

*honestech*  
**VHS to DVD 2.0**  
**Deluxe**

**User Guide**



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# 1. Introduction

The average shelf life of analogue videotape is approximately 7 years. After that, a video's picture deteriorates: colors bleed, snow and other picture anomalies appear, and the audio becomes distorted. Don't let this happen to your precious memories. Archive your videotape collection onto DVD/CD. *honestech* VHS to DVD 2.0 Deluxe 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.
- Auto file separations to make it easy to put it into different discs.
- Edit and trim captured video to remove unwanted sections of movie.
- Add transitions between clips and create sophisticated movies.
- Burn to disc in DVD, Long DVD, VCD, SVCD or mini-DVD format, and Data Burn.

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

**Video output:** VCD, SVCD, DVD, Long DVD, AVI

***honestech* VHS to DVD 2.0 Deluxe** is revolutionary software that provides users with a complete and fully featured program for easy and simple production of their videos into VCD, SVCD or DVD movies. Now you can save all your old home videos and burn them to crystal clear DVD to keep your precious memories alive forever with cleaner, crisper, sharper video and audio for superior DVD movies.

***honestech* VHS to DVD 2.0 Deluxe** have two modes, wizard mode and advanced mode. The Wizard mode is a self-descriptive mode and very easy to use for the novice user.

The Advanced mode focuses on making the process of authoring and burning DVD/CD movies into a simple three-step process.

1. Capture your video from your VCR, Digital Camcorder, DVD player, TV, etc
2. Edit and trim your captured video removing unwanted sections.
3. Burn the DVD/CD.

Whether you're a novice or professional, *honestech* VHS to DVD 2.0 Deluxe is your best choice for video editing and producing home movie VCD, SVCD or DVD. *honestech* VHS to DVD 2.0 Deluxe provides everything the user needs to easily produce their movies. With auto-detection of PC capture devices for simple capturing of video from a wide variety of devices. TV, PC Camera, DVD Player, VCRs, 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**

Processor: Intel Pentium IV 1.8GHz

Operating System: Windows 2000 / XP

DirectX 8.1 or above Required

Memory: 256 MB or more recommended

Video Card: 16MB or higher recommended

Sound Card

Capture Device Card for Video Capture (TV, VCR, DV Camcorder and Analog Camcorder)

\* DVD Writer for DVD movies

\*\* CD Writer for VCD, SVCD

## 2. Overview of steps

*honestech* VHS to DVD 2.0 Deluxe is a software that converts VHS videotapes to CD or DVD. You can make TV programs, movies or video clips that you shoot into VCD or DVD in real time using this product. The Edit function enables you to make beautiful titles with Effects, and Cut and Paste Clips. The Burning function enables you to save video clips as DVD or VCD so that you can play them later using the player. Now you can make your own VCD/DVDs with the movies, dramas and video clips that you shoot of your baby with *honestech* VHS to DVD 2.0 Deluxe .

*honestech* VHS to DVD 2.0 Deluxe has two modes, wizard mode and advanced mode

- **Wizard Mode**

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

- **Advanced Mode**

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

- Step One – Capture

Videos are captured from devices attached to your computer such as Camcorder, TV, VCR, DVD Player, etc. (May require TV Capture card)  
Different formats are available for capture. VCD, SVCD or DVD. The captured videos are stored in the folder you specify on your computer.

- Step Two – Edit

Videos can be edited to remove unwanted scenes such as commercials.  
Then transition effects can be added between scenes for more sophistication.  
Edited videos are saved separately from original for easy comparison.

- Step Three - Burn

Your captured and edited clips are compiled together to create your home movie. You can create multiple pages of screen menus and add / change titles to organize your movies.

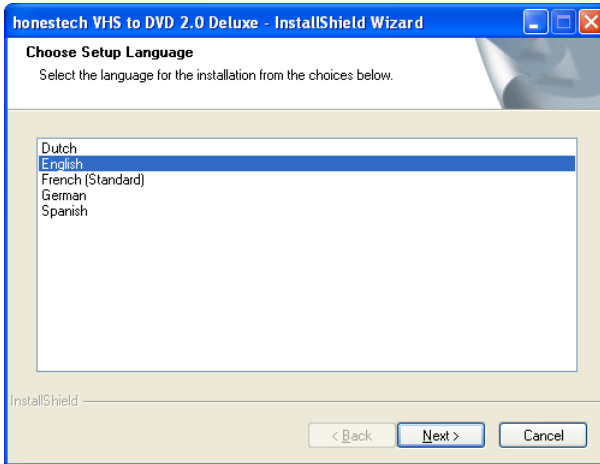
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### 3. *honestech* VHS to DVD 2.0 Deluxe Installation

#### 3.1. Install *honestech* VHS TO DVD 2.0 Deluxe

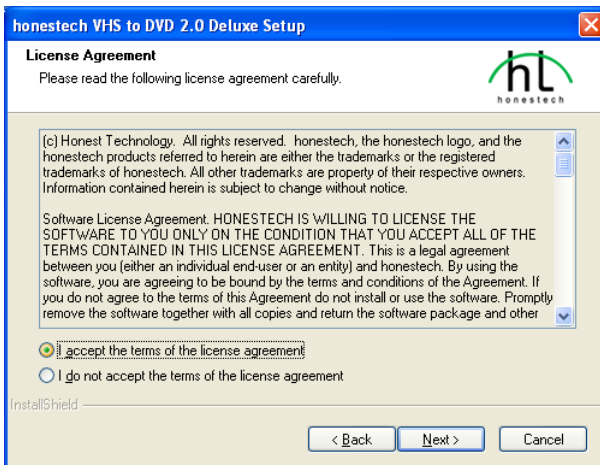
3.1.1. Insert the CD provided with the software package into your CD-ROM drive.

