

honestech
VHS to DVD 3.0

User Guide



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1. Introduction

Video tapes can deteriorate over time. Deteriorated videos will have color bleed, white specks, and other distortions. Don't let this happen to your precious memories, and archive your videotape collection onto DVD/CD. *honestech* VHS to DVD 3.0 offers the fastest and easiest way to do just that.

- Capture video from VCR, Digital Camcorder, PC camera, TV, DVD players and convert them into home DVD movies.
- All-in-one solution: provides everything you need to easily transfer your video onto VCD, SVCD, or DVD movies.
- Advanced scene editing tools: trim out unwanted scenes and add transition effects.
- Transition effects: many different screen effects and filters to create professional quality videos.
- Watch video on new gadgets: convert captured video into PSP or iPod formats.

Video input: Capture Device (VCR, Digital Camcorder, TV, DVD Player, etc)

Video output: VCD, SVCD, DVD, Long DVD, AVI, WMV, MPEG-4 (PSP and iPod)

***honestech* VHS to DVD 3.0** is revolutionary software that provides users with a complete and fully featured program for easy and simple conversion of their videos onto VCD, SVCD or DVD movies. Now you can save all your old home videos and burn them to DVD to keep your precious memories alive forever. You can also convert captured video into MPEG-4 or WMV format and watch them on your PSP, iPod, or Windows-based PDA device.

***honestech* VHS to DVD 3.0** has three modes: 1) Easy Wizard Mode, 2) Advanced Mode, and 3) Audio Recorder. The Easy Wizard mode provides step-by-step pictorial instructions which assist the user through the process. The Advanced Mode simplifies capturing, editing and burning DVD/CD movies into a simple three-step process.

1. Capture: Capture your video from camcorder, VCR, or DVD player.
2. Edit: Trim unwanted scenes and add transition effects.
3. Burn: Burn your movie into DVD, VCD, or SVCD or convert the video into MPEG-4 or WMV format that you can watch on your PSP, iPod, or Windows-based PDA device.

The Audio Recorder records audio from your cassettes, LP records, and video tapes to MP3 files. Using the recorded MP3 files, you can create audio CDs.

Whether you're a novice or professional, *honestech* VHS to DVD 3.0 is your best choice for editing and producing home movies on VCD, SVCD or DVD. *honestech* VHS to DVD 3.0 provides everything you need to easily produce DVD movies. *honestech* VHS to DVD 3.0 auto-detects capture devices on your PC and captures video from a wide variety of devices: TV, PC Camera, DVD Player, VCRs, Camcorders, etc.

Whether you create Video CD, Super Video CD, DVD or mini-DVD, all of your home movies will play in a superb digital quality. Simply load the disc you have produced and play it on your home DVD player or PC. Sit back, relax and enjoy the show!

1.1. System Requirements

- TV/Video Capture Card or USB Video Capture Box
- USB 2.0 Host Controller/port
- Operating System:
 - Windows XP SP2
 - Windows Vista Ready
- Processor
 - Pentium IV 2.0GHz or equivalent.
- Composite cable
- DirectX: 9.0 or higher
- Memory: 256 MB or more
- Video Card: 16MB or more
- Other:
 - Windows Media Player 6.4 (or higher)
 - DVD Writer for DVD
 - CD Writer for VCD, SVCD

2. Overview of steps

honestech VHS to DVD 3.0 allows you to convert analog videotapes to CD or DVD. You can create VCD/DVDs of TV programs, movies or videos from your camcorder in real time. The Edit function enables you to make beautiful titles with transition effects and cut and paste features. The Burning function enables you to save your video clips as DVD or VCD so that you can play them later using the player. Now you can make your own VCD/DVDs using *honestech* VHS to DVD 3.0.

honestech VHS to DVD 3.0 has three modes: 1) Easy Wizard Mode, 2) Advanced Mode and 3) Audio Recorder.

- Easy Wizard Mode

This is a self-descriptive mode that is very easy to use. Follow the step-by-step guide to get started.

- Advanced Mode

This mode is designed to simplify the process of producing videos by making it into three simple steps.

- Step One – Capture

Capture video from your VCR, camcorder, or DVD player. Select appropriate format including DVD, VCD, or SVCD.

- Step Two – Edit

Trim out unwanted scenes from your videos and add transition effects to create professional quality videos.

- Step Three - Burn

Create DVD, VCD, or SVCD with the videos that you have captured and edited. You can also convert the video into MPEG-4 or WMV format to watch it on your PSP, iPod, or Windows-based PDA device.

- Audio Recorder

Record audio from cassettes, LP records, and video tapes to create MP3 files and audio CDs.

3. *honestech* VHS to DVD 3.0 Installation

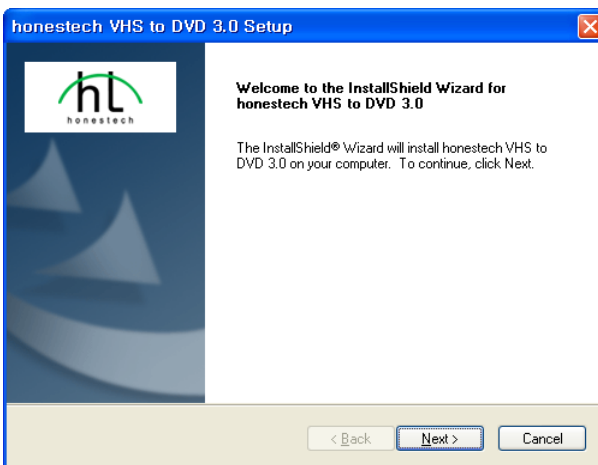
3.1. Installing *honestech* VHS to DVD 3.0

3.1.1. Insert the installation CD into your CD/DVD drive on your computer.

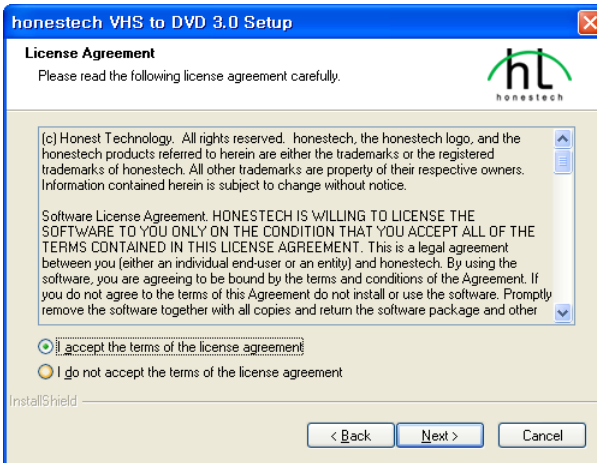
3.1.2. The installation process will start automatically.

Note: If the installation does NOT start automatically, double-click on “Setup.exe” file on the installation CD to begin the installation process.

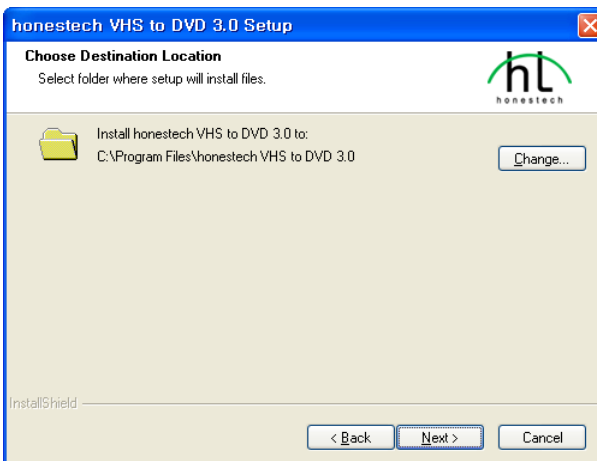
3.1.3. Click [**N**ext >] to continue the installation.



