

Ulead DVD DiscRecorder

User Guide
InterVideo Digital Technology Corporation
January 2007

Ulead DVD DiscRecorder version 2.3

Copyright © 2007 InterVideo Digital Technology Corporation. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or storing in a retrieval system, or translated into any language in any form without the express written permission of Corel Corporation.

Software license

The software described in this document is furnished under a License Agreement which is included with the product. This Agreement specifies the permitted and prohibited uses of the product.

Licenses and trademarks

ICI Library © 1991 - 1992 C-Cube Microsystems.

Copyright © 2007 InterVideo Digital Technology Corporation. All Rights Reserved. Corel, the Corel logo, Ulead, the Ulead logo, Ulead DVD MovieFactory, InterVideo, the InterVideo logo, WinDVD and InterVideo DVDCopy are trademarks or registered trademarks of Corel Corporation and/or its subsidiaries.

Intel, the Intel logo, Core 2 Duo and the Core 2 Duo logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Microsoft, Windows, Vista, and other Microsoft products referenced here in are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Apple, QuickTime and the QuickTime logo are trademarks of Apple Computer, Inc., registered in the United States and other countries. QuickTime and the QuickTime logo are trademarks used under license. Adobe, the Adobe logo, Acrobat, the Acrobat logo are Trademarks of Adobe Systems Incorporated. Macromedia, Flash and Macromedia Flash are trademarks or registered trademarks of Macromedia, Inc. in the United States and internationally. Avery is a trademark of Avery Dennison Corporation. Manufactured under license from Dolby Laboratories. Dolby and Double-D symbol are trademarks of Dolby Laboratories. Blu-ray Disc and Blu-ray Disc Logo are trademarks and/or registered trademarks licensed by Sony Corporation on behalf of Blu-ray Disc Association (BDA). LabelFlash and the LabelFlash logo are trademarks and/or registered trademarks of the Yamaha Corporation. DivX is a registered trademark of DivX, Inc. "AVCHD" and "AVCHD" logo are trademarks of Matsushita Electric Industrial Co., Ltd. and Sony Corporation. All other product names and any registered and unregistered trademarks mentioned are used for identification purpose only and remain the exclusive property of their respective owners.

Protected by U.S. Patent 6,121,976; Taiwan Patents 079758 and 147957.

Template files

Files provided as samples on the program CD can be used for personal demonstrations, productions and presentations. No rights are granted for commercial reproduction or redistribution of any sample files.

North & South America

<http://www.ulead.com>

Support: <http://www.ulead.com/tech>

Germany

<http://www.ulead.de>

Support: <http://www.ulead.de/tech>

United Kingdom

<http://www.ulead.co.uk>

Support: <http://www.ulead.co.uk/tech>

France

<http://www.ulead.fr>

Support: <http://www.ulead.fr/tech>

International

<http://www.ulead.com>

<http://www.ulead.com.tw>

Support:

<http://www.ulead.com/tech>

<http://www.ulead.com.tw/tech>

Japan

<http://www.ulead.co.jp>

Support: <http://www.ulead.co.jp/support>

China

<http://www.ulead.com.cn>

Support: <http://www.ulead.com.cn/tech>

Table of Contents

Welcome to Ulead DVD DiscRecorder	5
Hardware checkup and configuration	5
Running DVD DiscRecorder	5
Important terms to know	5
Preferences	6
General	6
Capture	6
Create Disc	7
Introduction to the workspace	7
Capturing videos	8
Adding video files	8
Adding and editing slideshows	9
Importing DVD video	9
Editing programs	10
Editing a program with Multi-trim Video	10
Protecting programs	11
Playlist	11
Setting the name for a program, playlist, or entry point	12
Exporting video or image files	12
Burning your disc	13
Edit Disc	13
Formatting a disc	13
Protecting a disc	14
Certifying a disc	14
Straight Capture to Disc	14
Index	15

Welcome to Ulead DVD DiscRecorder

With DVD DiscRecorder, users can capture, edit, and save videos in the DVD-VR format or convert these videos to the DVD-Video format for use with DVD-RW or DVD-RAM.

