

honestechTM
VHS to DVDTM **4.0**
SE

User Guide



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1. Introduction

Video tapes can deteriorate over time. Deteriorated videos will exhibit color bleed, white specks, and other distortions. Don't let this happen to your precious memories by archiving your videotape collection onto DVD/CD. *honestech™* VHS to DVD™ 4.0 SE offers the fastest and easiest way to do just that.

- Capture video from VCR, Digital Camcorder, PC camera, TV, or DVD players and convert them into home DVD movies.
- All-in-one solution: provides everything you need to easily transfer and convert your video into VCD, SVCD, DVD movies.
- Advanced scene editing tools: trim out unwanted scenes, combine multiple tapes, and add transitions, titles or special effects.
- Effects: many different screen effects and filters to create professional looking 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, WMV, MPEG-4 (PSP and iPod)

honestech™ VHS to DVD™ 4.0 SE is revolutionary software that provides users with a complete and fully featured program for easy and simple conversion of their videos into VCD, SVCD, DVD movies. Now you can save all your old home videos and burn them to disc 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™ 4.0 SE has three modes: 1) Capture Mode, 2) Edit Mode, and 3) Burn Mode

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

Using the recorded WMV files, you can create audio CDs, Data CDs or Data DVDs.

Whether you're a novice or professional, *honestech™* VHS to DVD™ 4.0 SE is your best choice for editing and producing home movies on VCD, SVCD, DVD. *honestech™* VHS to DVD™ 4.0 SE provides everything you need to easily create DVD movies. *honestech™* VHS to DVD™ 4.0 SE auto-detects capture devices on your PC and captures video from a wide variety of devices including VCRs, Digital Camcorders, DVD players, TVs, etc...

Whether you create VCD, SVCD, DVD discs, all of your home movies will play in superb digital quality. Simply load the disc you have created and play it on your home DVD player or PC. Sit back, relax and enjoy the show!

1.1. System Requirements

- **Operating System:**

Windows XP / Vista / 7 / 8.0 / 8.1 / 10

- **USB 2.0 Host Controller/Port**

- **Processor:**

Intel® Pentium® IV 2.4 GHz, Pentium® D, Pentium® M 1.3 GHz, Pentium Core™ Duo,
or AMD® Athlon® 64 processor

(Intel® Pentium® IV 3 GHz with hyperthreading or dual core 1.3 GHz for HD editing)

- **Memory:**

256MB of RAM (1GB if RAM for HD editing)

- **Free Hard Disk Space:**

70MB for program installation and 10GB for DVD creation

- **Other:**

Composite (RCA) cable

Audio cable (3.5mm to composite)

Audio cable (3.5mm to 3.5mm)

DirectX 9.0 or higher

Windows Media Player 6.4 (or higher)

CD Writer for VCD, SVCD

DVD Writer for DVD

2. Overview

honestech™ VHS to DVD™ 4.0 SE allows you to convert analog videotapes to DVD, or CD. You can create DVD or VCD discs of TV programs, movies or videos from your camcorder or VCR in real time. ***The Edit function enables you to combine clips with transitions, add titles and/or special effects, and remove unwanted scenes.*** The Burning function enables you to save your video clips onto DVD or VCD so that you can play them later using a compatible disc player. Now you can make your own DVD or VCD discs using *honestech™* VHS to DVD™ 4.0 SE.

honestech™ VHS to DVD™ 4.0 SE has three modes: 1) Capture Mode, 2) Edit Mode and 3) Burn Mode.

1. Capture
 Capture video from your VCR, camcorder, or DVD player. Select the appropriate format including DVD, LongDVD, VCD, SVCD, or WMV.
2. Edit
 Trim out unwanted scenes from your videos, combine clips, and add transitions, titles or special effects to create professional quality videos.
3. Burn
 Create DVD, VCD, or SVCD discs with the videos that you capture and edit. You can also convert your video into MPEG-4 or WMV format to watch it on your PSP, iPod, or Windows-based PDA device.

3. **honestech™ VHS to DVD™ 4.0 SE Installation**

3.1. Installing **honestech™ VHS to DVD™ 4.0 SE**

3.1.1. Insert the installation CD into the 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 the “Setup.exe” file on the installation CD to begin the installation process.

3.1.3. Click **[Next >]** to continue the installation.



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



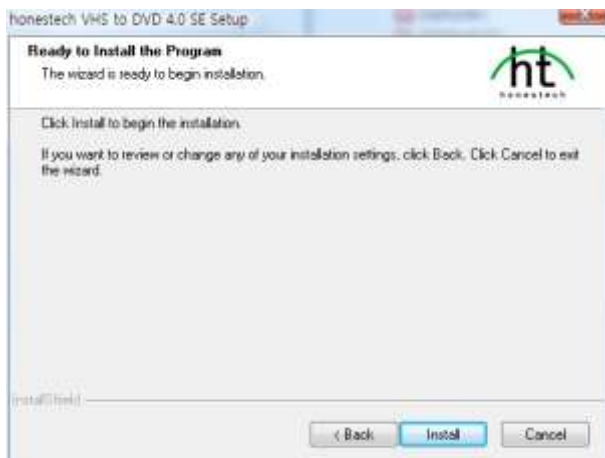
3.1.5. Click **[Change...]** if you want to install the software in a different folder. Click **[Next >]** to continue with the installation.



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 settings. If you want to change the settings, click on **[< Back]** to go back to the previous screen.