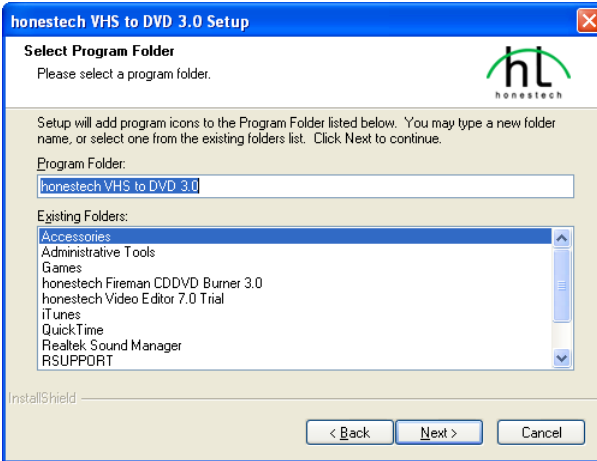
3.1.4. Read the License Agreement. Click **[Next >]** after accepting the License Agreement to continue with the installation.



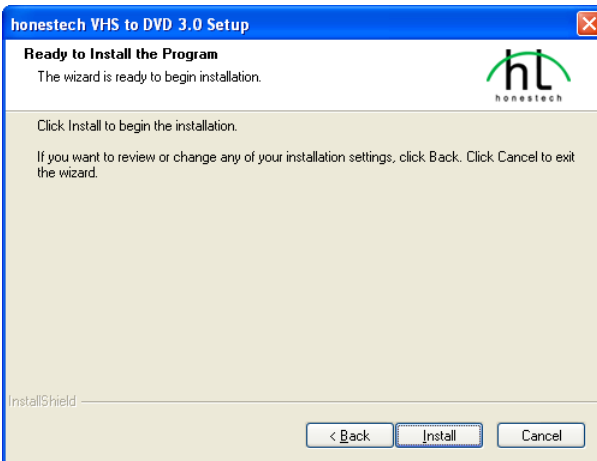
3.1.5. Click **[Change...]** if you want to install the software in a different folder. Click **[Next >]** to continue with the installation.



3.1.6. Accept the default program folder or create your own program folder by entering a new folder name. Then click **[Next >]** to continue with the installation.



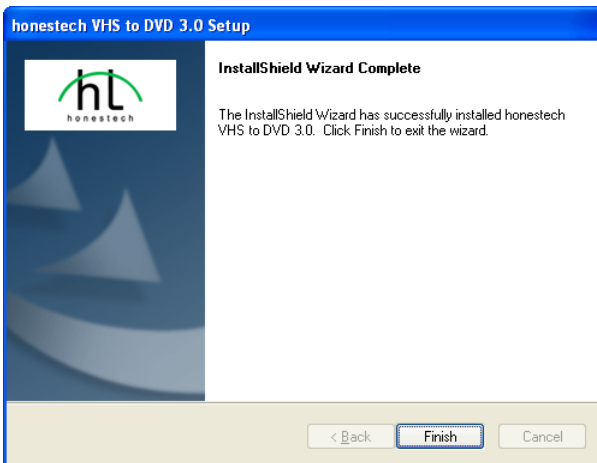
3.1.7. Click **[Install]** to start installing the software with the current setting. If you want to change the setting, click on **[< Back]** to go back to the previous screen.



3.1.8. Setup status screen will display the installation progress. Please wait for completion.



3.1.9. Click on **[Finish]** to complete the installation.

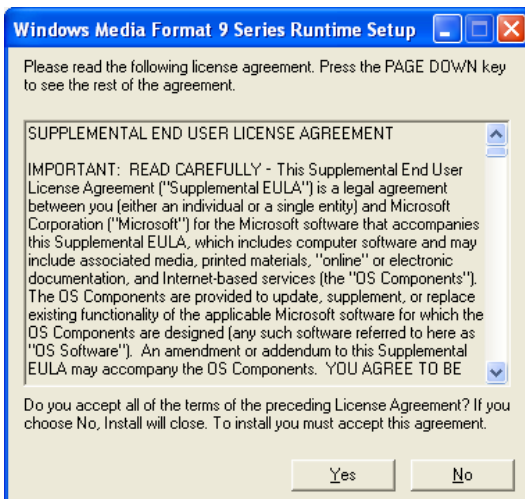


12. honestech

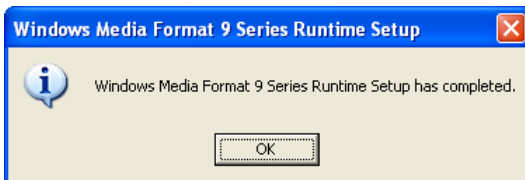
3.1.11. Windows Media Runtime Setup window will appear, click **[YES]** to continue.



3.1.12. Windows Media User License Agreement will appear, click **[YES]** to continue.



3.1.13. Files will automatically install and following setup completed window will appear. Click **[OK]** to finish Windows Media Runtime Setup.



4. Using *honestech* VHS to DVD 3.0

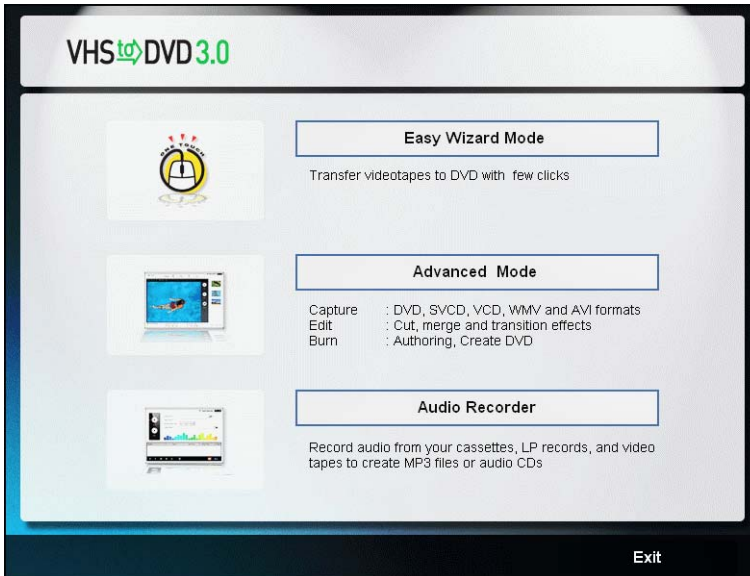
You can start *honestech VHS to DVD 3.0* by simply double-clicking on this icon.



Or you can start the program through the **Start** menu button by clicking

Start → **All Programs** → *honestech VHS to DVD 3.0* → *honestech VHS to DVD 3.0*

Following screen will be displayed when the program starts.



4.1. Easy Wizard Mode

You can start Easy Wizard Mode by clicking “Easy Wizard Mode” on the main screen.