3.1.2. Setup process will automatically start. If it fails, execute “**Setup.exe**” file.

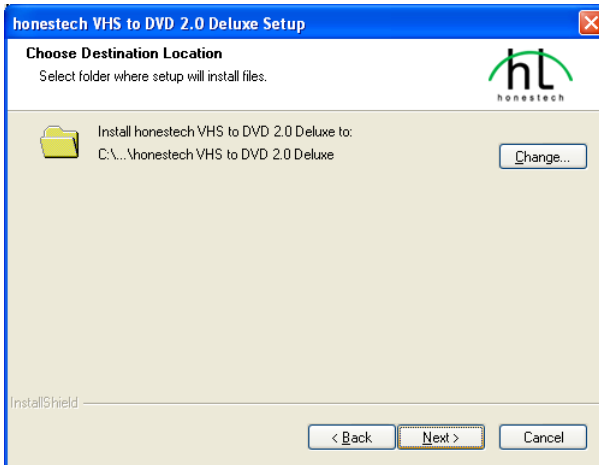


3.1.3. Select the language for the installation. Click **Next >** to continue.

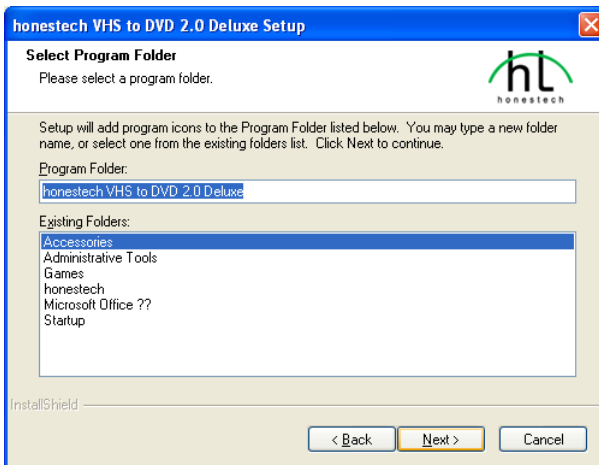
3.1.4. End-User License Agreement will appear as shown below. Read the agreement and when you accept, select **I Accept the terms of the License Agreement** then click **Next >** to continue.



3.1.5. Choose Destination Location screen will appear as shown below. Accept the default or change the installation location by clicking change. When ready to install **honestech VHS to DVD 2.0 Deluxe**, click **Next >** to continue.

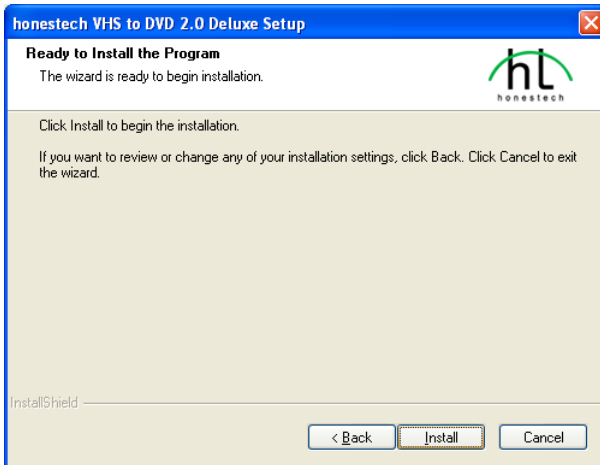


3.1.6. Select Program Folder screen will be displayed. Accept the default folder or choose your program folder then click **Next >** to continue.



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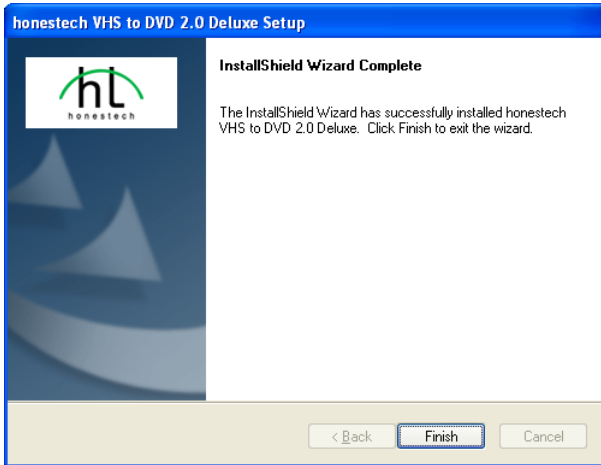
3.1.7. After you have selected the program folder, you are now ready to install **honestech VHS to DVD 2.0 Deluxe**, click **Install** to start the installation.



3.1.8. Setup status screen will appear as shown below. This step is automatically done.



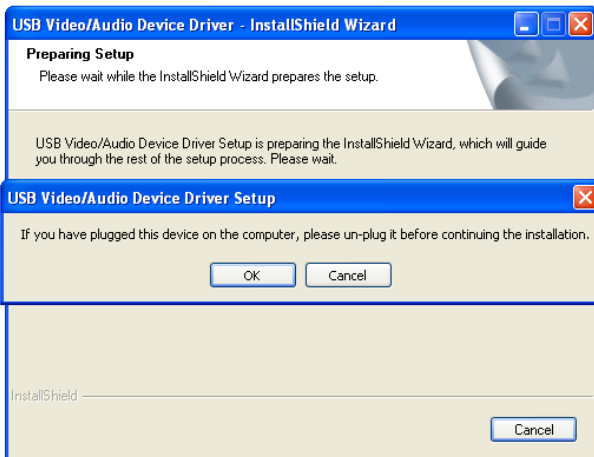
3.1.9. When the setup completes, click **Finish** from the following screen.



