear PCM) audio, or Dolby® Digital for broader set-top player support.
- ENHANCED** • **Dolby® Digital Import & Burn** - Enjoy smaller audio file sizes than offered by MP3 audio files with much higher sound quality and more video on your discs.

The Need for Speed

- **NEW Quick-Drop Desktop Icons** - Simply drag files to the floating, quick-drop icons on your desktop to instantly preview, edit and burn your music, data, VCDs and DVD movies.
- **Easy Step-By-Step Wizard** - Let's you create impressive DVDs, VCDs and SVCDs in no time.
- **Effortless Video-to-Disc Burning** - Burn video faster and easier than before. In just a few steps, you can burn digital video, VHS movies or TV programs straight from your camcorder, VCR, or TV to discs without taking the time and space to store the video on your hard drive first.
- ENHANCED** • **Ready-to-Go Menus** - Depending on the video format you are using, you can quickly pick a standard 4:3 or widescreen 16:9 motion menu template from many styles to make a professional-looking DVD.
- **NEW Auto-Fit Video to Disc** - DVD MovieFactory 4 will make an instant calculation and automatically fit the video onto one disc with the best quality possible.
- ENHANCED** • **Automatic Chapter Points** - For easy navigation through your DVD movies, you can choose to create automatic chapter points by scene or date according to the DV source tape.
- **Add First-Play Video** - Add an introduction video or photo slideshow to automatically play as soon as the disc is inserted into a player – just like copyright warnings at the beginning of Hollywood DVD titles. This is great for company logos and animations.
- **Edit DVDs in a Flash** - Easily edit any project directly on a rewritable DVD by adding more video or images to slideshows, or modifying menu items.
- **Playback Simulation** - Save time and money by previewing the DVD/VCD de-interlaced in real-time before burning to disc.

Pro Technology for Great Movies

- NEW** • **Change your Disc Format Anytime** - If you started a DVD project, you can change the format to VCD, SVCD or back to DVD anytime in the authoring process before you start burning a disc.
- NEW** • **Full 16:9 Video Authoring & Menus** - Now you can preview, edit, add menus, and author 16:9 video and render it in nonsquare pixels DVDs to be viewed on widescreen TVs.
- NEW** • **Signal Detection Support** - Capturing will automatically stop if the video signal is interrupted for more than 30 seconds.
- NEW** • **Multiple Background Audio for Video Titles** - Add multiple background music and audio files to your video titles and also set the audio to fade-in/-out between tracks.
- NEW** • **NTSC & PAL Safe Colors** - Use video friendly and safe fonts and colors to ensure that your DVD menus always look good on any monitor or TV.
- NEW** • **Delete Temporary Files** - Simply click a button to delete temporary files, freeing up disc space.
- **Variable Bit Rate (VBR)** - Maximize disc space by squeezing the highest quality video on to a disc. VBR is superior to Constant Bit Rate encoding, but the user has the freedom to choose a quality preset or customizable VBR, CBR and data rate settings.
- ENHANCED** • **Multi-Trim** - Use fast forward/backwards and the new speed shuttle buttons to efficiently find time codes to remove or keep video clips. Easily get rid of unwanted video and commercials from TV.

*DVB-T only applicable in Europe & Taiwan



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- **Voice-overs** - Record a voice-over for any portion of a video or slideshow.
- **Adjustable Background Audio** - Add background audio to the video, adjust the volume and mix the new audio by percentage with the original audio. The audio will also auto fade out, or repeat to fit the video or slideshow's duration.
- NEW** • **Double Layer Support** - Import from and burn movies to double layer DVD+R discs with twice the capacity of standard DVDs.
- NEW** • **Fit to Disc** - Import a DVD, select the content, language and subtitles you want, and convert it to DVD-video. Back up and compress long videos or double layer DVDs to a single disc or hard drive.
- **Automatic Scene Selection Menus** - Create scene selection menus automatically just like those in professional DVDs.
- **Easy Chapter Creation** - Automatically scan for scene changes to add convenient chapter points based on DV tape stops and starts, scene changes or at fixed time intervals, or simply insert a chapter point at any time.
- **Audio Normalization** - When creating a DVD movie this feature will adjust the volume levels of different video clips to maintain consistent audio levels through-out the project.
- **MPEG.Now Encoding** - The performance-enhanced video compression engine (MPEG codec) produces great looking movies when played back on TV or computer.
- ENHANCED** • **Smart Re-linking of Files** - Use Smart re-link to find files belonging to a project to save you valuable time and improve your workflow.