4.1.1. Step 1. Insert a blank DVD disc



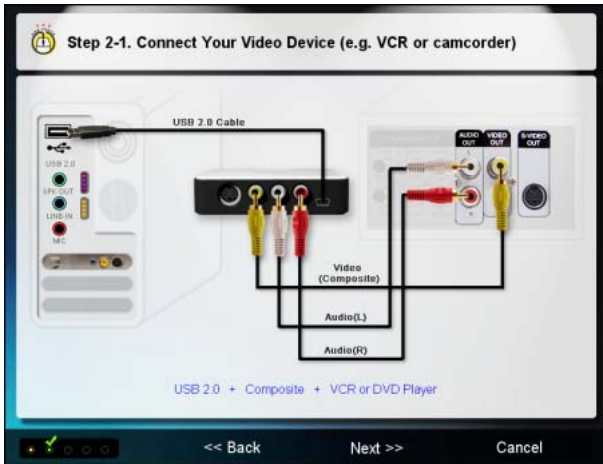
Insert a blank disc (DVD+R/RW / DVD-R/RW) into your DVD Writer.

4.1.2. Step 2. Select your video device (e.g. VCR or camcorder)

Please select your video capture device, connector, and video source device.



4.1.2.1 Step 2-1. Connect Video Device (e.g VCR or camcorder)



Connect your VCR or camcorder to Capture Device.

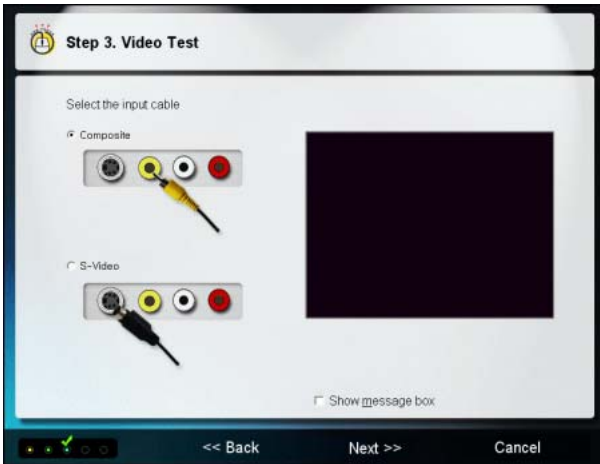
1. Connect the CAPTURE DEVICE to your computer.
2. Connect VCR or camcorder to the CAPTURE DEVICE.
3. Play your VCR or camcorder to test the setting (required).

4.1.2.2 Step 2-2. Select your capture device



Select your Video Device and Audio Device.

4.1.3. Step 3. Video Test

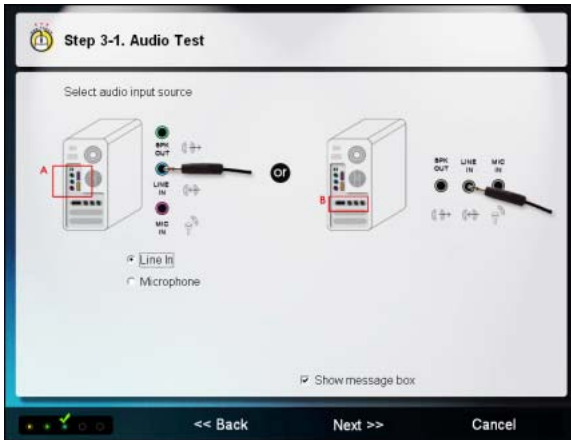


If you see the video move on to the next step. If you do not, please go back to the previous step and check your settings.

If the “**Show message box**” option is checked, the below confirmation message will be displayed to make sure that you have the correct setting. Click **[Yes]** to continue.



4.1.3.1 Step 3- 1. Audio Test



Please select your audio source, and click **PLAY** on your VCR/camcorder. If you do not hear any sound, please go back to the previous step and check your settings.

If the “**Show message box**” option is checked, the below confirmation message will be displayed to make sure that you have the correct setting. Click **[Yes]** to continue.



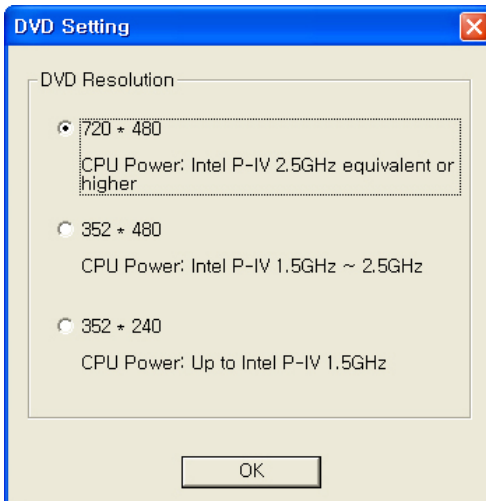
* Audio Testing will be bypassed if **USB Audio Device** is selected as your audio device.

4.1.4. Step 4. Record Setting

Select a recording time option.



: DVD Resolution



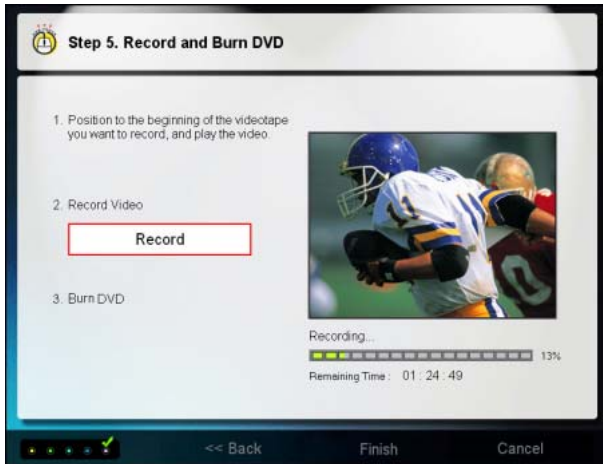
You can select the DVD resolution based on your CPU capability (352* 240(288) / 352* 480(576) / 720* 480(576)).

Note : Selecting higher than the recommended resolution setting may result in dropped frames which results in poor video quality.

4.1.5. Step 5. Record and Burn DVD

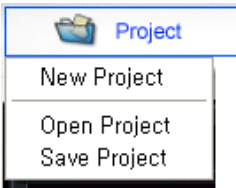
Video will be recorded and burned to DVD.

- Position the video source to the point where you want to record.
- Click **[Record]** to begin recording
- After the selected duration time, the DVD will automatically be created.



4.2. Advanced Mode

You can start the Advanced Mode by clicking “**Advanced Mode**” on the main screen.



Project options:

- New Project
- Open Project
- Save Project.

A new project will be created when you start **honestech VHS to DVD 3.0** for the first time. You may choose to save your current project before you exit the program so that you can continue working on the project at another time.



Button : Shows help file.



Button : Minimizes the program window.



Button : Exits the program.

4.2.1. STEP 1 – CAPTURE

1. Capture

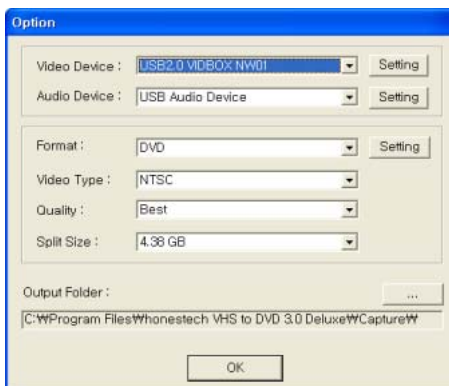
In this phase, you will capture your video. You must select properly format depending on the type of output you want.



4.2.1.1 Option Button



Select your input video device, audio device and the video output for mat.