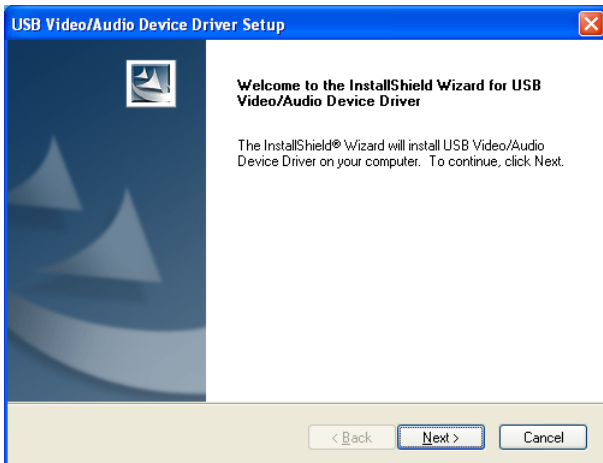
3.1.10 A capture device is included in this package. To use your capture device, you must first install the h/w device driver. Our installation program will install the h/w device driver continually. For the installation of capture device.

### 3.2. Install the h/w device driver of capture device

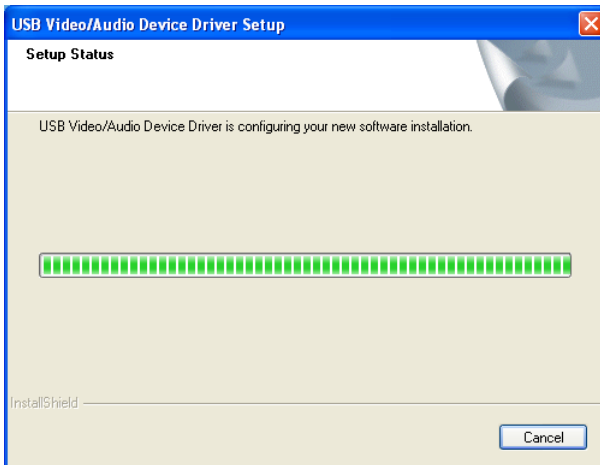
3.2.1. Please refer to the dialog below. As you can see from the dialog, if you already have connected your capture device to your computer, disconnect it now. Then click **OK** button to start installing the h/w device driver.



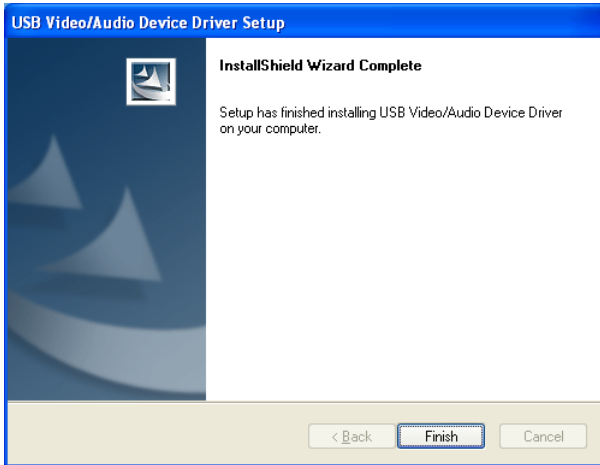
3.2.2. Welcome screen will appear. Click **Next >** to continue.



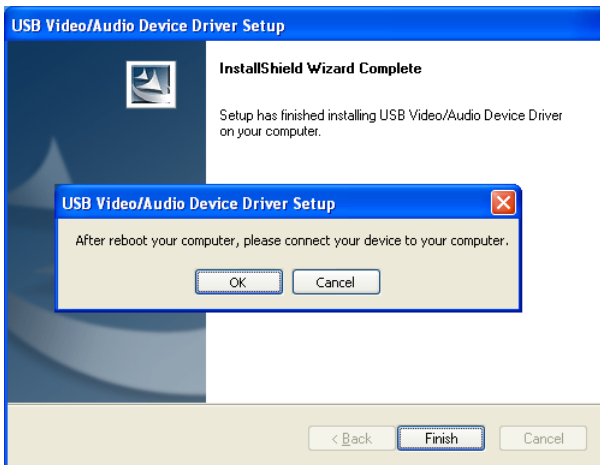
3.2.3. The necessary h/w device driver files will be copied.



3.2.4. The necessary h/w device driver files were copied. Please click on **Finish** button to continue.



3.2.5. Now h/w device driver installation is completed. For more stable working of the new capture device, please restart your computer now.



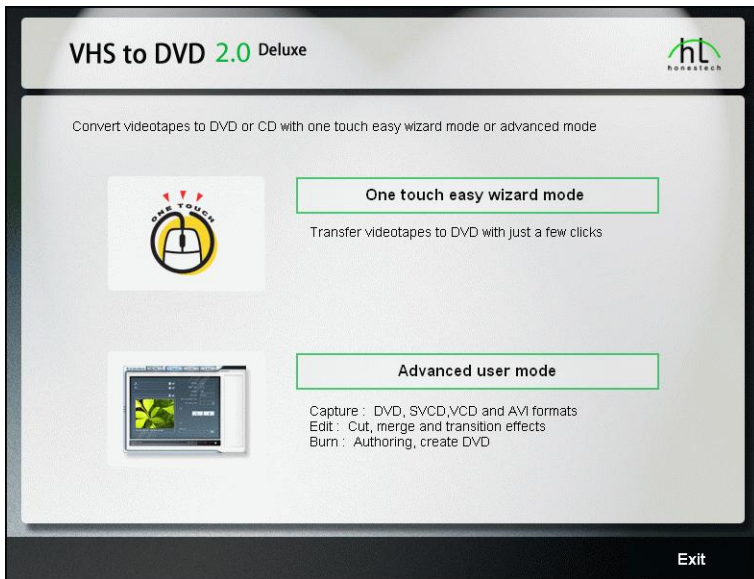
## 4. Using *honestech* VHS to DVD 2.0 Deluxe

You can start *honestech VHS to DVD 2.0 Deluxe* by simply double clicking this  
Or you may start the program through Start menu button by clicking



**Start / Programs / *honestech* VHS to DVD 2.0 Deluxe / *honestech* VHS to DVD 2.0 Deluxe**

Following screen will be displayed when the program starts.