Time to Get Creative

- **Unlimited Menu Template Combinations** - Select and modify menu layouts with titles, thumbnail frame styles, buttons, and photo or video backgrounds. Menus can be customized with thousands of styles and saved for convenient future use.
- NEW** • **Resizable Free Moving Menu and Text Buttons** - Move and resize all the menu objects freely and place them anywhere for complete creative freedom.
- **Motion Menus in Real-Time** - Add the excitement of full-motion menus with motion buttons and backgrounds all with real-time preview.
- ENHANCED** • **Adjustable Motion Menu Duration** - Set the motion menu loop duration and make it match the duration of the background video anything between 1 and 30 seconds. You can also set the starting frame of the motion background and/or motion buttons to prevent the black opening section of your video to be part of the motion menu.
- **Live up Menus with Music** - Add background music in WAV, MPA and MP3 formats. Add favorite songs from audio CDs which are automatically converted to WAV files.
- **Combine Video and Still Images** - Add single still images to a DVD project without having to make a slideshow first.
- **Creative Transition Effects** - Add professional-looking transitions on scene changes by DV time code or content, or between selected points on video clips or slideshow images.
- **Flexible DVD Navigation Control** - You can define the play-end action to return to the original menu or play the next video clip, and also set it to auto-repeat the entire disc.
- ENHANCED** • **Customizable Default Transition Duration** - You can now customize the duration of the default transition as well as the duration for audio fade in/out to suit your particular needs and style.
- NEW** • **Auto Video Enhancement** - Automatically make dark video clips lighter to make your DVDs smoother to watch.
- **Slideshows Come to Life** - Add transitions and titles on any picture in any position. Background music can automatically loop, fade out or adjust the slideshow timing to fit the length of the music.
- NEW** • **Dynamic Pan & Zoom** - Add motion panning and lift out individual faces and places from your photos with exciting Pan & Zoom effects.

Complete Set-Top DVD Recorder Support

- **Smart On-Disc Editing** - Make direct changes to any rewritable discs from set-top DVD recorders. Put the same disc back in your recorder and add more.
- **DVD+VR** - With set-top DVD recorders (such as DVD+RW) that support the DVD+VR format, add video, photos, audio, DVD menus, and special effects – the smart way to make great DVDs that are fun to watch.
- **DVD-VR** - With set-top DVD recorders that support the DVD-VR format (such as DVD-RW or DVD-RAM recorders), you can multi-trim, add/remove video directly on the disc and also choose to have dual soundtracks for different languages.
- **Video from DVD Recorders** - Want to play DVDs recorded on your set-top DVD recorder on a standard DVD player? Just import any video from DVD-RAM, DVD-RW or DVD+RW set-top recorders. Edit movies, add photos, create great menu designs and burn a DVD disc to be played on any DVD player.
- **Greater Playback Compatibility** - In one click convert DVD-VR set-top recorded video to standard DVD-compliant video for playback on any home DVD player or computer.
- NEW** • **Protect Disc** - User-specified sections of DVD-VR discs can be locked and unlocked to prevent accidental erasure or formatting
- NEW** • **DVD-VR Movie Export** - Export DVD-VR programs or play lists as MPEG, MOV, WMV and ASF video directly to the hard drive.

The Power of Sharing

- **One-Click Disc Copies** - Easily copy home-produced DVDs, VCDs and SVCDs with disc-to-disc convenience.
- **One-Drive Copies** - There is no need for an extra ROM drive: copy discs with only one CD or DVD burner.
- **All Disc Formats Supported** - Make VCDs, SVCDs and DVDs that are playable on all PC and standalone DVD players.
- NEW** • **Double Layer, XDVD and DVD+VR 2.0 support** - Make sure that everyone can view your DVD. All the new formats are now supported to keep up with the latest developments in technology.
- **Disc Image Burner** - Save completed projects (disc images) on the hard drive to burn more CDs or DVDs at any time.
- **Video and Data on One Disc** - JPEG files, Microsoft® Word and PowerPoint documents, PDFs and other data can be added while burning video and slideshows to VCD, SVCD or DVD discs.

