



Sonne DVD Creator

Welcome to using Sonne DVD Creator!

Document No.: Sonne DVD Creator Help Document

Sonne DVD Creator

Sonne Software Solution

<http://www.sonnesoftware.com>



Sonne DVD Creator

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Sonne DVD Creator

A completely **FREE** tool from SonneSoftwareSolution!



With Sonne DVD Creator, you can create DVD by various video formats such as AVI, DivX, Xvid, MPEG, WMV, MP4, MOV, RM.... And you can play the DVDs on portable or home DVD player. In addition to creating DVDs with multiple video formats, you can create DVD movies by setting NTSC or PAL video standard, 4:3 or 16:9 video aspects and 720x480/720x576 video resolutions.

What's more, plenty of DVD menu templates can be selected here.

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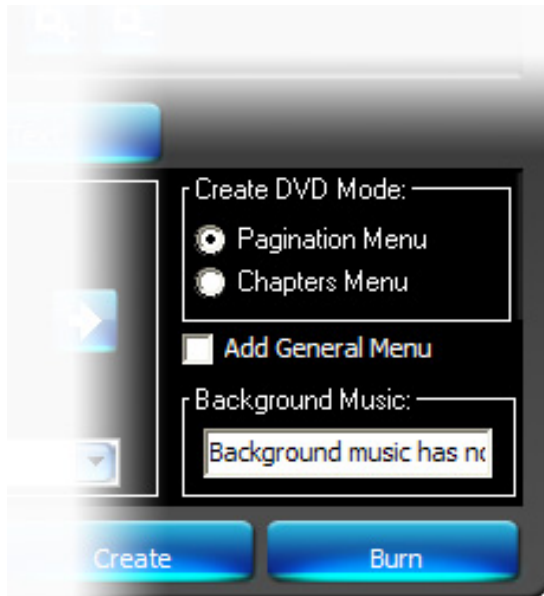
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Function Preview

1. Interface:



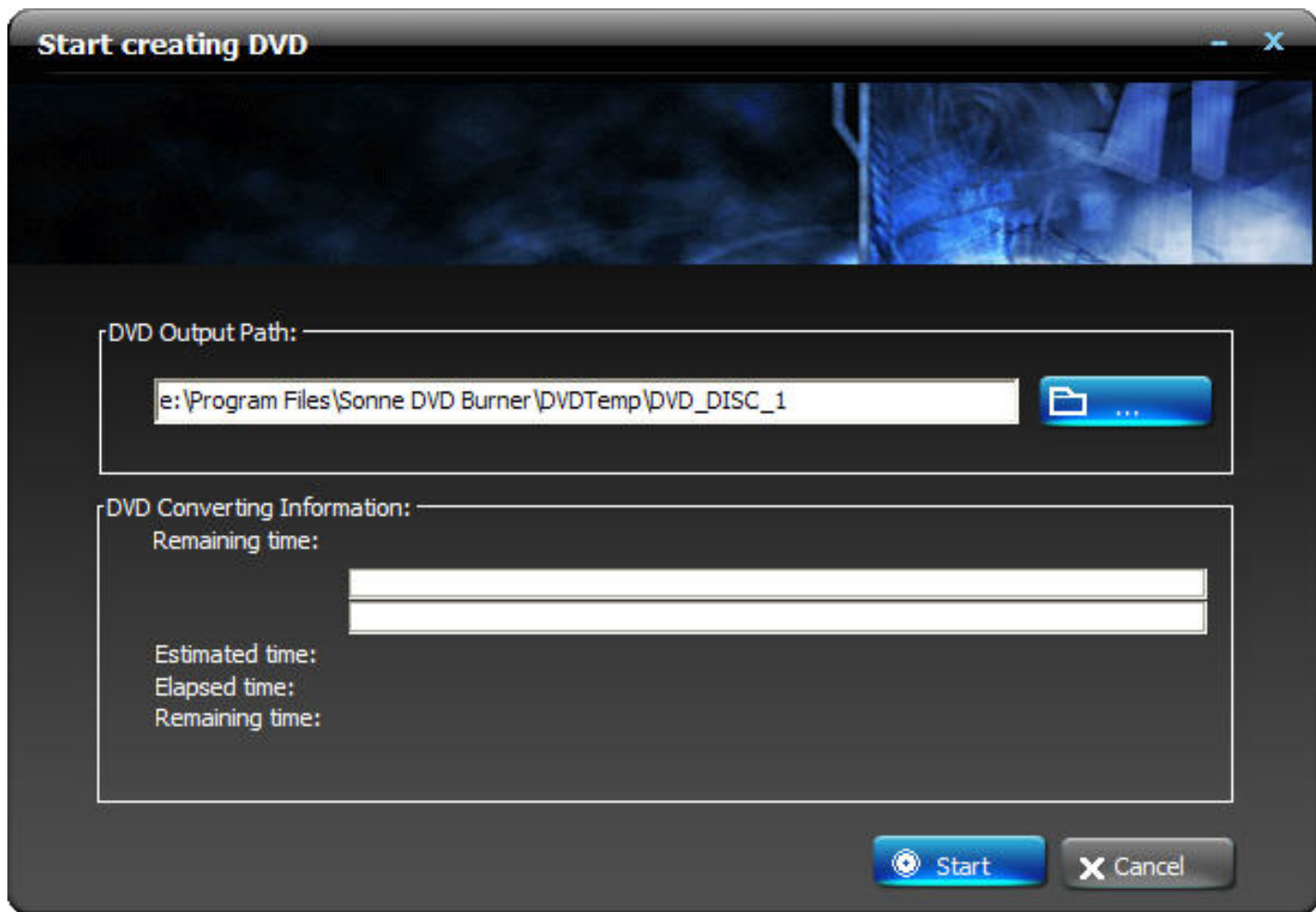
Know more about the popup menu in interface, please refer to [Buttons in DVD Creator](#). Know more about the buttons in the interface, please refer to [Popup menu in interface](#).