4.2.1.1.1. Selecting Capture Device.

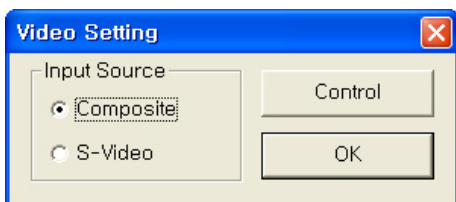


Using the drop-down menu shown above, you can select the video input device. honestech VHS to DVD 3.0 will detect and list all available video input devices.

- Video Device - Select the video device that you want to use from the list



- Video Device Settings - Select input cable type for the video device you selected.



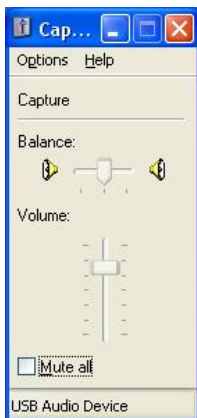
4.2.1.1.2. Selecting Audio Device.



- Audio Device - Select the audio device that you want to use (Select **USB Audio Device** if you are using **USB2.0 Capture Device**).



- Audio Device Settings – Configure the settings of the selected audio device and adjust the volume (if allowed).



4.2.1.1.3. Output Video format settings.

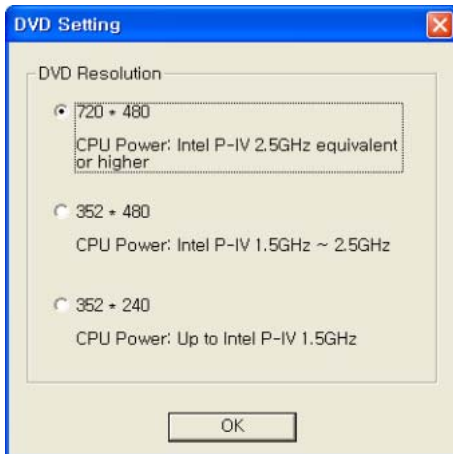
- Format :

Select the output file for mat from drop down menu.
(VCD / SVCD / DVD / LongDVD / AVI / WMV)

- Video Format Settings – Configure the settings of the selected video format.
- DVD, Long DVD

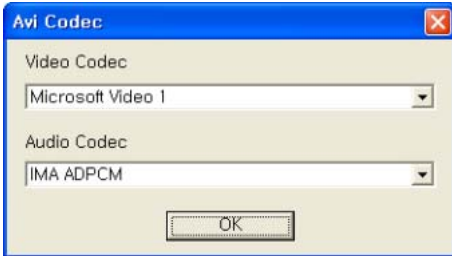
You can select the DVD/Long DVD Resolution (352*240(288) / 352*480(576) / 720*480(576)). Long DVD for mat will allow you to record longer video on your writable DVD than the normal DVD format, but it will result in slightly lower video quality

Note : Selecting higher than the recommended resolution setting may result in dropped frames and poor video quality.



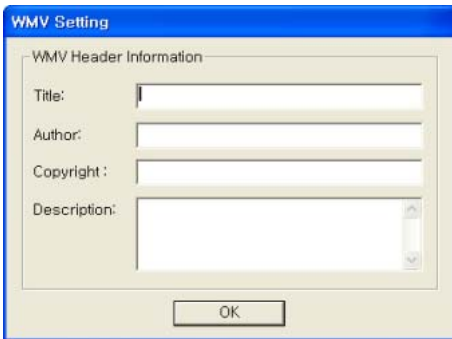
- AVI

You can select appropriate codec for video and audio compression. The number of available codec may differ depending on various programs installed on your computer. If you do not use any codec, the file size of the output video will be very large.



- WMV

Enter the Header Information on WMV files.



Select video type (NTSC / PAL; * Select NTSC for North America).



Adjust the quality of the output file (Best / Good / Normal / Average). The higher quality will result in bigger file size, and the lower quality will allow you to burn longer video on your CD/DVD.

Maximum recording time under each setting for DVD (This is an approximate calculation, and the result will vary depending on the video/audio type.)

- Best: 1 hour and 10 minutes
- Good: 1 hour and 30 minutes
- Normal: 1 hour and 50 minutes
- Average: 2 hours and 20 minutes

Split Size :

Split Size feature automatically splits the capture video file into two or more files if it would become too large to fit on a single DVD/CD. This is a great tool if you have many long videos that cannot fit on a single DVD/CD.

Output Folder :

Specify the location where the capture video will be saved.

- Record and Burn Record and Burn

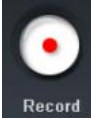
When checked, the recording will be made for the duration of time you set, and DVD/CD burning will start automatically afterward. This option makes the whole process automatic.




- Maximum Recording Time


This feature lets you know the maximum amount of video you can capture on your computer. The maximum recording time will depend on the output format and amount of hard drive space available. This is useful when you want to monitor and record activities at home while you are away for a short period of time (Few hours are ideal).

- Set Recording Time

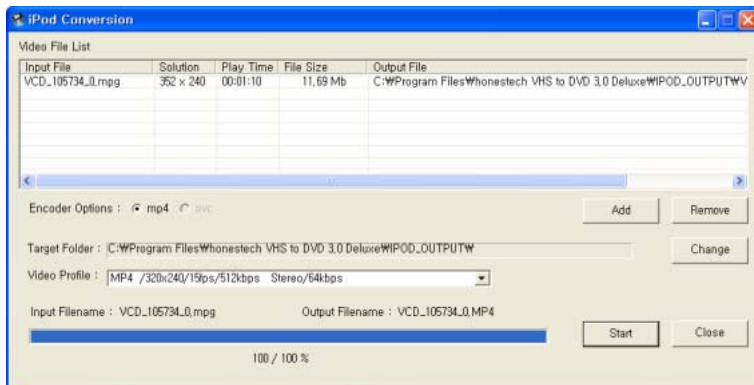
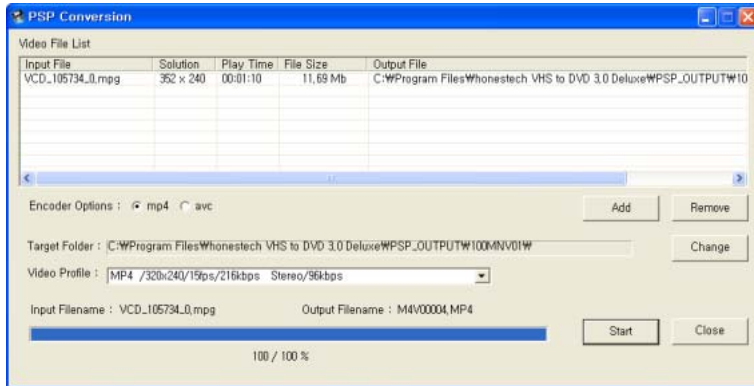
Set the duration of recording, and the recording will stop automatically after the duration you set. This is very useful if you know the length of the movie you are capturing. It is recommended that you always set the recording duration time to prevent the recording from continuing until it reaches the maximum recording time. You can always stop the recording manually before the recording duration time is reached.

-  Record Button
Click to start recording.

-  Stop Button
Click to stop the recording. The recorded video will be saved in the output folder.
-  Current State
Displays the recording status and the remaining time for the recording duration time or the maximum record time
-  Add, Delete Button
Add or delete selected video files.

-  iPod, PSP Button

Convert captured video into MPEG-4 format to watch it on your iPod or PSP.