- NEW** • **Create Video File Function** - If you're not quite done with a video project, you don't have to burn to DVD or CD. You can simply create a video file and return to your project at a later time or use it in another project.
- **Customized CD and DVD Labels** - Give your CDs and DVDs a personal finish using the many available label templates. Customize your disc labels and save them for future use.
- NEW** • **Print Menu Information on DVD Labels** - You can easily add the menu background, scene button image and titles to your DVD labels without recreating the images or retyping the titles.
- **Versatile Software CD and DVD Player** - The Ulead® DVD Player™ will play all audio and media files, music CDs, VCDs, DVDs and discs created by Ulead products.

Create Great Music Collections

- NEW** • **Make Dolby® Digital Audio DVD Discs** - You can pack 45 hours of Dolby® Digital Audio music onto one DVD disc. Import uncompressed CD music and it will automatically be converted. Play the completed discs on any DVD player in your home or car.
- NEW** • **Burn DVD-Audio Discs** - Get 6 hours of great, uncompressed-quality music on a DVD-Audio disc. Play on DVD-Audio players or on DVD players that support the DVD-Audio format.
- **Create Audio Compilation CDs** - Easily create your own collection of Compact Disc-Digital Audio (CD-DA) tracks and automatically convert MP3, WMA or other audio files into CD-DA format that can be played on any commercial CD player.
- NEW** • **Edit Music Files** - Trim and normalize your music files, make them fade in and out, and add gaps between tracks.
- **Built-in Preview Player** - Play instant previews of selected audio tracks as you build your audio compilation.
- **CD Text Info Logging** - Enter the album name, artist, arranger and language data, which are displayed when the Audio disc is played on CD Text-capable players.
- **Make DVD and CD MP3 Music Discs** - Create MP3 CD and DVD music compilations by importing and arranging existing MP3 formatted files and edit MP3 information data tags to keep track of your music.
- NEW** • **Audio CD Ripping** - Easily get music from CDs and convert songs to MP3 files or simply make a new mix CD - ideal for compiling your favorite music to a play list.
- NEW** • **Easy Audio and Video Conversions** - Save time by automatically converting many audio and video formats like WAV, MPA, WMA, Dolby® Digital, ASF, Au, AVI, MOV, QT, Mpeg, WMV and Dat to CD and DVD player-supported file formats like MP3 or CDA.
- NEW** • **MP3 Encoding** - Collect your favorite music from multiple albums and convert it to MP3 for long-play MP3 discs.

Back Up Your Data

- **Backup data to any CD** - Take advantage of CD discs to burn data as an inexpensive way to store and share files.
- **Backup data to any DVD** - Burn any files from your hard disk to DVD. DVDs offer a storage size of 4.7GB (or 8.5GB for double layer discs), which allows you to backup any critical files and photo/video memories from your hard drive to DVD for safekeeping.
- **Data disc editing** - Whether using CDs or DVDs in the rewritable format, you can continue to edit data on a disc like you would on a portable hard drive.
- NEW** • **Make DVDs/CDs act like hard drives** - Format your discs with **Data-Add** to conveniently drag files on and off the disc, just like it was a computer hard drive.
- NEW** • **Double Layer Support** - Now you can import from and burn movies and data to double layer DVD+R discs with twice the capacity of standard DVDs.
- NEW** • **Burned Disc Verification** - After burning, the data on the disc will be compared with the source data. This is to make sure that your data is safe and can be read from the disc.

General

- **Erase Discs** - You have two options to erase discs depending on your needs. Quick Erase is useful to save time and Full Erase will do a more thorough erasure of the CD.
- **Format Discs** - You have the flexibility to specify disc formats. The UDF format allows discs to be created that exceed the 4GB limit in file size, which is a limitation of the ISO format.
- **Built-in Info** - Disc Info and Drive Info gives you vital information to customize your CD/DVD projects.
- **Disc Meter** - To save time and money, the Disc Meter visually depicts the available disc space. For audio disc compilations, the Disc Meter automatically displays total time available.
- **Burning Speed Options** - During the Disc Creation Step, you can specify the disc writing speed to guarantee successful burning.