## 4.1. Wizard Mode

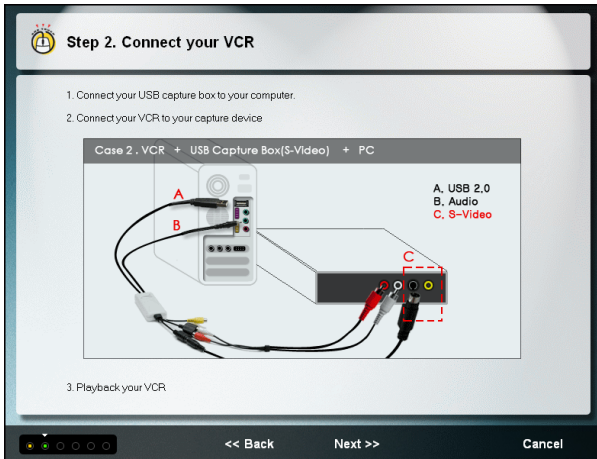
You can start wizard mode by clicking “One touch easy wizard mode”

### 1. Step 1 . Insert media



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

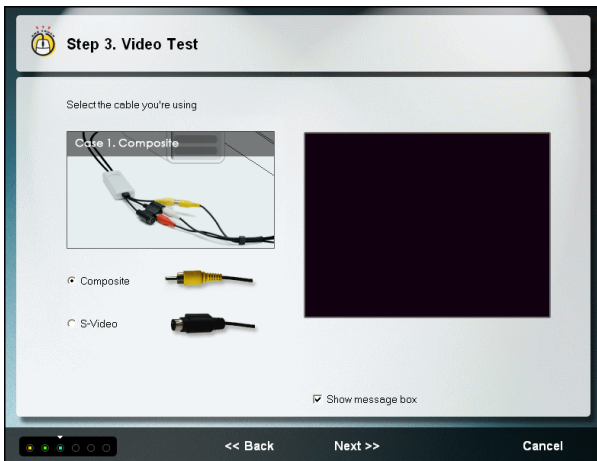
### 2. Step 2. Connect VCR



Connect your VCR to your capture card.

- If you do not install your capture card into your PC, you have to install before continuing.
- Connect VCR to your capture card
- Playback your VCR to check for video stream. (Required)

### 3. Step 3. Video Test



Test your video by selecting cables.

After selecting the appropriate cable, the small screen on the right should display.

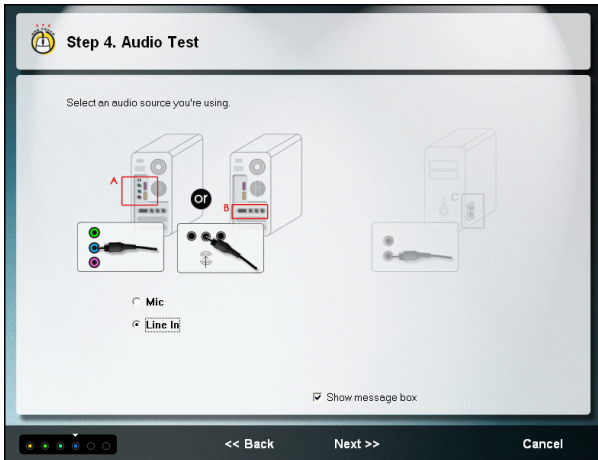
If nothing appears, Step 2 refer to



If you check **“Show message box”**, the screen below will appear after you click **NEXT**

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#### 4. Audio Test

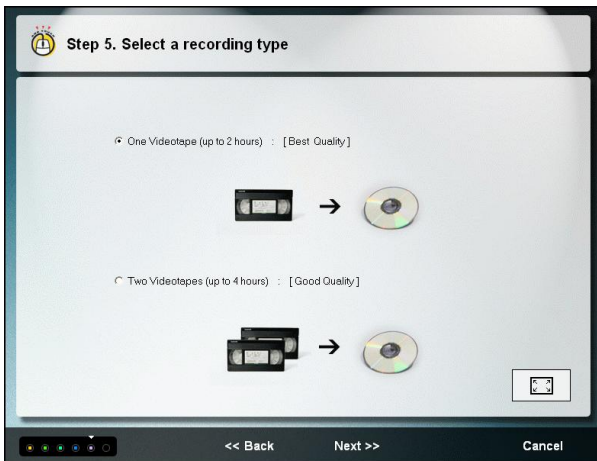


Test your audio by selecting audio sources.  
After selecting the appropriate audio source, sounds will play.  
If you can not hear anything refer to Step 2 again.

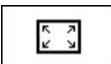


If you check "Show message box", the screen below will appear after you click **Next**.