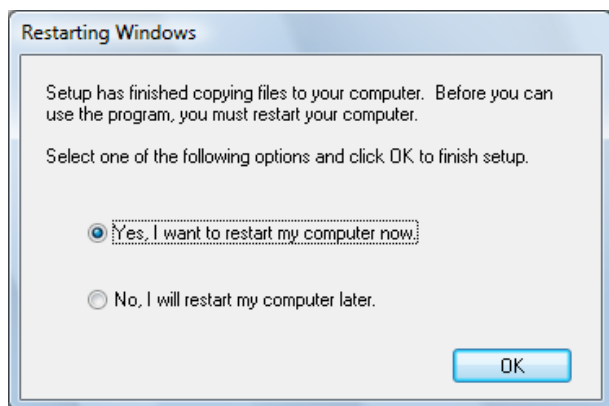
3.1.8. The setup status screen will display the installation progress. Please wait for completion.



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



3.1.10. Setup has finished copying files to your computer. Before you can use the **program**, you must restart your computer.



4. Starting *honestech™ VHS to DVD™ 4.0 SE*

You can start *honestech™ VHS to DVD™ 4.0 SE* 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™ 4.0 SE* → *honestech™ VHS to DVD™ 4.0 SE*



You can use the program to perform many functions including:

- Record from multiple tapes and/or video sources
- Convert to DVD, MPEG, WMV, LongDVD, iPod, PSP
- Convert overseas tapes to your local standard
- Import existing videos from your computer
- Edit and/or combine recordings from one or multiple sources
- Add transitions, special effects and text to video
- Preview recording before burning to ensure it plays as desired
- Create custom disc menus
- Burn your recordings to DVD, VCD & SVCD or save as an image to burn later



The Program opens to the Capture screen upon selection from the Main Menu. You can choose to move to any of the three mode sections, Capture, Edit or Burn at any time, by selecting them from the top of each screen.



The Capture screen is used to record video from any external video source such as a camcorder, VCR, etc.. It provides several functions and task areas designed to make the recording process as easy as possible. Below are descriptions for some of the functions and areas found within the Capture screen.

Screen Selection – select the section you wish to use Capture, Edit, or Burn, and the Advanced Mode will switch to that screen.

Preview Pane – used as a substitute for a tv/monitor, it is used to preview your video before and during recording.

Recording Status Display – displays the format selected for recording (DVD, MPEG, WMV or LongDVD), the recording timer, the file size of the recording in megabytes, and the Maximum Recording Time.

Record and Burn – It will automatically burn your video to disc after the recording timer has finished, or the Stop button is clicked.

Video Perspective – provides 4:3 option for standard, non-HD video and 16:9 for HDV/DV video.

Options – manage the recording format, video type, recording quality/time, output folder, and device settings.

Clip Panel – all recorded, edited, and imported video clips will appear here as thumbnail images.

Help Menu – from this menu you can access the User Guide, Product Registration information, Product Updates, and Product Key information.

Getting Started: Capture

There are five steps to capturing :

Step 1 – Connections

Step 2 – Record Settings

Step 3 – Optional Settings

Step 4 – Preview

Step 5 – Recording

These steps are described in more detail below.

Step One – Connections

You will first need to connect your video player to your capture device or capture card.


Connections from your video player can be made via **RCA (Composite) cables** (above), or with a combination of **S-Video and RCA (Composite) audio cables** (below).

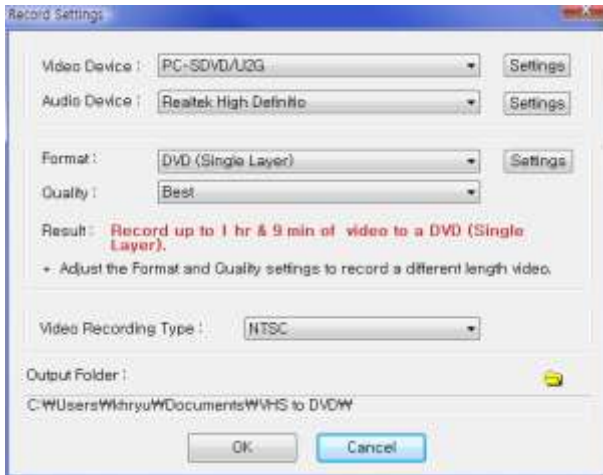
Step Two – Record Settings

Before making any settings, you will need to determine the requirements for your finished product.

To help determine those requirements, you may want to ask yourself the following questions:

- How long is my video or how long do I want it to be?
- Will I be recording to disc or saving as a file?
- What type of disc or file will I be recording to?
- Am I going to do any editing?

Once you have decided on the requirements for your recording, access the record settings control panel using the  Record Settings button at the bottom of the Capture screen.



Video/Audio Device – these fields should reflect the capture device/card that connects between your video player and your computer.

- Video Device Settings – use this button to specify your video cable connection (Composite or S-Video), and to access video controls for brightness, contrast etc...
- Audio Device Settings – use this button to adjust the recording volume.

Format – specify the disc or video format your want your video to be recorded in. See the Appendix for information regarding each format option.

- Format Settings – use this button to change your video resolution in the event that you experience unstable or choppy video.

Quality – specify the quality setting that your video will be recorded in.

*This option, in combination with the Format option, will determine how much video can be recorded to disc. (Does not apply to VCD or SVCD Formats).

Result – this line indicates the amount of video that can be burned to the type of disc or video format you have selected in the Format option. This line will change based upon the settings made for the Format and Quality options. Typically, after deciding on your format, you can adjust the quality setting to best match the length of video you will be recording.

*If you will be recording multiple videos, choose the setting that best matches the total amount of video you plan to burn on one disc.