DVD-VR (Video Recording) is a widely accepted video recording format often used with hardware devices such as DVD camcorders or set-top DVD recorders. It was created by the DVD Forum to bring the familiar functionality of VCRs to video editing.

Hardware checkup and configuration

To make sure your video production runs smoothly and trouble free, click **Control Panel: System - Hardware - Device Manager** and check if your devices are working properly with your Operating System (OS).

In general, as long as the device can be seen and working properly in the **Device Manager** (this applies to all Windows versions), DVD DiscRecorder will be able to detect it and work with it.

Also make sure that a DVD burner is properly connected and configured and that you have the appropriate DVD-RW or DVD-RAM media for recording.

Running DVD DiscRecorder

Use the DVD MovieFactory launcher and select a task (when it is associated with DVD DiscRecorder), or run DVD DiscRecorder from the Start menu or program folder. Here, you can create a new video project (**Create Disc**), edit a disc (**Edit Disc**), or insert and burn videos directly on a disc (**Straight Capture to Disc**).

Important terms to know

Commonly used terminologies in the DVD-VR world are listed here to help you better understand the DVD-VR technology and make the most of DVD DiscRecorder.

- **Program** A video clip recorded by a set-top DVD recorder, captured from a video source, or imported from a DVD video folder. A program can also be an existing video file.
- **Playlist** A pre-defined sequence of video playback. The sequence consists of one or more programs or entry points. Though playlists are not a must on a DVD-VR disc, creating playlists are strongly recommended if you want to watch specific scenes immediately or watch videos in the order you want.

- **Entry point (cell)** A customized starting point of video playback for a program or playlist. A program or playlist can include multiple entry points. In DVD DiscRecorder, an entry point is defined by the mark-in function and the entire playback duration is defined from the mark-in point to the mark-out point.

Preferences

The Preferences dialog box lets you determine most of the program settings. To open the Preferences dialog box, click **Settings and options** and select **Preferences** or press [F6].

General

- **Resume all confirmation dialog boxes** Overrides the “Do not show again” option and makes all confirmation dialog boxes appear.
- **Check Ulead Web site every XX days** Specifies how frequently the program checks the Ulead Web site for news and updates.
- **TV system** Select the type of your TV system (NTSC or PAL/ SECAM).
- **Working folder** Enter or locate a folder for temporary files.
- **Still image playback time** Enter the playback duration (from 1 to 10 seconds) for each image in a slideshow.
- **Audio playback mode** Determines how the audio streams of the video are played.
- **Audio export mode** Determines how the audio streams of the video are exported.
- **Enable DRT-DM during playback** Allows support for DRT-DM (Distributed Real Time Defect Management) for DVD-RW discs, which marks bad sectors in order to prevent them from being written on and improves future writing reliability. This option is available depending on the DVD DiscRecorder version you purchase, and is enabled only when a DVD burner supports DRT-DM.