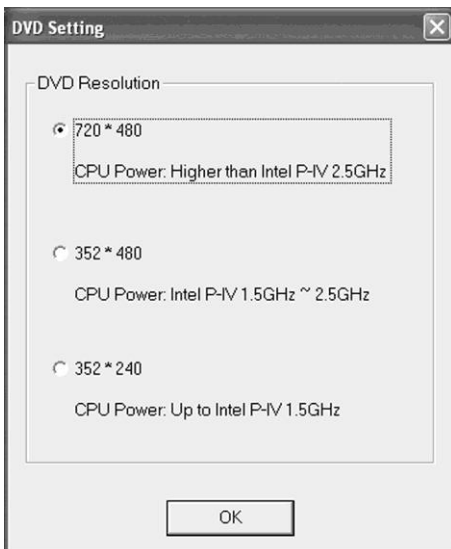
## 5. Step 5. Select a recording type



There are two recording type. One videotape and Two videotapes.  
 One videotape ables you to save up to 2 hours into one DVD disk.(Best Quality)  
 Two videotapes ables you to save to save up to 4 hours into one DVD disk.(Good Quality)



: DVD Resolution



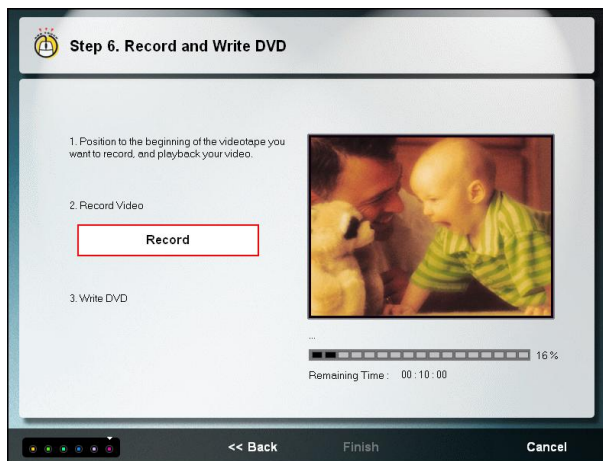
You can select a DVD Resolution  
 (352\*240(288) / 352\*480(576) / 720\*480(576)).

*Note : If your CPU power is Intel P-IV 1.5 GHz ~ 2.5 GHz, you have to select '352\*480' or '352\*240', otherwise the output DVD will drop the frame or have noise.*

## 6. Step 6. Record and Write DVD

You can record and write DVD

- Position to the beginning the videotape the you want to record and playback your video
- Record video
- Write DVD



## 4.2. Advanced mode

You can start advanced mode by clicking “**Advanced user mode**”



File Button offers three menus.

- New Project
- Open Project
- Save Project.

New project is started when you start **honestech VHS to DVD 2.0 Deluxe** for the first time. You can choose to save your project you were working on, so you can continue later without having to start all over again. Your project can be saved anytime during your project work phase.



Button: Accesses the company homepage



Button: Minimizes the program.



Button: Exits the program.



Button: Shows help.

### 4.2.1. STEP 1 – CAPTURE

## 1. Capture

This is the very first phase of the video editing. **honestech VHS to DVD 2.0 Deluxe** must capture all the videos that require editing. This ensures proper video format and resolutions used for the movie output.




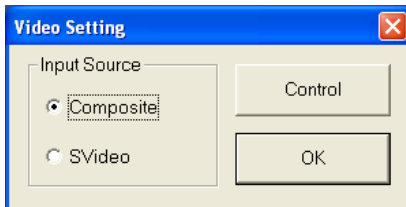
#### 4.2.1.1. Selecting Capture Device



Using the drop down menu shown above, you can select the input source for your video.


**honestech VHS to DVD 2.0 Deluxe** auto-detects video input devices and list them here. All your attached capture device will be listed.

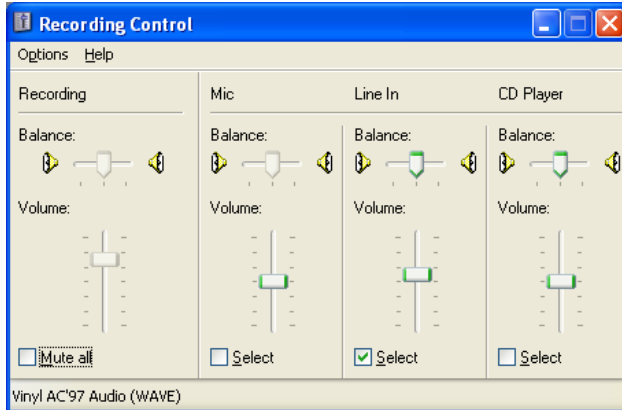
- Video Device – Select the video device currently installed from the list in the drop down menu.
-  Set Video Device – Change the TV Tuner setting, input source and settings of the device selected.



## 4.2.1.2. Selecting Audio Device



- Audio Device – Select the audio device currently installed.
-  Set Audio Device – Select the input source of the device selected.



### 4.2.1.3. Output Video format settings

- 

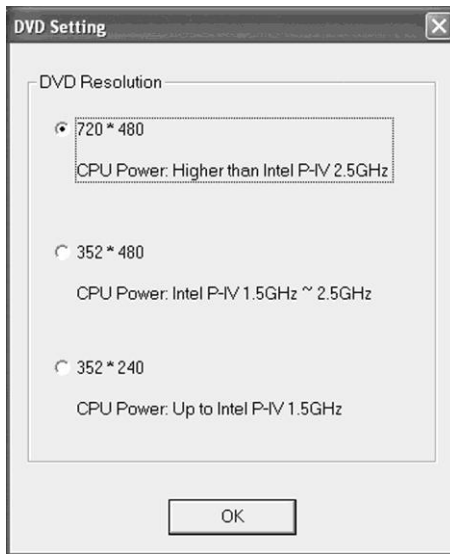
Select the output file format from drop down menu. (VCD / SVCD / DVD / LongDVD / AVI)

- 

Select the type of output file. (NTSC / PAL)

- 

Adjust the quality of the output file. (Best / Good / Normal / Average)



You can select a DVD Resolution (352\*240(288) / 352\*480(576) / 720\*480(576)).

*Note : If your CPU power is Intel P-IV 1.5GHz ~ 2.5 GHz, you have to select '352\*480' or '352\*240', otherwise the output DVD will drop the frame or have noise.*

- 

Split size takes the guess work out by automatically splitting the file size of capture video according to the format and disc capacity you will be using to burn your movie. The output files are separated according to the capacity of the disk to be burned (CD/DVD).