* Video File List

Input File	Solution	Play Time	File Size	Output File
VCD_105734_0.mpg	352 x 240	00:01:10	11,69 Mb	C:\Program Files\Whonestech VHS to DVD 3.0 Deluxe\WPSP_OUTPUT\W10

- Displays information on the captured or imported video files.
- After the file has been converted, double-click on the file name to save the file.


*   Add/Remove Button

Add a file that you want to convert to PSP/iPod format, or remove a video from the Video File List.

* Encoder Options : mp4 avc Encoder Options

Select video format. (mp4: MPEG-4 Format, avc: H264 Format)

- * Target Folder - Specify a location where the converted video (iPod/PSP format) will be saved.

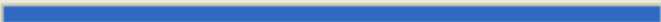
Target Folder : C:\Program Files\Whonestech VHS to DVD 3.0 Deluxe\WPSP_OUTPUT\W10\MNV01W 

- * Video Profile - Select video setting.

Video Profile :

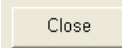
- * Current State - Displays the progress status on video conversion.

Input Filename : VCD_105734_0.mpg Output Filename : M4V00004.MP4



100 / 100 %

*  Start Button - Start video conversion.

 Close Button – Close and exit the program.

4.2.2. STEP 2 – EDIT

2. Edit

Once all your videos are captured, you can move on to the edit phase of *homestech* VHS to DVD 3.0



The above image is a screenshot of the Edit Window's Main Window. The Main Window consists of Player, Transition List, Storyboard panels and the File Pool.

1. Player Panel

This panel has buttons for Play/Pause, Stop, Previous Frame, Next Frame, Cut Clip Start Point, and Cut Clip Endpoint functions.

2. Transition List Panel

Transition allows you to add a video transition between the two clips, like a fade-in-fade-out effect.

3. Storyboard Panel

The Storyboard panel displays clips in thumbnail format in time order.






4. File Pool

The File Pool displays clips in thumbnail format that you have captured.

In the **EDIT** phase, you can trim out unwanted scenes from your recorded video or split one video clip into multiple clips. You can add transition effects between clips or merge multiple clips into one video clip.

4.2.2.1. Editing in Storyboard

Editing video clips (or removing unwanted scenes).

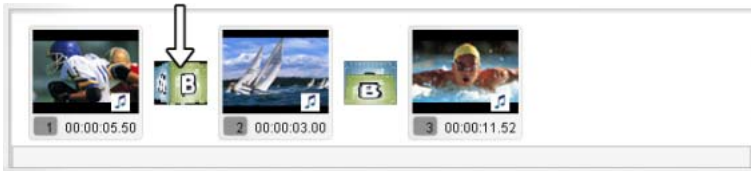
1. Play the video in the **Play Panel** (Double-click on the video clip to play).
 2. Position the scroll bar () to the beginning of the segment that you want keep. You can also play the video and click on **Start Edit Point** () button at the beginning of the section that you want to keep. **(THIS IS THE WRONG PIC)**
 3. Position the scroll bar () to the ending of the segment that you want to keep. You can also play the video and click on **End Edit Point** () button at the end of the segment that you want to keep. **(THIS IS THE WRONG PIC)**
 4. Click on **(SCISSORS PIC)** to cut the file clip. The selected segment will be placed in the Storyboard.
 5. Click Merge & Save () button to apply the changes and save the new file from the Storyboard.
- NOTE: When you edit a video clip and save, a new clip will be created. Your original file will remain unchanged.



Merge multiple video clips and add transition effects between scenes .

- Addin a transition effect :

1) Select a transition box (between two clips).

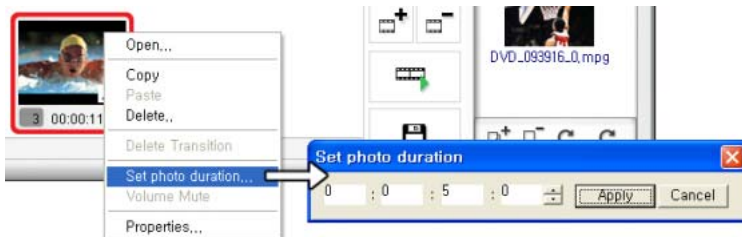


2) In the Transition Properties window, select a transiti on effect of your choice.



- To change the duration of an i mage clip :

- 1) Select an image clip.
- 2) Right-click on the selected image clip to display a popup menu.
- 3) From the popup menu, select "Set photo duration.."
- 4) A window opens in which you can adjust the i mage durati on time.



4.2.2.2. Transition Effects

Various types of transition effects can be added in between the scenes (clips).



- Adding Transition Effects

To add a transition effects:

- 1) Drag a transition effect of your choice to the transition box (between clips) in the Storyboard other to add the transition effect.
- 2) Once the transition has been added, the Transition Properties window will open to the right of the screen. Here you can set the direction, background color, and number of horizontal and vertical lines.



- Applying Transition Effects

When you click on a Transition Box (in between the clips) in the Storyboard, the Transition Properties window opens as shown below. In the Transition Properties window, you can set the direction and background color of the transition. You can also preview your changes.




[Transition Properties window]

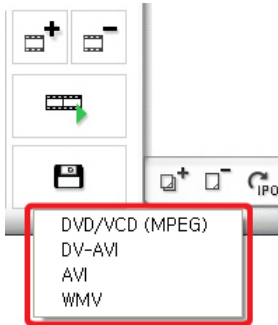
1. Preview Window : Provides immediate playback of the edited videos .
2. Direction : Set the direction of the transition.
3. Section Setup: You can adjust the section where the two clips overlap.



4.2.2.3. Merge and Save

This saves the contents edited in Storyboard into a file.

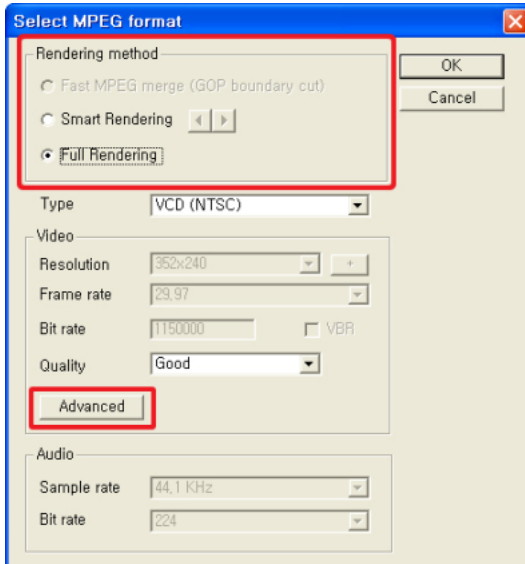
Click  button to merge the clips, apply the changes (editing), and save.



There are 4 output format options.

- DVD/VCD (MPEG) Format
- DV-AVI Format
- AVI For mat
- Window Media (WMV) Format

- Saving in DVD/VCD(MPEG) For mat



* Fast MPEG merge (GOP boundary cut)

1) Rendering Method : Fast MPEG merge

- All video clips must have identical MPEG formats.
- Makes inserting and deleting frames simple and fast.
- The output video format will match the original MPEG format.
- Customizing of video and audio settings is not possible; function property settings are made inactive.

2) Type : Displays MPEG format of file to be rendered.

3) Video


- Resolution: Video resolution (screen size).
- Frame Rate: Frames per second (fps).
- Bitrate: Number of data bits used per second (bps).