Video Recording Type – specify the video standard you want your video recorded in, NTSC or PAL. NTSC is the common video standard for North America. PAL is typically used in Europe and British Commonwealths.

TIP: This option can also be used to convert a PAL videotape to the NTSC standard and vice versa. See the Appendix for information on converting video types.

Output Folder – this is the location on your computers hard drive, where all video recordings will be saved permanently. Click the Folder icon on the right to change the output folder location. *Changing the Output Folder location is not recommended unless space is low on the current drive.

Make your settings based on the requirements for your recording and click the OK button when finished to close the Record Settings control panel.

Step Three – Optional Settings

- **Set Recording Time** – Setting a Recording Time enables the Capture Mode to stop recording once the time entered has elapsed. The timer will not start until the Record button is clicked. Upon completion, any video captured will appear in the Clip Panel as a thumbnail image. This option is located at the bottom of the Capture Screen.
- **Record and Burn** – Selecting this option will further automate the process and prompt the Advanced Mode to burn your video to disc when recording is complete. *Make sure to insert a blank disc into your disc writer before you start recording.
- **Video Perspective** – Select the option based on the type of video you will be recording. For standard, non-HD video, you should select the 4:3 option. For HDV/DV video you should select the 16:9 option. *Unless you specifically recorded your video in HDV or DV video, you would typically select the 4:3 option.


Step Four – Preview


- Connect your video player to the computer via your capture device/card if you have not already done so (see Step One).
- Insert your tape if necessary and press play on the device.
- Your video should appear in the **Preview Pane**, and the audio heard through your computer speakers. *If you do not see/hear your video or it appears faulty please see the Troubleshooting sections on pages 39-40.
- Rewind or fast forward your video to the point you wish to record from.

Step Five – Recording

Recording Status Display – use this display to check the status of your recording, verify the recording format (DVD, SVCD, WMV etc..), or monitor the size of your file.

The **Maximum Recording Time (MRT)** indicates how many hours of video recording are available on your computers hard drive. See the Appendix for more MRT information.

Record – click the  record button at the bottom of the Capture screen when you are ready to capture your video.

Stop – click the  stop button when you are ready to halt or cancel the capture process. Any video that has been captured will appear in the Clip Panel on the right as a thumbnail image.

If you wish to remove any video clips from the Clip Panel, first select the clip and then click the remove button at the bottom of the panel.

Save – When you are finished recording, it is always a good idea to save your project, especially if you plan to edit or burn your video at a later time.

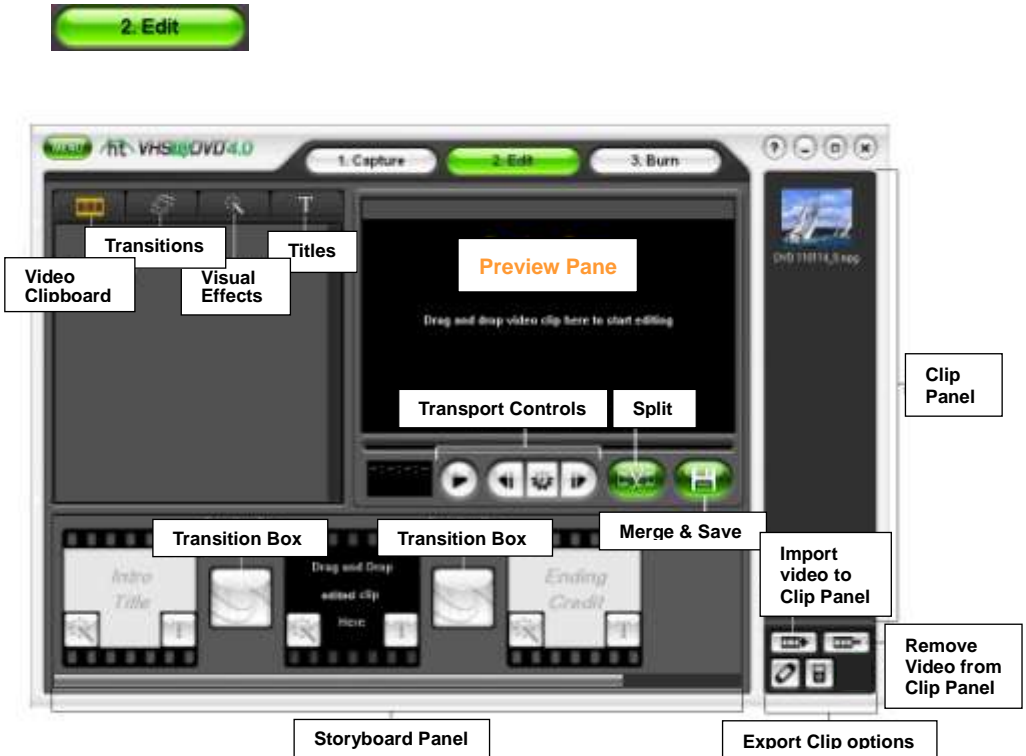
To save your project, click the Menu button in the top left corner of the Capture screen and select Save Project.



When prompted, provide a descriptive project name that matches your recording(s) and save to a familiar location on your hard drive.

*Your project will be saved as a VHS to DVD project file, see the Appendix for more information about project files.

Now you can repeat the process to record more tapes, move on to the Edit screen if you need to edit, or go directly to the Burn screen to burn your recording(s) to disc.



In the edit screen, you can split your video clips into smaller segments, arrange segments within the storyboard, add transitions, apply effects and overlay text. When you are finished editing, you can merge and save the changes you have made to create a new video clip. *Editing is an optional process and is not a required step in the conversion process. If you do not need to perform any editing, you should select the Burn button from the top of the screen.