- **Maximum recording time :**



The maximum recording time will be determined depending on the output format and amount of hard drive space you have available. Files cannot be created which exceed this time. This is ideal if you want to monitor and record activities at home while you are away for short time. (Few hours are ideal)

- **Recording duration time :**

Set the recording duration time you want. This is very handy when you know the duration of the movie you are capturing. You don't have to monitor the capture process, just set the recording duration and *honestech* VHS to DVD 2.0 Deluxe will stop once this time expires. It is always a good idea to set record duration time. If not set, recording will continue up to the maximum recording time.

- **Commercial Cutting**

This function is to cut the scene that you do not want to include in the recording file like a commercial scene. That only works the recording status.


At first, start recording and click  when come out the CM (commercial scene) and click  after end CM and then the cut time data be added to a combo list.


- **Recording and Burning**

If checked, starts burning process right after recording for the designated time. This is ideal when you are copying your home videotapes into DVD disc. Makes the whole process automatic.

- **Output Folder :**  

Specify the location where the capture video will be saved.

-  After all the configurations are set you can simply click on this button to start the capture process.

-  Click on this button when you are not using the record time duration. Also when you want to stop the record process.

Everything recorded prior to pressing this button will be saved into a file.

- **Current State :**  **Remaining Time:**

Displays the status of the recording and Remaining Time depending on your recording duration time or the maximum record time.

### 4.2.2. STEP 2 – EDIT

## 2. Edit

Once all your video is captured, you can move onto the edit phase of the *honestech VHS to DVD 2.0 Deluxe*.



Editing video clips are very easy with drag-and-drop feature. Your clips can be reviewed by dragging the clips in your file pool into the player panel. Editing is done within this player panel.



During the EDIT phase, you can trim out scene from your recorded video. You can also cut your movies into multiple scenes and add them into storybook to add transition effects between each scene. When you have multiple scenes captured, you can combine them into one continuous clip with transitions effects. In order for you to trim or cut part of the scene from the captured clips, you will need to create two separate clips, one before the part of the clip to be trimmed and another for the scenes after the part of the clip to be trimmed. You can even combine two separate clips into one scene using the storyboard.

### Player control tools



**Mark In & Mark Out scroll bar** – This scroll bar can be moved from left to right to change the Mark In and Mark Out locations for the video clips to be trimmed or Zoom In to.



**Mark In button** – To specify the beginning of the clip you want to keep.



**Mark Out button** – To specify the end of the clip you want to keep.



**Play scroll bar** – This scroll bar can be used to easily move within the video clip to quickly preview. You can also use the Play scroll bar to assign the Mark In and Mark Out point of the movie clip.



**Mark Clear button** – To remove Mark In or Mark Out specified.



**Zoom In button** – to zoom into Mark In and Mark Out location for more precise trimming.

Following player control tool are provided for easier and more accurate trimming.



Play the movie clip from where the play scroll bar is located.



Stop the movie clip.



Go to beginning of the movie clip.



Move single frame backward in the movie clip.



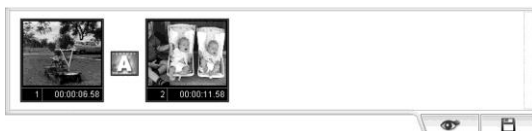
Move single frame forward in the movie clip.



Go to the end of the movie clip.



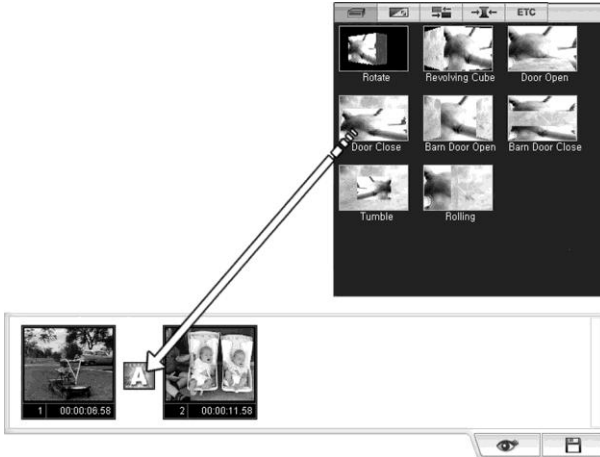
After you are satisfied with Mark In and Mark Out location, you can use Cut tool to add the clip within the Mark In and Mark Out into the Storyboard as shown below.



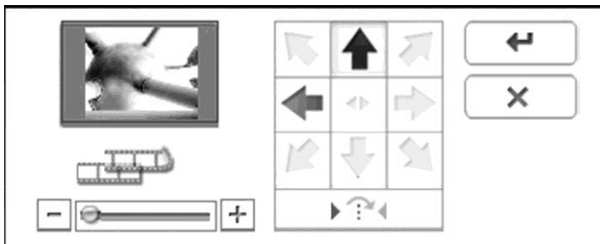


This button allows you to control the volume of the movie playback.

When you have more than one movie clip in the storyboard, you can add special transitional effects. Transitions can be added by dragging the transition effect into transition window between two clips.




This will open transition properties window as shown below.




Transition properties window controls the direction of the transition effect selected, and duration length transition will take between clips.


Moving the scroll bar to plus will make the transitions slower, which will take longer for the transition to take place. And moving the scroll bar closer to minus will take transition less time to occur, which will make transition faster and quicker.

Select the direction where transition will take place by clicking on one of the arrows.

 Click this button to accept changes

 Click this button to cancel and exit the properties

Transition Types – You have diverse amount of transition effects to choose from.