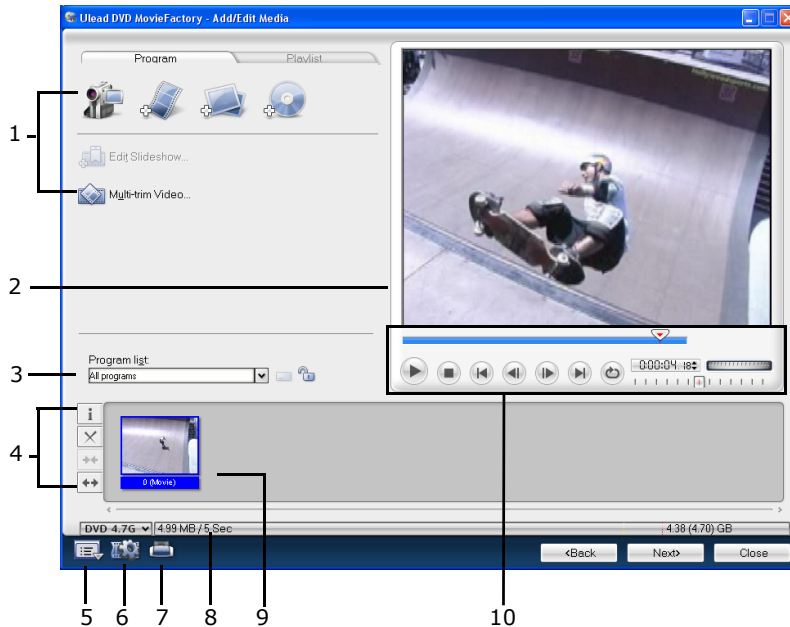
Capture

- **Click OK to start DV capture** Launches a confirmation message before performing the actual capturing process.
- **Stop tape once capturing stops** Automatically stops the connected capture device in your computer once the program stops capturing.
- **Captured image format** Select either JPEG or Bitmap format for the still image that you captured.
- **Image quality** Specifies the quality of the captured JPEG image.

Create Disc

DVD DiscRecorder gives you an easy way to add or edit programs by capturing videos, adding video files, and importing DVD videos into your DVD-VR disc project.

Introduction to the workspace



- | | |
|---------------------------|----------------------------|
| 1. Add/Edit media buttons | 6. Project settings |
| 2. Preview Window | 7. Print disc label |
| 3. Program list | 8. Disc space usage |
| 4. Edit and info | 9. Program video clip list |
| 5. Settings and options | 10. Navigation controls |

1 Add/Edit media buttons Use these buttons to add/edit videos.

2 Preview Window Use this to view your videos.

3 Program list Select a program (video clip) to display in the Program video clip list.


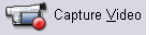
4 Edit and info Use these buttons to remove, join, or separate programs and entry points, or view program properties.

- 5 **Settings and options** Click to open a menu where you can customize the settings for playing back video, or viewing information about DVD DiscRecorder.
- 6 **Project settings** Click to view information about the project and customize its output settings.
- 7 **Print disc label** Click to create disc labels or covers.
- 8 **Disc space usage** Displays the total file size and video length to be used in the disc.
- 9 **Program video clip list** Shows the selected or all program thumbnails.
- 10 **Navigation controls** Use these buttons to preview your video clips.

Capturing videos

DVD DiscRecorder lets you capture videos from digital and analog sources.


To capture videos:

1. Click **Capture** .
2. Select the device to capture from **Source** (and **TV channel** if capturing from TV tuner.)
3. Select a capture mode and video format.
4. If capturing from a DV device, use the navigation controls to locate the starting point of the video to capture.
5. Click **Capture Video** .
6. Press **[Esc]** to stop. Repeat steps 2 to 6 as needed to capture more videos.
7. Click **OK**.

Adding video files

You can add video files of different formats such as **AVI**, **MPEG**, **WMV**, and others to your movie.



To add a video file to your project:

1. Click **Add Video**  to select video file(s). Use **[Ctrl]** or **[Shift]** to select multiple files.
2. Click **Open**.


Adding and editing slideshows

Aside from video files, DVD DiscRecorder lets you add photo slideshows to your video projects. The slideshows contain still images and can include transition effects, text, music, and voice annotations.

To create a slideshow:

1. On the **Program** tab, click **Add Slideshow** .
2. Locate the folder that contains your image files and select those that you want to include in the slideshow. Use [Ctrl] or [Shift] to select multiple images (maximum 64 images in a slideshow).
3. Click **Add Photo**. Repeat steps 2 and 3 to add more images.
4. Add a slideshow title, background music, and transition effect as needed. Click **Preview**  to see the result.
5. Click **OK** after you have finished.


To edit your slideshow:

1. On the **Program** tab, select a slideshow from the Program video clip list and click **Edit Slideshow** .
2. Modify the selected slideshow in the **Edit Slideshow** dialog box. For example, you can add images, slideshow titles, transition effects, and background music.
3. Click **OK** after you have finished.

Importing DVD video




You can also import DVD videos (non-copyrighted videos only) into your movie.