4) Audio

- Sampling Rate: Sampling Frequency (KHz).
- Bitrate: Number of data bits used per second (bps).

* Smart Rendering

1) Rendering Method : Smart Rendering

- Encode a portion or the whole video.
- Only the edited segments of the original video will be encoded.
- If the entire movie clip was edited, the entire movie will be re-rendered.
- When movie clips with different video formats are combined, the format of the output file will be set to match the format of the "base video file". Movie clips with formats that don't match the "base video file" will be re-rendered.
- Select the "base video file" using the  button.
- Although the video settings cannot be changed, the audio settings can be changed.

2) Type : Display MPEG type

3) Video

- Resolution: Video resolution (screen size).
- Frame Rate: Frames per second (fps).
- Bitrate: Number of data bits used per second (bps).

4) Audio

- Sampling Rate: Sampling Frequency (KHz).
- Bitrate: Number of data bits used per second (bps).

* Full Rendering

1) Rendering Method: Full Rendering

- Renders the entire movie. This rendering option will take longer than the other rendering options.

2) Type: Select MPEG type

- Supports MPEG-1 (VCD) and MPEG-2 (SVCD and DVD). Both NTSC and PAL standards are supported.

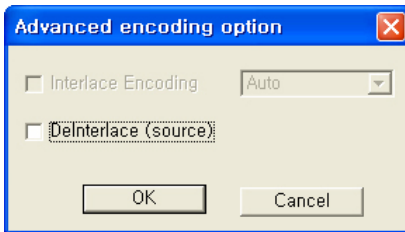
3) Video

- Resolution: Video resolution (screen size).
- Frame Rate: Frames per second (fps).
- Bitrate: Number of data bits used per second (bps).

4) Audio

- Sampling Rate: Sampling Frequency (KHz).
- Bitrate: Number of data bits used per second (bps).

* Advanced encoding option



1) Interlace encoding mode:

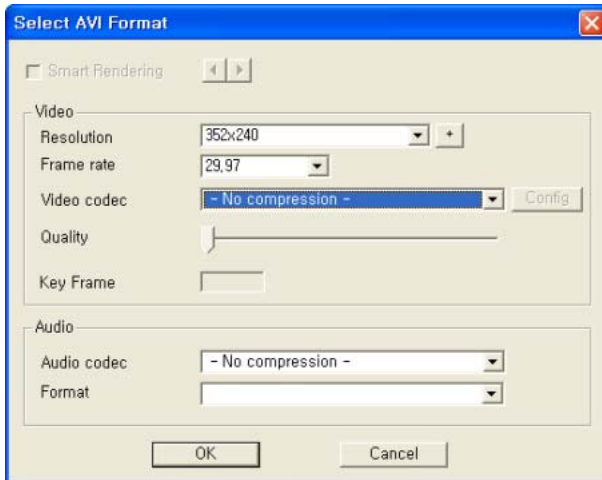
Encodes each frame by separating the field units into even numbered line fields and odd numbered line fields. You can improve screen quality using this option when horizontal lines appear in the input source screen. When the Interlace Encoding Mode is set, an MPEG file whose frame type is interlaced is created. This option is available only in MPEG2.

2) De-interlace:

Removes the horizontal lines on the screen entered in the frame unit before encoding. If you select the Interlace Encoding Mode above, you don't have to use this option. In addition, if you select De-interlace, you can obtain a good quality MPEG file without using the Interlace Encoding Mode.

Interlace Encoding Mode and De-Interlace are very effective when converting DV-AVI files created by Camcorders into MPEG files.


- Saving in AVI Format



* Smart Rendering

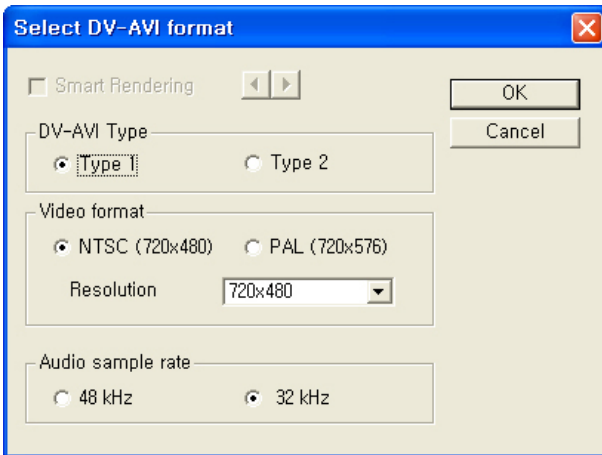
- Encode a portion or the whole video.
- Only the edited segments of the original video will be encoded.
- If the entire movie clip was edited, the entire movie will be re-rendered.
- When movie clips with different video formats are combined, the format of the output file will be set to match the format of the "base video file". Movie clips with formats that don't match the "base video file" will be re-rendered.

* Video (both NTSC and PAL supported)

- Resolution: Video screen size (Resolution: 160 x 120 – 720 x 576). Resolution settings are inactive when the Smart Rendering method is selected.
- Frame Rate (FPS): Set video frame rate (frames per second): range: 10 FPS - 30 FPS. This feature is inactive when Smart Rendering is selected.
- Video CODEC: Displays drop-down list of codec's registered on user's computer.
- Set video Properties of the selected video codec using the  button.

- * Audio
 - Sampling Rate : Audio Sampling Frequency(Sampling Frequency: 16000Hz ~ 48000Hz).
 - Audio CODEC: Displays the list of audio codec available on your computer.

- Saving in DV-AVI Format



- * Smart Rendering (honestech's intelligent method of encoding edited segments of an original streaming video)
 - Encode a portion or the whole video.
 - Only the edited segments of the original video will be encoded.
 - If the entire movie clip was edited, the entire movie will be re-rendered.
 - When movie clips with different video formats are combined, the format of the output file will be set to match the format of the "base video file". Movie clips with formats that don't match the "base video file" will be re-rendered.
 - Although the video settings cannot be changed, the audio settings can be changed.

- * DV-AVI Type
 - Type 1: Video file in Digital Video format.
 - 1) Native video format in digital camcorder.
 - 2) Video and audio are in the same stream.
 - 3) Requires a splitter to divide video and audio.

- Type 2: Video file in general AVI format.

- 1) Video is compressed in DV format.
- 2) Video and audio are in separate streams.
- 3) Must be converted back to type 1 to be transferred to a digital camcorder.

* Video resolution : Select NTSC or PAL.

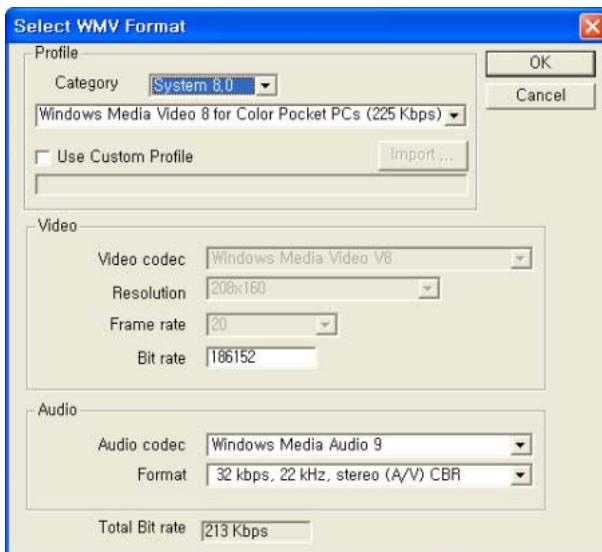
- NTSC: 720 x 480 resolution
- PAL: 720x 576 resolution

* Audio sample rate : Select audio frequency

- 32kHz
- 48kHz

• Saving Windows Media(WMV) File

- Select a CODEC from the Profile Index.
- Displays the CODEC's setting.