 3D Transitions

 Wipe Transitions


 Slide Transitions


 Stretch Transitions

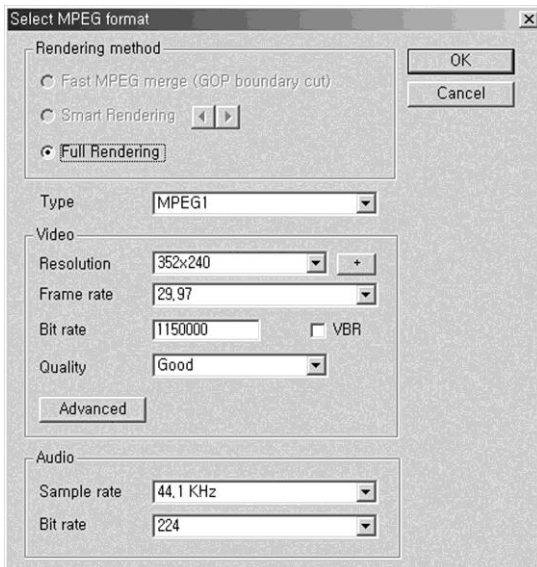
 Etc – Diverse Transitions

 You can also change the transition list view by selecting different view.  
View from Icon & Name, Icon Only and Name Only.

Now we are at the final stage of Editing, Preview and Save.

 Preview button allows you to watch the clips in the Storyboard before you save it into output file.

 Save button saves the edited movie in the storyboard into output file.  
It will display the properties window below.



#### 4.2.2.1. Rendering Method

##### Fast MPEG merge (GOP boundary cut)

- To use the Fast Method, all video segments being rendered must have identical MPEG formats. This makes inserting and deleting frames simple and fast.
- The output video format will match the original MPEG format.
- Customizing of video and audio setting are not possible; function property settings are made inactive.

**Type** – Displays MPEG format of file to be rendered.


##### Video

- Resolution: Displays video resolution (screen size).
- Frame Rate: Displays Frames Per Second (fps).
- Bit Rate: Displays Bits Per Second (bps).

##### Audio

- Sampling Rate: Displays Sampling Frequency (KHz).
- Bit Rate: Displays Bits Per Second (bps).

##### Smart Rendering

- Smart Rendering encodes one part or the whole video.
- Only the edited title, audio and special effect segments of the original streaming video will be encoded while the remainder of the original video will be saved as is.
- If edits are applied to the entire movie clip, the whole 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 streaming video file". Movie clips with formats that don't match the "base streaming video file" will be re-rendered.
- Select the "base streaming video file" using the  button.
- Although the video settings cannot be changed, the audio settings can be adjusted.

**Type** – Display MPEG type

##### Video

- Resolution: Displays Resolution (screen size).
- Frame Rate: Displays Frames Per Second (fps).
- Bit Rate: Displays Bits Per Second (bps).

##### Audio

- Sampling Rate: Displays sampling frequency (KHz).
- Bit Rate: Displays Bits Per Second (bps).

##### Full Rendering

- Flexible: Render movie clips together that are formatted with different video and audio settings.
- Customizable: The output video and audio settings can be manually selected.
- Time consuming: The Full Method requires that the entire video be encoded, not just the edited part(s).

**Type** – Select MPEG type

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

## Video

- Resolution: Select resolution (screen size).
- Frame Rate: Select Frames Per Second (fps).
- Bit Rate: Select Bits Per Second (bps).

## Audio

- Sampling Rate: Select Sampling Frequency (KHz).
- Bit Rate: Select Bits Per Second (bps).

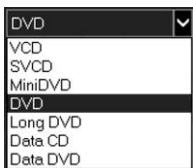
## 4.2.3. STEP 3 –BURN



The final phase of the *honestech* VHS to DVD 2.0 Deluxe is the burn phase.

- Change the name of your movie title
- Change the names of your movie clips
- Change the on screen menu by choosing how many clips to be displayed per page
- Change the background image of your screen menu.


First you must specify which output video format you want as output.






After output video format has been selected, you can start adding video clips to be included in the output video CD or DVD disc. Any video capture or saved edited movie clips will be displayed on the right window panel. You can also add movie clips that you have edited in the earlier sessions or that you have on your computer by putting them into the movie file pool.



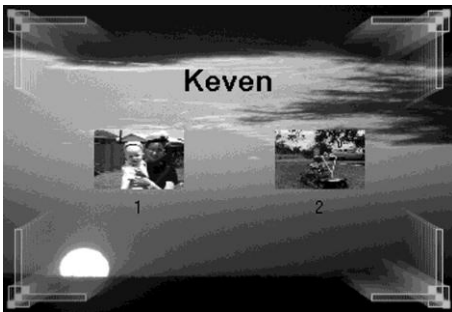
To add the movie clips from captured or edited movie clips on the right window, simply click on them and drag into the movie file pool .

You can also add the movie clips that you may have worked on earlier and saved in your HDD by clicking  button.

This button will open browser for you to browse your file system. You can then select your \*.mpg files you want to add into your movie clip.

You can also remove any movie clips from the list by clicking  button.  9 MB This displays the total size of the movie clips currently added in movie file pool. You can make chapters into your DVD by clicking  button.

You will notice all movie clips added to your movie file pool will be automatically added into the screen menu as shown below.



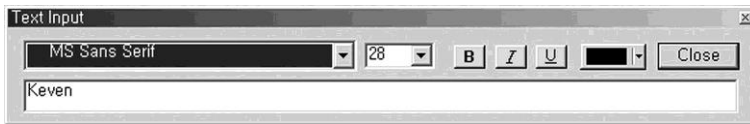
#### 4.2.3.1. Screen Menu Settings

Screen menu settings allows you to change the appearance of your on screen menu when you play your movie on DVD player. *honestech* VHS to DVD 2.0 Deluxe allows you to freely change the appearance of on screen menu to your preference. Screen menu you can make changes on are:

- Text of menu title and movie clip name
- Background image of your menu
- Number of clips per menu page
- Navigational buttons

#### 4.2.3.2. Changing Text

One way you organize your movie is by setting a proper title. You can change your menu title and your movie clip name within screen menu by simply double clicking the menu title or the clip. Following below screen below.