- **Pagination Menu:** A DVD menu, which can set up many pages help users to add more video link menus, and each menu correspond with a hyperlink of video.
- **Chapters Menu:** Set up a DVD menu, which can be played by chapters. This can help users add title menu at index page, and each title menu links a chapter video.
- **Add General Menu:** Add a main menu when played DVD.
- **Background Music:** Show the added DVD's background file name.

2. Create:

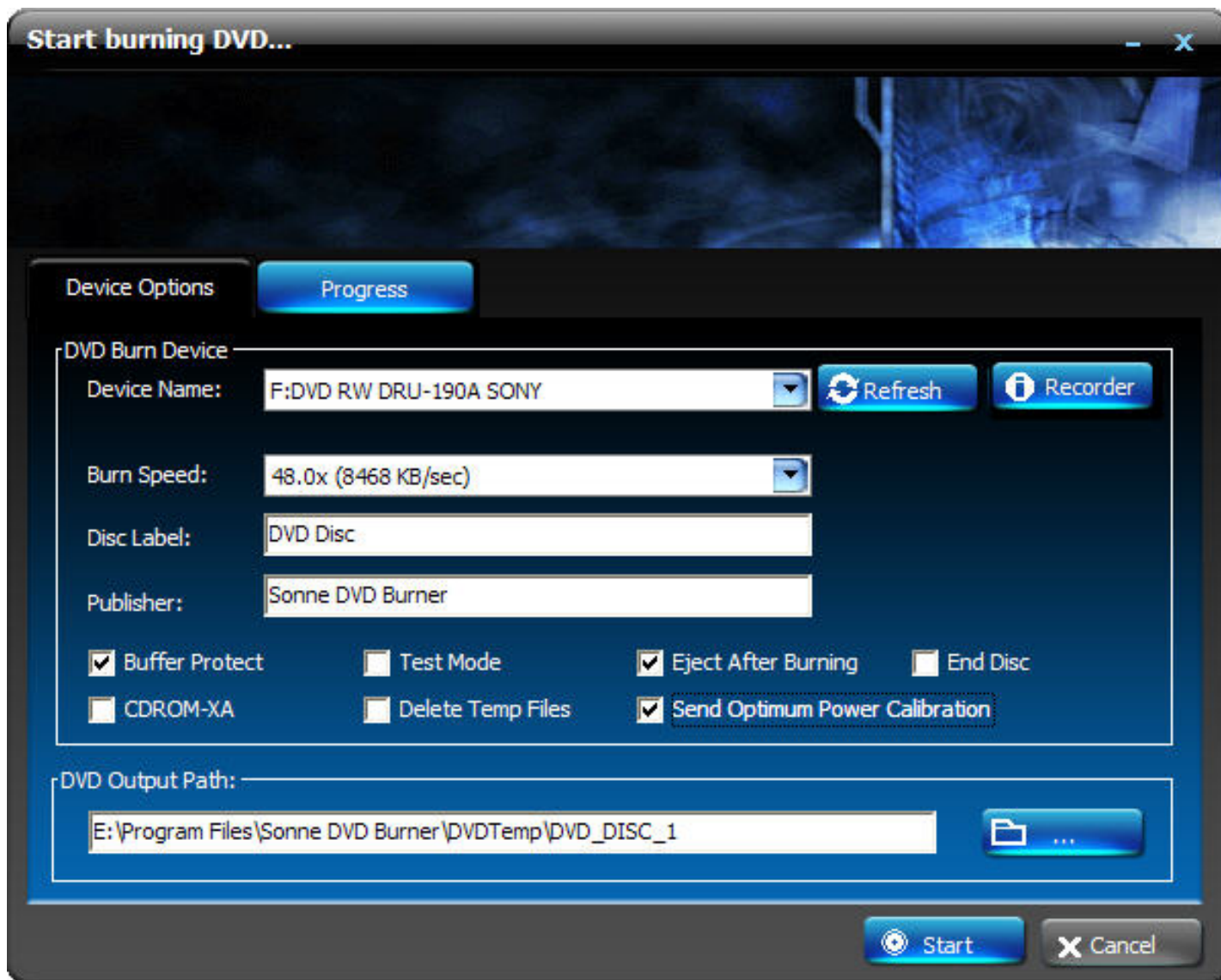
The following configuration options are available after clicking "Create" button:




- **DVD Output Path:** Define the saving place of created file.
- **DVD Converting Information:** Show the process of conversion, such as remaining time, elapsed time and estimated time.

3. Burn:

The following configuration options are available after clicking "Burn" button:



- **Device Name:** Define the device from drop-down list.
- **Burn Speed:** Define the burning speed.
-  This mode only available for the supported recorder.
- **Disc Label:** Define the label for disc.
- **Publisher:** Define the publisher for disc.
- **Buffer Protect:** Tick to prevent data errors, and avoid to burn a bad disc.
- **End Disc:** Close disc after burning (Once ticked, it will not burn data to disc again, even if there is still free space).
- **Test Mode:** Tick it to reduce the chance of burning a bad disc.
- **CDROM-XA:** Tick it when you are using CD-ROM XA.
- **Eject After Burning:** Eject disc after burning.
- **Delete Temp Files:** Tick to delete temp files after finishing burning.
- **Send Optimum Power Calibration:** Tick to identify the most suitable burning power for the disc.





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Sonne DVD Creator Interface

Sonne DVD Burner can let you directly create DVD from other video files, this function gives the user an easy way to organize source video, add texts, setup DVD menu, and then produce a DVD-Folder and burn it to DVD disc. You will like its strong ability to burn DVDs without the hassle found in many other software.



 **Function Preview:** List the function of these buttons in this interface. See [overview at this part](#)











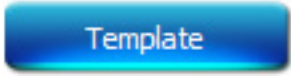

 **Step by step:** Just few steps can finish creating. See [step-by-step instructions at this part](#)

















Sonne DVD Creator

Buttons in DVD Creator

This interface contains lots of powerful operations to create your own DVD. At this part, users can understand what are those used for, and then can operate them exactly.