To import DVD video:

1. Click **Import DVD Video** .
2. Locate the folder that contains the video files. Specifically, find the **VIDEO_TS** folder on a disc (DVD+R/RW or DVD-R/RW) or hard drive, or the **DVD_RTAV** folder for DVD-VR files on a disc (DVD-RW or DVD-RAM) or hard drive.
3. Tick to select the video clip, and then click **Import**.

Editing programs



DVD DiscRecorder lets you edit your programs in the Program video clip list.

- To combine programs, use **[Ctrl]** or **[Shift]** to select multiple programs and click .
- To divide a program into different parts, select the program, move the jog bar to the position where it is to be separated, and click .
- To delete programs, select it or use **[Ctrl]** or **[Shift]** to select multiple programs and click .



Editing a program with Multi-trim Video

Multi-trim Video lets you select multiple segments from a video and extract these segments to the Program video clip list.

To use Multi-trim Video:



1. Select the video to be trimmed in Program video clip list in the Program tab, or the **Program list** in the Playlist tab.
2. Click  **Multi-trim Video...** to open the **Multi-trim Video** dialog box.
3. Drag the **Jog Bar** to locate the start of the segment to retain/delete, and then click **Mark-in** or press **[F3]**.
4. Drag the Jog Bar to locate the end of the segment to retain/delete, and then click **Mark-out** or press **[F4]**. The extracted segment will be added to the Program video clip list.
5. To select more segments, repeat steps 3 and 4.
6. To remove any extracted segment from the list, select it in the Program video clip list and click **Remove selected clips** .
7. To preview all extracted clips, click **Play**.
8. Click **OK**.

Tips:

- To move the Jog Bar at a fixed interval, use  or . Set the time interval at **Quick search interval**.
- Click **Invert Selection** to select or deselect selected video segments.

Note: On the Program tab, applying Multi-trim Video will replace the original program with the trimmed video (program).




Protecting programs

To ensure that video clips (programs) will not be changed or removed, you can click the lock icon next to the **Program list** to switch between protected  and unprotected  modes. When a program is protected, only playback is allowed.



Playlist

With playlists, you can watch specific video sections in a desired playback sequence. This is done by creating a series of video scenarios (entry points) retrieved from DVD-VR program video clips. DVD DiscRecorder lets you create and edit playlists from your DVD-VR disc.

To add or edit a playlist:

1. Click the **Playlist** tab.
2. Select a playlist to edit or click **Add playlist**  to create a new one. To delete a playlist, select it from the list then click **Remove playlist** .
3. From the **Program list**, select a program and use the **Jog Bar** and the mark-in/mark-out buttons, or click **Multi-trim Video** to locate the portions to include in the playlist playback (for more details, see **Editing a program with Multi-trim Video**). Then, click . (You can also drag and drop programs to a playlist.


Note: On the Playlist tab, applying Multi-trim Video will add a new program entry point.

4. To add more playlists or programs, repeat steps 2 and 3.
5. You can use [**Ctrl**] or [**Shift**] to select multiple programs from Program list and drag them to the Playlist entry point list. Use edit buttons to join  or separate  entry points as needed.


Setting the name for a program, playlist, or entry point

You can assign names to programs, playlists, and entry points in order to easily identify them.

To set a program name:

1. On the **Program** tab, select a program from the **Program list**.
2. Click **Set program name**  .
3. Enter the name, and then click **OK**. The new name is shown in the Program list.

To set a playlist name:

1. On the **Playlist** tab, select a playlist from **All playlists**.
2. Click **Set playlist name**  .
3. Enter the name, and then click **OK**. The new name is shown in All playlists.

To set an entry point name:

1. On the **Program** or the **Playlist** tab, right-click a video thumbnail and select **Set Entry Point Name**.
2. Enter the name, and then click **OK**. The new name is shown at the bottom of the thumbnail.

Exporting video or image files

DVD DiscRecorder lets you easily export your video clips in a program or playlist into other video formats (AVI, MPEG, WMV, etc.). To speed up the workflow, you can also create templates for video settings that you frequently use. As for a slideshow without transition effects and background music, you can export the slideshow to separate bitmap image files.

Note: You can decide which audio channels to export by adjusting the audio export mode on the **General** tab of the **Preferences** dialog box.