In the text input window, you can change the name of the movie clip or menu title. You can also change font type, font size and font color. It also allows you to bold type, italic and underline the font.

#### 4.2.3.3. Changing Background Image



You can change the background image by clicking on this button and selecting your preferred image from the list of thumbnail images.

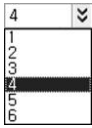


As you can see, you have a list of default background images you can choose from. You can also personalize your on screen menu by adding your own background image. Simply click on the Add Photo(s) button and choose the background image you wish to add to the list.

Once you have decided on which image you wish to use, select that image then click OK. Now your new background image will be assigned to the menu page.

If you have multiple menu pages, you can assign different background images for each page. This can help better organize of your movie clips by assigning the background image that represents the movie clips in that page.

#### 4.2.3.4. Number of clips per Menu Page

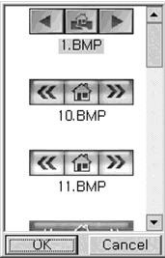


On screen menu page can have one clip or up to six clips of movies. Depending on your preference, you can assign this number by simply using the drop down menu and selecting the number of clips you wish to see per page.

#### 4.2.3.5. Navigation Buttons



Use this button to change the navigation button between pages if you have more than one page of screen menu.



Navigation buttons only appear if there are more than one page of screen menu. With navigation buttons, you can easily browse between pages and select the movie clip you want to play.

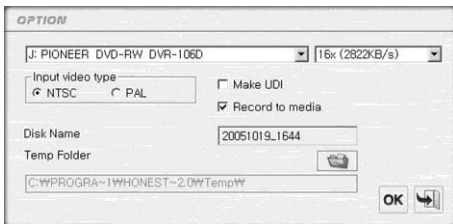
There are about dozen of buttons to choose from. Select the button that best fits your on screen menu. Simply click on the button you wish to use, then click OK to select.

#### 4.2.3.6. Option Button

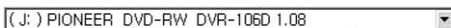
Now everything is prepared for the actual burning of movies into CD or DVD disc. But before you start the burn process you must configure the options for the output disc. The options can be changed using the option button.



When this button is pressed, it will open option window on your screen for configuration. Option window will allow customization of output.



- Select CD/DVD writing device



- Select video standard



Note:

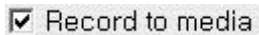
NTSC is used in USA and Japan; PAL is used in Europe.

- Make UDI File



Check this box to keep the UDI file that was created during burning. Otherwise the file will be deleted after the burning is completed.

- Record to media



If you select this menu, video is saved on CD or DVD.

- Disk Name



Create custom title for CD/DVD media.

- Temp Folder



Click on this icon to browse and select the directory to be used as a Temp folder.





- OK/Exit



Saves setting changes and closes Option Dialog window.



Cancels setting changes and closes Option Dialog window.

-  Eject CD/DVD Drive
-  Close CD/DVD Drive
-  Erase Re-writeable Disk
-  Disk Information



Press the Start Button to start burning.

## 5. OUTPUT SPECIFICATION

### DVD (Digital Versatile Disk) Spec

#### NTSC

- Size: MPEG-2 720 X 480 pixels
- Video bit rate: 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 bit rate: 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 bit rate: 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 bit rate: 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 bit rate: 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 bit rate: 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 bit rate : Up to 2.5 Mbit/sec
- Frame rate : 29.97 frames/sec
- Audio : MPEG-1 Layer2

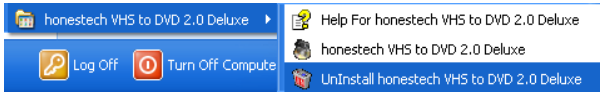
### PAL

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

## 6. Uninstall *honestech VHS to DVD 2.0 Deluxe*

1. Find its program group

**Start / Programs / *honestech VHS to DVD 2.0 Deluxe***

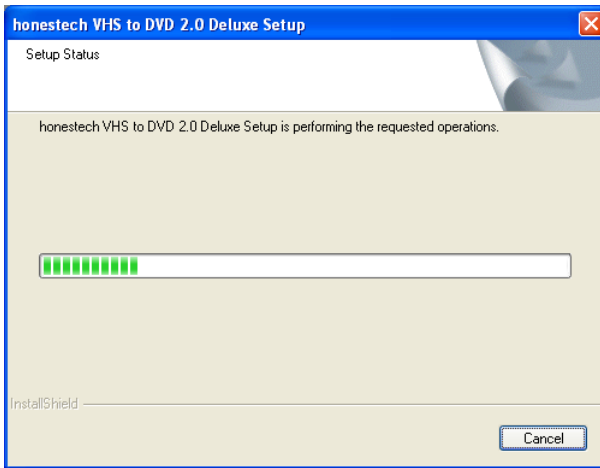


2. Select to **Uninstall *honestech VHS to DVD 2.0 Deluxe***

Please click **YES** to uninstall.



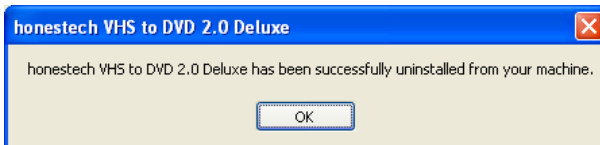
3. Start Uninstall process



4. Uninstall Completed

You will see a screen confirming a successful completion.

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



**Following information is only for EU-member states:**

The use of the symbol indicates that this product may not be treated as household waste.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