* Profile : The profile includes the audio and video codec, output video size, audio sample rate, bitrate, etc. You can select a video codec and an audio codec of your choice and create your own custom profile by using Profile Generator of Windows Media Encoder.

To output using your own custom profile,

- 1) Check [**Use Custom Profile**].
- 2) Click on [**Import**] button, and import your custom profile..
- 3) You can modify bitrate, audio codec, and audio format (however, this value cannot be saved in the imported profile.).
- 4) Click [**OK**] button to create an output in WMV format.

For more information of making a custom profile, please refer to the manual provided by Windows Media Encoder.

- Video: Supports both NTSC and PAL standards (NTSC is used in North America and PAL in Europe).
- Resolution: Video resolution (screen size).
- Frame Rate: Frames per second (fps).
- Bitrate: Number of data bits used per second (bps).

* Audio

- Sampling Rate: Sampling Frequency (KHz).
- Bitrate: Number of data bits used per second (bps).
- Stereo: Audio presentation type (Stereo or Mono)

Contact Microsoft(R) for more information on the settings and uses of Windows Media Format (Video/Audio CODEC). All rights to Microsoft CODECs belong to Microsoft(R).

4.2.3. STEP 3 –BURN

3. Burn

You can burn captured and edited video onto DVD/CD.



- Select output for mat



: Select your output format (DVD/Long DVD/VCD/SVCD/Data CD/Data DVD).

- Add or remove files



: Add (import) files.



: Remove files.

- Select background image



: List available background themes.



: List available background images.



: List available navigation buttons.

- Chapters



: Add chapters

- Page navigation



: Previous Page



: Next Page.

- Create menu page

Check this option to add a menu to the DVD.

- Disc management



: Displays the disc information.



: Erase the re-writable disc.

- Burn disc



: Start burning disc.

* Option

OPTION

Record to media Disk Name:

Drive: (dropdown)

Write Speed: (dropdown)

Create DVD folders (browse)

Make UDI (browse)

Temp Folder: (browse)

Required/Available HDD space
(C:) 924.7 MB / 44828.7 MB

Required/Available disk space 462.3 MB / 4482.6 MB

- Record to media

Disc name : Enter disc name

Drive : Select a DVD writer

Write Speed : Select disc writing speed.

- Create DVD folder

Create DVD video folder (VIDEO_TS) and select a folder where you want to save the DVD video folder.

- Create UDI

Select a folder where disc image file will be stored.

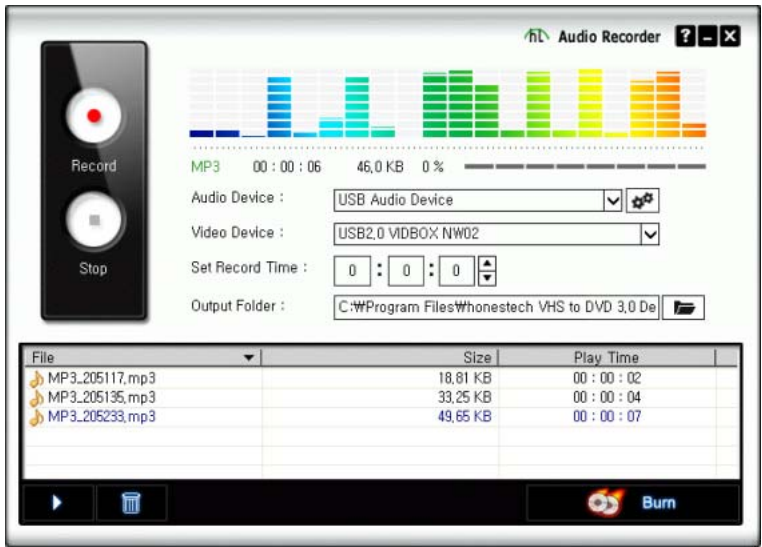
- Temp Folder

Select temp folder where the temporary files/folders will be stored.



4.3. Audio recorder

You can start audio recorder by clicking “Audio recorder”


Create MP3 files and audio CDs from LP records, cassettes, and video tapes .



Options :

- Audio Device :  

Audio Device : Select your audio device

- Video Device : 

Video Device : Select your video device.


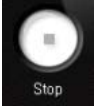


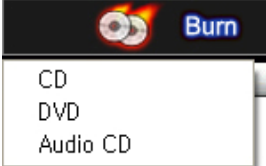
** This is REQUIRED only when you select "USB Audio Device" as your audio device. You must select USB2.0 Capture Device as your video device.

- Set Record Time : : :  

Set Record Time : Set recording duration.

- Output Folder : 

Output Folder : Recorded audio files will be stored in this folder.

-  REC : Start recording.
-  Stop : Stop the recording.
-  Play : Playsel ected audi o file.
-  Delete : Delete s elected files .
-  Burn

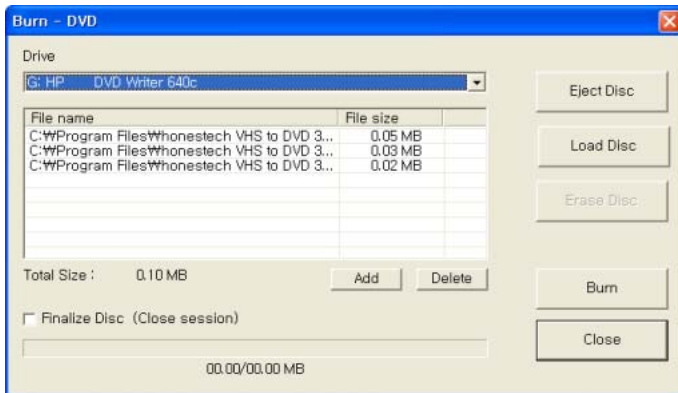
- CD : Create DATA CD.



1) Drive : Select your CD writer.

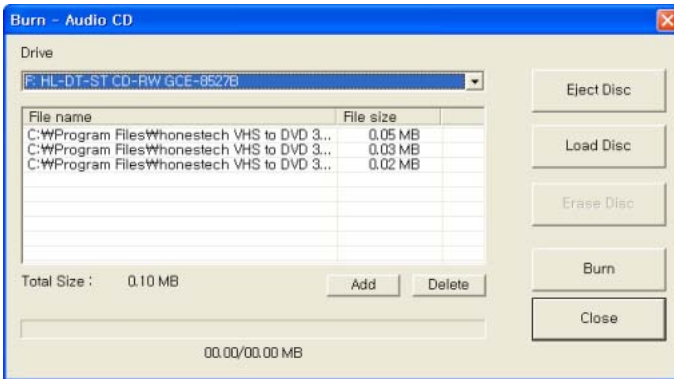
- 2) Eject Disc : Opens CD writer's tray; insert blank CD.
- 3) Load Disc : Closes the CD writer's tray.
- 4) Erase Disc : Erases CD if it's a re-writable disc.
- 5) Add : Add files to be burned. Only audio files can be added.
- 6) Delete : Remove selected files from the list.
- 7) Finalize Disc (Close session) : You cannot add additional data once it's finalized.
- 8) Burn : Burns data CD with the selected files.
- 9) Close : Exit Burn window.