Below are descriptions for some of the functions and areas found within the Edit screen.

Video Clipboard – displays any video clips you have edited/split in the Preview Panel. Clips are displayed in thumbnail format.

Effects Tabs – choose from a wide array of transitions, special effects, and title screens.

Storyboard Panel – drag and drop your edited clips from the Clip Board here. Organize, add transitions and text titles, apply special effects, and create intro and ending credits.

Clip Panel – all recorded, edited, and imported video clips will appear here as thumbnail images.

Preview Panel – used to preview and edit your video clips. Start here to begin the edit process.

Merge and Save – used to merge the clips in the Storyboard Panel together and create a new, finished video clip.

Getting Started: Edit

There are five steps to editing:

Step 1 – Preview Clip

Step 2 – Split Clip

Step 3 – Arrange Clips

Step 4 – Adding Effects (optional)

Step 5 – Merge & Save

These steps are described in more detail below.

Step One – Preview Clips

To begin editing, double-click a video clip in the Clip Panel to play it in the Preview Panel. You can also drag and drop the video clip onto the Preview Panel to begin the editing process. Once loaded, you can use the transport controls at the bottom of the Preview Panel to preview your clips and locate your edits points.



Play: click to begin video playback.



Pause: click to pause video playback.



Previous Frame: click to rewind the video.



Next Frame: click to advance the video.




Jump Frame: click to change the speed at which the Previous and Next Frame buttons rewind or advance the video. *Useful for making precise edits.



Playhead: indicates the preview location within a video clip. The playhead marker can be dragged left or right to adjust the preview position of your video in the Preview Panel. *The Playhead also indicates where the split will occur if the split button is clicked.

Step Two – Split Clip

Once you have located a section in your video that requires an edit, whether it is a cut, a transition, or a special effect, you will want to split your clip as a way to isolate the section that requires editing. Splitting a clip divides it in two, leaving you with two clips that are automatically placed in the Video Clipboard. By repeating this procedure you can further isolate sections of your video that require editing, leaving you with smaller clips that can be rearranged or paired with other clips.

Split – Use the  Split button to split your video clip at its current play position. The video will be divided into two segments, and the segments will then be automatically placed in the Video Clipboard. To split a segment again, select the clip in the Clipboard, locate your split point in the Preview Panel and click the Split button.

Tip: The Preview Panel allows you to split video clips at the Playhead, or at the video frame appearing in the panel. The split process works by dividing a video in two, precisely at the video frame currently being displayed in the preview panel. This process is made easy with the use of the **Pause**, **Previous Frame**, and **Next Frame** controls.

Step Three – Arrange Clips

After splitting your video into smaller segments, you can begin to arrange them in the **Storyboard Panel**.

You may have noticed that the Storyboard already contains three items that look like film frames.



The first and last items are provided for you to create custom **Intro and Ending Titles** for your video. *They can be removed by selecting the specific title frame and pressing Delete on your keyboard. The deleted item will remain in a grayed out form.

The middle frame is where you should add your first clip into the Storyboard.

To move your clips to the Storyboard, select a segment from the Video Clipboard and drag it to the Storyboard Panel at the bottom of the edit screen. Drop the first clip segment onto the middle frame. Additional clips can be added around the middle clip, but not before or after the Intro and Ending Title frames.

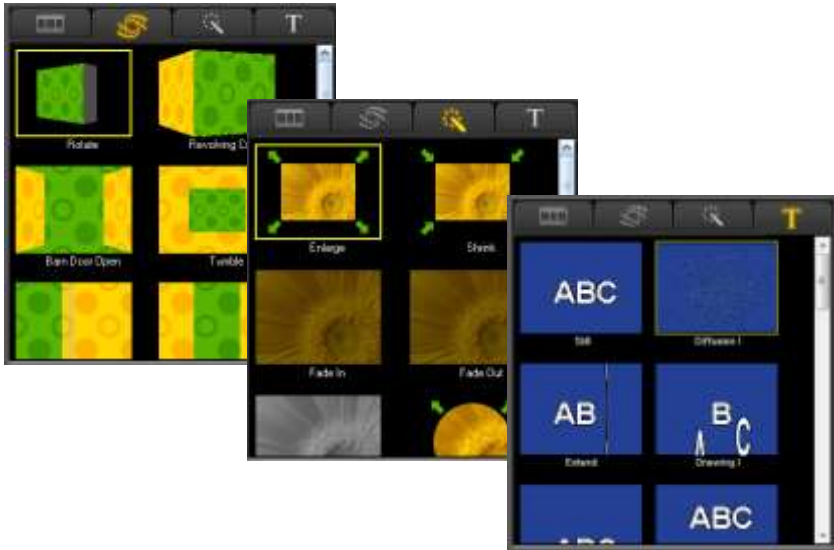
You can also move clips within the Storyboard Panel by dragging and dropping. Dragging a clip to the right or left will change its sequence. A vertical red bar will appear to indicate where the clip will be placed in the timeline.

Tip: To preview your clip arrangement within the Storyboard, select the clip you want to preview from in the Storyboard Panel and click **Play** in the Preview Panel.

Step Four – Adding Effects (optional)

The Edit screen includes a large selection of optional effects that can be used to visually enhance your video.


To access the effects, select one of the three effect tabs above the Video Clipboard: Transitions, Visual Effects, or Titles.



Transitions: used to provide a specific look or feel to the change from one clip to another. To add, select a transition from the Transitions tab and drag and drop it on a transition box between two video segments in the Storyboard panel.