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Preview, Burn & Edit the Smart Way

NEW Quick-Drop Desktop Icons - Simply drag files to the floating, quick-drop box icons on your desktop to easily and quickly edit, burn and play media. Each box has multiple functions:

1) Play box - Drag media files like video, photos and music into this box. The Preview Pad will open and playback will start immediately. You can also drag and drop files directly to the Preview Pad, capture video and photos, and switch TV channels (if you have a TV tuner card).

2) Video box - Drag video or photo files onto the box to burn video or slideshow discs immediately. You can also connect a TV source, DV camcorder or digital still camera to the computer. Then just click the red button to start burning. If you want to edit the content first, double-click the Video box to open Ulead MovieFactory 4.

3) Data box - Simply drag files into the Data box, and click the red button to start burning. If you want to edit the content or setup options, double-click the Data box to open Ulead Burn.Now.

4) Music box - Simply drag music files into the Music box, and click the red button to start burning. If you want to edit the content or setup options, double-click the Music box to open Ulead Burn.Now.

5) Copy box - For disc-to-disc copies, put a writable disc in your burner, drag the source drive letter in Windows Explorer to the Copy box, and click the red button to start burning. If you want to edit the content or setup options, double-click the Copy box to open Ulead Copy.Now.

6) Sync box - This is used to synchronize the data between a portable device (such as a flash disk) to maintain data consistency.

System Requirements

Minimum Requirements

- Intel® Pentium® III 800-MHz, AMD Athlon™ 800 MHz
- 128 MB RAM (512 MB or above recommended)
- Microsoft® Windows® 98SE, Me, 2000, XP
- 950 MB hard disk free space for program installation
- DirectX® 9.0, Windows Media Format 9, Macromedia Flash Player 7, Microsoft Internet Explorer 6 or above
- Windows® compatible sound card
- Windows® compatible display with 1024 x 768 resolution or above
- Windows® compatible AGP or PCI graphic card (overlay support is recommended)
- Windows® compatible mouse or pointing device

Optional Requirements

- Intel® Pentium® 4, 1.8 GHz, AMD Athlon™ 1.7 GHz or higher is required when capturing and burning from DV/TV Tuner to DVD discs directly
- USB1.0/2.0 or PCI capture devices compliant to WDM standards and PC cameras
- IEEE-1394 (FireWire) I/O devices compliant with OHCI standards cards for use with DV/D8 camcorders
- Windows® compatible DVD-R/RW, DVD+R/RW, DVD-RAM, CD-R/RW drives for creation of DVD/VCD/SVCD discs

- 5 GB of available hard drive space or higher for 2 hours of high quality DVD video capturing
- 5 GB of available hard drive space or higher for DVD disc burning

File Format Support

Input:

- **Video:** DVD-Video, DVD+VR, DVD-VR, MPEG-1, MPEG-2, AVI, DV AVI, DAT, VOB, WMV, QuickTime™, Sony® MICROMV™
- **Image:** BMP, GIF, JP2, JPC, JPG, PNG, TGA, TIF
- **Audio:** CDA, MPEG Audio (MPA), MP3, WAV, Dolby® Digital

Output:

- **Video:** MPEG-1, MPEG-2, AVI, WMV, ASF, QuickTime™, MOV.
- **Audio:** LPCM, MPEG audio, Dolby® Digital Stereo, MP3, Ogg Vorbis Audio, Wav, Windows Media Audio, AU
- **Image:** BMP, JPG
- **Disc:** DVD (DVD-Video, DVD+VR, DVD-VR), miniDVD, VCD, SVCD, DVD-Audio, Audio-only DVD, Audio CD, MP3 CD/DVD, Data CD/DVD
- **Media:** CD-R/CD-RW/DVD-R/DVD-RW/DVD+RW/DVD+R/DVD+R (Single/Double Layer)/DVD-RAM (CPRM)