- DVD : Create DATA DVD.






- 1) Drive : Select your DVD writer.
- 2) Eject Disc : Opens DVD writer's tray; insert blank DVD.
- 3) Load Disc : Closes the DVD writer's tray
- 4) Erase Disc : Erases DVD if it's a re-writable disc.
- 5) Add : Add files to be burned. Only audio files can be added.
- 6) Delete : Remove selected files from the list.
- 7) Finalize Disc (Close session) : You cannot add additional data once it's finalized.
- 8) Burn : Burns data DVD with the selected files.
- 9) Close : Exit **Burn** window.

- Audio CD : Create audio CD.



- 1) Drive : Select your CD writer.
- 2) Eject Disc : Opens CD writer tray; insert blank CD.
- 3) Load Disc : Closes the CD writer's tray.
- 4) Erase Disc : Erases CD if it's a re-writable disc.
- 5) Add : Add files to be burned. Only audio files can be added.
- 6) Delete : Remove selected files from the list.
- 7) Burn : Burns audio CD with the selected files.
- 8) Close : Exit **Burn** window.

-  Help : View Help files.
-  Minimize : Minimize the screen.
-  Exit : Exit the program.

5. OUTPUT SPECIFICATION

DVD (Digital Versatile Disk) Spec

NTSC

- Size: MPEG-2 720 X 480 pixels
- Video bitrate: Up to 9.8 Mbit/sec
- Frame rate: 29.97 frames/sec
- Audio: MPEG-1 Layer2

PAL

- Size: MPEG-2 720 X 576 pixels
- Video bitrate: Up to 9.8 Mbit/sec
- Frame rate: 25.00 frames/sec
- Audio: MPEG-1 Layer2

VCD (Video CD)

MPEG1 352 X 240 NTSC

- Size: MPEG-1 352 X 240 pixels
- Video bitrate: 1150 kbit/sec
- Frame rate: 29.97 frames/sec
- Audio: 224 kbit/sec MPEG-1 Layer2

MPEG1 352 X 288 PAL

- Size: MPEG-1 352 X 288 pixels
- Video bitrate: 1150 kbit/sec
- Frame rate: 25.00 frames/sec
- Audio: 224 kbit/sec MPEG-1 Layer2

SVCD (Super Video CD)

NTSC

- Size: MPEG-2 480 X 480 pixels
- Video bitrate: max 2524 kbit/sec MPEG-2 (if the audio is in 224 kbit/sec), audio + video max bitrate is 2748 kbit/sec.
- Frame rate: 29.97 frames/sec
- Audio: from 32 - 224 kbit/sec MPEG-1 Layer2

PAL

- Size: MPEG-2 480 X 576 pixels
- Video bitrate: max 2524 kbit/sec MPEG-2 (if the audio is in 224 kbit/sec), audio + video max bitrate is 2748 kbit/sec.
- Frame rate: 25.00 frames/sec
- Audio: from 32 - 224 kbit/sec MPEG-1 Layer2

Long DVD

NTSC

- Size : MPEG2 720 X 480 pixels
- Video bitrate : Up to 2.5 Mbit/sec
- Frame rate : 29.97 frames/sec
- Audio : MPEG-1 Layer2

PAL

- Size : MPEG2 720 X 576 pixels
- Video bitrate : Up to 2.5 Mbit/sec
- Frame rate : 25.00 frames/sec
- Audio : MPEG-1 Layer2

WMV

NTSC

- Size : Windows Media Video 9 352 X 240 pixels
- Video bitrate : 240 ~760 kbit/sec
- Frame rate : 29.97 frames/sec
- Audio : Windows Media Audio 9 (44.1Khz ,stereo)

PAL

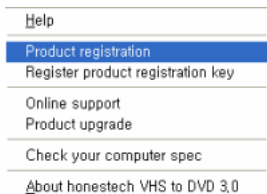
- Size : Windows Media Video 9 352 X 288 pixels
- Video bitrate : 240 ~760 kbit/sec
- Frame rate : 25.00 frames/sec
- Audio : Windows Media Audio 9 (44.1Khz ,stereo)

AVI

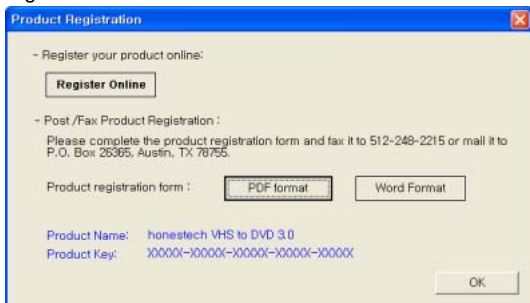
- The output will vary depending on the type of AVI Codec

6. Product Registration

1. Go to **Help** menu and click on **Product registration**

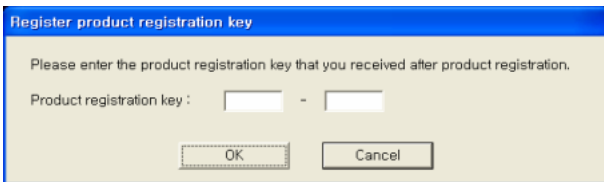


2. Click on [Register Online] to register your product. If you want to mail or fax us the product registration form, please click on **[PDF format]** or **[Word Format]** to download the product registration form.



3. After entering the product key, you will receive the product registration key. The product registration key will be displayed, and you will receive a confirmation email.

4. Go to **Help** menu and click on **Register product registration key**. Then enter your product registration key that you received.



5. After you complete the product registration:

- * You will receive the product registration key which is required to use the program. You will also receive various updates, patches and discount coupons. The information that you submit will be used strictly for customer support and will not be used to send unsolicited e-mail or sold to a third party.

7. Uninstall *honestech* VHS to DVD 3.0

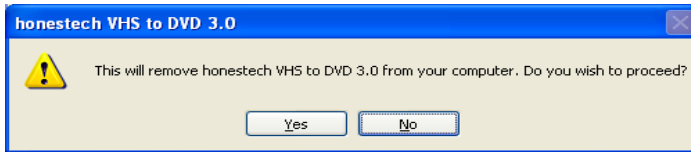
1. Find its program group

Start → All Programs → *honestech* VHS to DVD 3.0

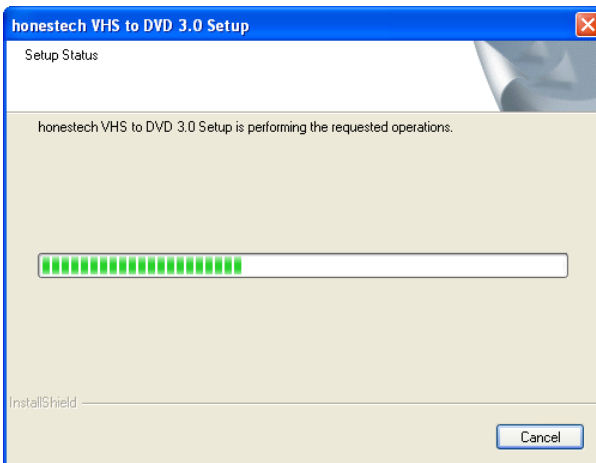


2. Select **Uninstall** *honestech* VHS to DVD 3.0

Please click [**Y**es] to uninstall.



3. Uninstalling progress.



4. Uninstall Completed

You will see a screen confirming a successful completion.

Please click **OK** to finish the process.