Visual Effects: add unique and interesting effects to your video.


To add a visual effect, select one from the Visual Effects tab and drag and drop it on a video segment within the Storyboard panel.

A small effects icon  will appear on the segment indicating that a visual effect has been applied.

Titles: text titles can be added to an Intro or Ending frame, or to any video segment within the Storyboard Panel.

To add a title, select one from the Titles tab and drag and drop it on a video segment or Intro/Ending frame.

A small Title icon  will appear on the video segment indicating that a title has been applied.

To change the appearance of your title, click the  Title icon to access the **Text Editor**.

The Text Editor allows you to change the location of the title within the screen, or resize it by dragging one of the corner boxes diagonally.



You can also personalize your title, change fonts, color, and/or size by clicking the




Text Input button to open the Text Input toolbox shown below.

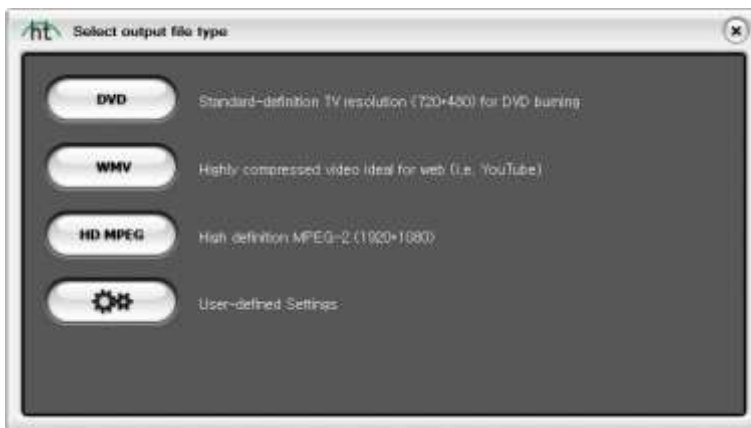


Step Five – Merge & Save

When you are finished editing and customizing your video, you can select the first segment or frame in the Storyboard panel and click 'Play' in the Preview Panel to review the entire contents of the Storyboard.

If you are satisfied with your movie, you can apply changes (editing), combine all clips and transitions in the Storyboard, and save as one new video clip to the Clip Panel, by clicking the **Merge and Save** button  at the bottom of the Preview Panel.

After clicking the **Merge and Save** button, you will be prompted to choose an output file type that matches the disc type you will be burning to, or that meets the file requirements for watching on your computer or uploading to the internet. *Typically you will want to remain with the same disc format option you chose in the Capture screen prior to recording. For most, you would select DVD or HD/SD, however, for more advanced needs, you can select the User-defined Settings option to customize your own output file.



When prompted, provide a descriptive project name that matches your movie and save to a familiar location on your hard drive.

*Your project will be saved as a video file, compatible with the type of disc or file option you selected.

The Storyboard contents will appear as one new video thumbnail in the Clip panel when the program finishes merging and saving.



The Burn screen is used to create menus and write your video clips to disc. You can choose from a list of default themes, or customize your own menu to include chapters, personal background images, and background music. You can also burn to multiple disc types including DVD, SVCD, and VCD. *Disc type availability will depend on the file format of your video clips.

Below are descriptions for some of the functions and areas found within the Burn screen.

Menu Editors – select from an assortment of ready-made themes and backgrounds or customize your menu with chapters, personal images and background music.

Burning Status Display – displays the burning status of your disc, type of disc being burned, the burning timer, and the required /available disc space.

Export Clip options – choose to export your recorded, edited and/or imported video clips to PSP or iPod file format.

Clip Panel – all recorded, edited, and imported video clips will appear here as thumbnail images.

Disc Menu Screen – create disc menus by adding video clips from the Clip Panel.

Getting Started: Burn

There are five steps to burning:

Step 1 – Insert Disc

Step 2 – Settings

Step 3 – Add Clips

Step 4 – Customize Menu (optional)


Step 5 – Burn

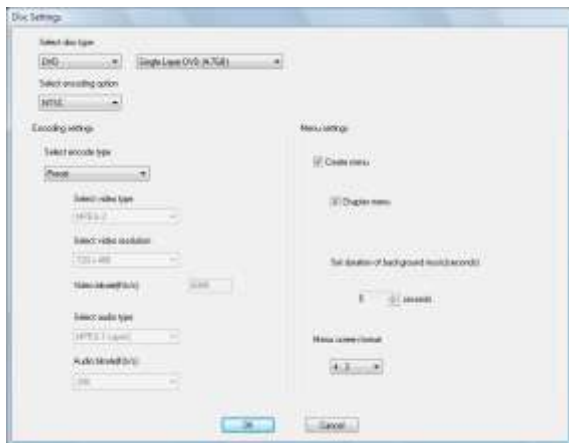
These steps are described in more detail below.

Step One – Insert Disc

Before burning, you will need to select the type of disc you will be burning your video files to and insert that disc into your computer. Typically you would have determined this prior to recording your video in the Capture screen or when merging and saving in the Edit screen. If you are importing video clips into the program, see the About Video/Disc Format options in the Appendix for the best disc option based on the type of video file you will be importing.

Step Two – Settings

Click the  Settings button at the bottom of the Burn screen to access the disc and menu settings.



Select disc type – specify the type of disc format you want to record your video clips to. When selecting DVD, be sure to select the size of your DVD from the drop down menu to the right.

Tip: Use the same option you selected for the format prior to recording in the Capture screen.