To export video files:

1. Select the video clip you want to export from the **Program video clip list**.
2. Right-click the video clip. Select **Export Video**.
3. Select a file type (and the following settings if needed).

- To use a template, click **Template** and select the one to be used. Select **Add Template** to create a new template using the current video settings. Select **Delete Template** to delete templates.
 - To change the video settings, click **Options** to open the **Video Save Options** dialog box. Click **OK** when finished.
4. Select the folder to save the file and enter the file name.
 5. Click **Save**.

Burning your disc

After creating the contents of your DVD-VR disc, click **Next** to move to the **Preview and Finish** page. You are now ready to burn it onto a disc. (For information on Certify Disc and Format Disc, see [Edit Disc](#).)


To burn your disc:

1. Choose a video from **Select a video to preview** and use navigation controls to preview your movie.
2. Click **Burning Options** and specify the following settings:
 - **Label** The disc label name as seen in Windows Explorer.
 - **Disc name** The disc name as seen in set-top DVD recorder.
 - **Disc burner** The burning device that contains the disc.
3. Click **Burn** to begin the burning process.

Edit Disc

Edit Disc lets you modify the existing DVD-VR content on a DVD-RW or DVD-RAM disc. You can also format, protect, or certify a disc (also available on the **Preview and Finish** page).

Formatting a disc

A DVD-VR disc must be formatted using the UDF (Universal Disc Format) 2.0 format for rewritable discs. To format a disc, click  **Format Disc** and then click **OK** to start.

Note: Format Disc is also available on the Straight to Disc page.

Protecting a disc

To ensure that all the existing DVD-VR content on a disc cannot be changed or removed, you can click **Protect Disc** to toggle between protected and unprotected modes. When a disc is protected, only playback is allowed.

Certifying a disc

For a UDF 2.0 formatted DVD-RW disc, you can apply disc certification to scan the disc and check if there is any problem. The certification process marks bad sectors to improve future writing reliability. On DVD-RW burners that support DRT-DM (Distributed Real-Time Defect Management), the certification process also moves the data in the recoverable defected sectors (DRT-DM Level-1 and Level-2 defects, if any) to healthy sectors to further improve data reliability.


To certify a disc, click  and then click **Start**.

Straight Capture to Disc

DVD DiscRecorder provides a fast way to capture videos and then burn them directly onto a disc in the DVD-VR file format. When this task is selected, DVD DiscRecorder will initially check both your burner and disc to ensure that there are no problems with your output device and media.

To capture videos directly onto a disc:

Make sure your video source is switched on and properly connected to your computer.

1. Insert a disc into the burner. Then click **Straight Capture to Disc** and click **Next**.
2. Select the device to capture from **Source**.
3. Select a capture mode (for example, select fixed duration, marked duration, or full DV tape if capturing from DV camcorder) and TV channel (if capturing from a TV tuner). Click **Show/Hide Options Panel**  to view additional settings as needed.
4. Select the capture format.
5. Click **Burning Options** to set the volume name and disc burner to use.
6. Locate the starting point of your video to capture, and click **Start capture**. Click **Pause capture** to pause the capturing process. Click **Stop capture** to end the capturing process.

Index

A

- Add/Edit media buttons 7
- Adding video files 8

B

- Burning your disc 13

C

- Capturing videos 8
- Certifying a disc 14
- Create Disc 7

D

- Disc space usage 8
- DRT-DM 6, 14

E

- Edit and info 7
- Edit Disc 13
- Editing a program with Multi-trim Video 10
- Editing programs 10
- Entry point 6
- Exporting video or image files 12

F

- Formatting a disc 13

H

- Hardware checkup and configuration 5

I

- Importing DVD video 9
- Introduction to the workspace 7

P

- Playlist 5, 11
- Preferences 6
- Print disc label 8
- Program 5
- Program list 7
- Program video clip list 8
- Project settings 8
- Protecting a disc 14
- Protecting programs 11

R

- Running DVD DiskRecorder 5

S

- Setting names 12
- Settings and options 8
- Slideshows 9
- Straight Capture to Disc 14

T

- Terminologies 5