Select region type – specify the video standard you want your disc burned in, NTSC or PAL. *You will want to choose the standard based on your geographical region. NTSC is the common video standard for North America. PAL is typically used in Europe and British Commonwealths.

Encoding Settings

Select encode type – specify your encoding settings. Unless you prefer to make advanced encoding settings, it is recommended that you choose 'Fit to Disc' or 'Preset'. Otherwise, select 'Custom' and adjust the remaining encoding selections based on your needs.

Menu Settings

Create Menu – select this option if you would like to create a main disc menu made for your disc. The disc menu is made from the different video clips you add to the disc, and displays them as image thumbnails with a background image of your choice. The disc menu will appear when playing your disc, allowing you to play specific clips based on the selection of videos you added to the disc.

Chapter Menu – select this option if you want to include a chapter menu for your clips. The chapter menu will allow you to select from individual chapters made for each clip.

Set duration of background music – adjust this option if you plan on adding background music to your main disc menu. The music you select will play for the amount of seconds you choose before looping again.

Menu screen format – select the screen aspect ratio for your menu: 4:3 option for standard and 16:9 for widescreen video. *Typically you will want to select the same setting you chose for your video perspective prior to capturing in the Capture screen.

Step Three – Add Clips


Drag the video clips you want to burn from the Clip Panel and drop them in the Disc Menu Screen. A sample disc menu will appear after adding a clip, providing a preview to your disc menu. *Make sure the clips you add do not exceed the available disc space listed in the top right corner of the Burning Status Display.

**To remove a clip from the Disc Menu Screen, click on the clip to highlight it, then right click and select delete from the pop-up menu.

Tip: To turn off the disc menu, click the Settings button at the bottom of the Burn screen and uncheck the 'Create Menu' option.



Step Four – Customize Menu (optional)


Use the following features to create and customize menus for your discs. A disc menu functions as a visual table of contents, providing the option for selective viewing.

Chapters – Use the  Chapter button to add chapter points to clips in the Disc Menu Screen. To add chapter points, first select a clip in the Disc Menu Screen and then click the Chapter button. A chapter screen will open, allowing you to add chapter points for your clip manually, or auto space them based on the number of chapters you require.


Tip: Chapter Points are invisible markers imbedded within the video that allow you to skip forward or back using the skip or jump buttons on your DVD player. You can make the chapter points visible for selection (like traditional DVD chapter menus), by enabling the option for Chapter menu in the Settings section.





To manually add chapter points, play your clip in the preview panel and click the  Add chapter button during playback. Chapter points will be added to the frame visible in the preview panel and will appear as a thumbnail image in the Chapter Pool on the left. To remove a chapter point, select the chapter in the Chapter Pool and then click the  Remove Chapter button. When you are finished creating your chapters, click the Save button to save your chapters and exit the Chapter screen.

Themes – Use the  Themes button to change the Theme (background picture, buttons and clip frames) of your Disc Menu.

Tip: Some Themes display more video clips on one menu screen than others. If your clips exceed the amount displayed on one screen, another menu screen will automatically be created. Use the Menu Navigation buttons, listed in this section, to view and customize each menu screen.

Background Image – Use the  Background Image button to change the background picture only of your Disc Menu. *You can also use a personal image from your own collection by clicking the 'Add photo(s)' button to add your own images to the list.


Background Music – Use the  Background Music button to add a short music loop to your Disc Menu. By default, the program will extract the first 5 seconds from the music file you choose and loop it. To adjust the amount of seconds extracted and the length of your loop, access the '**Set duration of background music**' option from the Settings button. 

Menu Navigation – Use the buttons listed below to navigate through your Disc Menu screens and view the changes you have made.




 **Chapter Menu:** Click this button to view and make changes to your Chapter Menu.

(Only available when a Chapter Menu has been created)

 **Previous Menu Screen:** Click this button to view the previous menu screen.

(Only available with multiple menu screens)

 **Next Menu Screen:** Click this button to view the next menu screen.

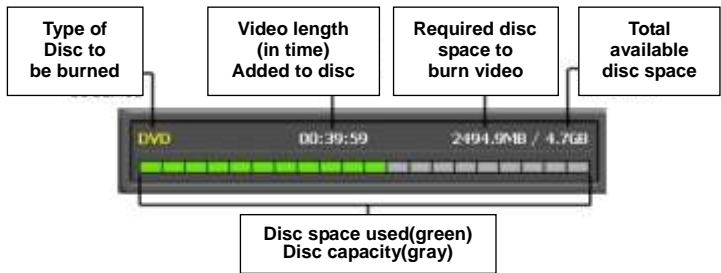
(Only available with multiple menu screens)




Home Menu: Click this button to view the main disc menu screen.


Step Five – Burn

Before burning your video clips to disc, you will want to verify that the total, required size of your clip(s) does not exceed the total available size of your disc. To verify your clip(s) do not exceed the disc size, check the **Disc Status** in the bottom left corner of the Burn Screen.



When you are ready to burn your video clip(s) to disc, click the **Burn Disc** button  at the bottom of the Burn Screen.

A Burn Options window will appear providing some additional disc burning choices before you begin the actual burning process.

*Unless there is a specific need, the burn options can be left at their default settings, and you can start burning by clicking the red & white **Burn** button. 



Burn Options:

Disc Name – use this option to create a name for your disc. The name will be visible when played on a computer or from the display interface on supported DVD players.

Drive – use this option to select the disc drive that will burn your disc.

Burn Speed – use this option to specify the speed at which your disc drive will burn your disc.

Tip: Slower burn speeds will typically yield better disc results. If you encounter burning problems, try lowering the burn speed. Speeds can then be raised incrementally with each successful burn.

Create Video_TS folder – use this option to create a Video_TS folder in the location specified. A Video_TS folder is the file structure or directory typically burned to DVD discs which also contains the DVD movie.

Temp Folder – use this option to select the temporary folder used during the burning process. The Advanced mode uses the temporary folder to convert your video to disc format. Once burned to disc, the converted video is purged from the temporary folder.

Burn Process:

Burn – use this option to begin the burning process, made up of four automated steps which convert your audio and video to disc format, and burn the converted information to disc. A finish message will appear when the burning is complete.

***Warning: Manually ejecting your disc before completion can cause the disc to malfunction.**

5. Uninstall honestech™ VHS to DVD™ 4.0 SE

1. Find its program group

Start → All Programs → honestech VHS to DVD 4.0 SE

2. Select **Uninstall honestech™ VHS to DVD™ 4.0 SE**

Please click **[Yes]** to uninstall.



3. Uninstalling progress.

4. Uninstall Completed

You will see a screen confirming a successful completion.

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



6. Appendix

About Video/Disc Format Options



- **VCD (700MB)*** – select this option if you plan to burn up to 1 hour & 6 minutes of video to a video CD. (CD must be at least 700MB in size)
- **SVCD (700MB)**** – select this option if you plan to burn up to 33 minutes of video to a super video CD. (CD must be at least 700MB in size)
- **DVD (Single Layer)** – select this option if you plan to burn your recording to a single layer DVD disc (4.7GB in size).
- **DVD (Dual Layer)** – select this option if you plan to burn your recording to a dual layer DVD disc (8.5GB in size).
- **Long DVD (Single Layer)***** – select this option if you plan to burn more than 2 hours & 13 minutes of video to a single layer 4.7GB DVD.
- **Long DVD (Dual Layer)***** – select this option if you plan to burn more than 4 hours & 1 minute of video to a dual layer 8.5GB DVD.
- **WMV (700MB)** – select this option if you plan to record your video in the Windows Media Video file format and burn as a data file to a CD. (CD must be at least 700MB in size)
- **WMV (4GB)** – select this option if you plan to record your video in the Windows Media Video file format and burn as a data file to a DVD. (DVD must be at least 4.7GB in size)

*VCD (Video CD) is typically comparable to a VHS tape in terms of quality.

**SVCD (Super Video CD) has the capacity to hold about 33 minutes of good quality video on a 700MB CD. Quality is better than VCD but still less than DVD.

***Long DVD has the capacity to record up to 6 hours and 51 minutes on a 4.7GB single layer DVD and up to 12 hours & 21 minutes on an 8.5GB dual layer DVD. This will typically result in lower than DVD quality video however, because it is compressing more video onto a disc than it is normally designed to hold.

About Maximum Recording Time (MRT)

The MRT displays how many hours of video recording are available on your computer's hard drive. If the MRT indicates less than 1 hour of recording time available, it may be time to backup or remove some files from your hard drive.

Tip: Because video files can consume large quantities of hard drive space, it is recommended that you check your Output Folder (see page 29 – Record Settings) from time to time for any previous video recordings that can be permanently deleted.

About Project Files

The VHS to DVD program can save your current progress as a project file. The file can be identified by the .ilj extension at the end of the file name. The “.ilj” project file does not contain any actual video, but instead, serves as a reference file for the VHS to DVD program. When opened, it tells the program where to find and load all the necessary video clips and edits associated with that specific project.

Converting PAL /NTSC (and other video standards)

The VHS to DVD software is capable of recording NTSC, PAL, and many other video tape standards from around the world. It is possible, however, that your computer system may not correctly recognize the video signal from a tape made in a foreign country. In this case you would typically experience black and white video.

There are two video standard adjustments that may need to be made to enable your computer and the program to recognize the foreign video tape in color:

First Adjustment:

Change Video Standard (VHS to DVD) – select the Options control panel button from the Capture screen and click the 'Settings' button next to the Video Device listing.

Select the 'Control' button from the Video Settings ' window.



A Video Properties window should appear (shown below).



In the Video Decoder tab, you will find an option for Video Standard. Use the drop down menu to select the Video Standard setting for the tape you are attempting to record. Click Ok when finished and close all other optional windows. Preview your video tape using the preview pane. If the video still does not appear in color or changes back to black and white after clicking Record, proceed with the next adjustment.

Second Adjustment:

Change Video Standard (stand-alone) – You may or may not have already noticed that the VHS to DVD software included an additional utility program called Change Video Standard. Before accessing the utility, please be sure to first close the VHS to DVD program.

To access the Change Video Standard utility, click the Start icon in the bottom left corner of your screen and select 'All Programs' from the Start Menu.

From the list, locate and highlight honestech™ VHS to DVD 4.0 SE, among the four items that will appear, should be Change Video Standard. If the VHS to DVD™ program is closed, select the Change Video Standard utility to open it.



From the Video Standard drop down menu, select the Video Standard setting for the tape you are attempting to record. Click Ok when finished and then re-start the VHS to DVD™ 4.0 SE software. Preview your video tape using the preview pane in the Capture Screen.

7. Troubleshooting

This information is provided to assist you in resolving video or audio problems within the VHS to DVD program. The solutions given are common answers to the problems listed and are not comprehensive. Some problems may require further technical troubleshooting to fully resolve.

Installation Problems

It is recommended that you disable any Anti-Virus or other background software you may have running while installing this software. Failure to do so can cause the software to exhibit unexpected or unpredictable behavior.

Access Denied error:

- Verify you are logged in as an Admin user for the computer.

No Product Key:

- Check the back of the envelope or jewel case that the Install CD was packaged in.

Invalid Product Key error:

- Enter the key manually, 5 characters per box (avoid copying and pasting).

Disc Problems

Media non-applicable error:

- For Advanced Mode: Verify you are inserting the correct type of blank media to match the format of your video clips (see the About Video/Disc Format Options section in the Appendix).

No DVD writer detected error:

- Verify your optical disc drive will write to DVD -/+R discs. Many drives labeled DVD-ROM will only read DVD discs but not write to them.

Video Problems

No video:

- Check your cable connections to make sure they are secure.
- Verify you are connecting your cables to the ports labeled 'Output' on your video player.
- Verify you are only connecting one type of video cable, RCA (yellow) or S-Video.
- Verify the output ports of your video player work by testing them with your television.
- Check your video & audio device settings from the Record Settings control panel (see Step Two of the Advanced Mode – Capture section).
- Verify your video cable connections setting by clicking the 'Settings' button next to the Video Device listing (see Step Two of the Advanced Mode – Capture section).
- Disconnect additional monitors

Black & White video:

- Verify your video tape was recorded in the same video standard format for your region. If it was not, see the **Converting PAL/NTSC (and other video standards)** section in the appendix.

Pink/Green video:

- Verify you are plugging your capture device into a USB 2.0 port attached to your computer (avoid using external USB hubs).

Choppy video:

- Verify your computer meets the programs minimum system requirements.
- Avoid the following actions while recording and burning:
 - Locking the workstation.
 - Running other applications in full screen mode.
 - Running CPU intensive programs.

Distorted lines at top or bottom of screen:

- Clean VCR/camcorder tape heads.
- Adjust VCR/camcorder video tracking.

(These lines are not usually visible on a regular television because a TV typically presents in overscan mode – causing the edges of the video to be out of view)

Audio Problems

No Audio:

- Check your cable connections to make sure they are secure.
- Verify you are connecting your cables to the ports labeled 'Output' on your video/audio player. *If there are no 'Output' ports available, try using a Headphone output by way of a headphone-to-RCA (Composite) adapter cable.
- If using a Headphone output, adjust the volume for your audio player.
- Verify the audio output ports of your video player work by testing them with your television.
- Check your video & audio device settings from the Record Settings control panel (see Step Two of the Advanced Mode – Capture section).

Choppy audio:

- Verify your computer meets the programs minimum system requirements.
- Avoid the following actions while recording and burning:
 - Locking the workstation.
 - Running other applications in full screen mode.
 - Running CPU intensive programs.

8. Codec Information

Format	Standard	Described	
DVD	NTSC	Video	MPEG-2
		Resolution	720×480
		Bitrate	9.8 Mbps below
		Framerate	29.97 fps
		Audio	MPEG-1 Layer2
	PAL	Video	MPEG-2
		Resolution	720×576
		Bitrate	9.8M bps below
		Framerate	25.00 fps
		Audio	MPEG-1 Layer2
VCD	NTSC	Video	MPEG-1
		Resolution	352×240
		Bitrate	1150 kbps
		Framerate	29.97 fps
		Audio	MPEG-1 Layer2
		Audio bitrate	224 kbps
	PAL	Video	MPEG-1
		Resolution	352×288
		Bitrate	1150 kbps
		Framerate	25.00 fps
		Audio	MPEG-1 Layer2
		Audio bitrate	224 kbps
SVCD	NTSC	Video	MPEG-1
		Resolution	480×480
		Bitrate	2500 kbps
		Framerate	29.97 fps
		Audio	MPEG-1 Layer2
		Audio bitrate	32~224 kbps
	PAL	Video	MPEG-1
		Resolution	480×576
		Bitrate	2500 kbps
		Framerate	25.00 fps

		Audio	MPEG-1 Layer2
		Audio bitrate	32~224 kbps
Long DVD	NTSC	Video	MPEG-2
		Resolution	720×480
		Bitrate	2.5 Mbps
		Framerate	29.97 fps
		Audio	MPEG-1 Layer2
	PAL	Video	MPEG-2
		Resolution	720×576
		Bitrate	2.5 Mbps
		Framerate	25.00 fps
		Audio	MPEG-1 Layer2
WMV	NTSC	Video	Windows Media Video 9
		Resolution	640×480
		Bitrate	335~1637 kbps
		Framerate	29.97 fps
		Audio	Windows Media Audio 9 (44.1 KHz, stereo)
	PAL	Video	Windows Media Video 9
		Resolution	640×480
		Bitrate	335~1637 kbps
		Framerate	25.00 fps
		Audio	Windows Media Audio 9 (44.1 KHz, stereo)
MP4	Smartphone	Video	MPEG-4 Video
		Resolution	320×240, 720×480
		Bitrate	216~3000 kbps
		Framerate	15 ~ 30 fps
		Audio	AAC
		Bitrate	96~360 kbps
	PSP	Video	MPEG-4 Video
		Resolution	320×240, 368×208
		Bitrate	216~768 kbps

AVC		Framerate	15~30 fps
		Audio	AAC
		Bitrate	96~360 kbps
	Smartphone	Video	AVC
		Resolution	320×240, 720×480
		Bitrate	216~3000 kbps
		Framerate	15~30 fps
		Audio	AAC
		Bitrate	96~360 kbps
	PSP	Video	AVC
		Resolution	320×240, 368×208
		Bitrate	216~768 kbps
		Framerate	15~30 fps
		Audio	AAC
		Bitrate	96~360 kbps