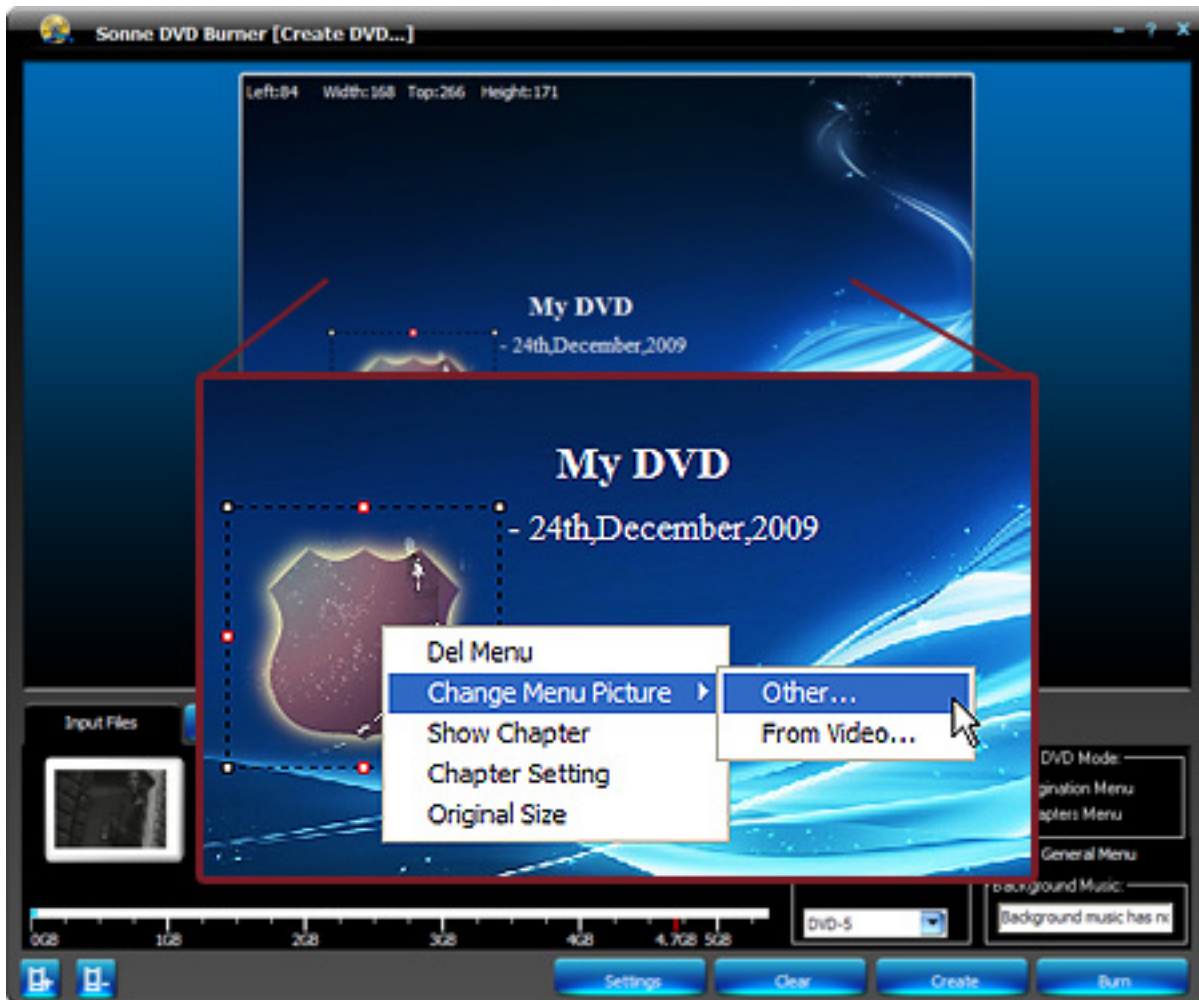
	Add a menu link to the current page for the selected files
	Delete the current selected menu
	Add a text to the current page
	Delete the selected text
	Add background music for the DVD
	Delete background music for the DVD
	Adjust the video scale of DVD files
	Add a page menu
	Delete the current page and all its parameters
	Show the need-to-burn file list
	Select a template for the DVD
	Select a background for the DVD

	Select a frame for the selected video menu
	Select a desired page button for the DVD
	Add texts for the DVD
	Add a video file for burning DVD
	Delete the selected file
	Move the selected file to the front
	Move the selected file to the back
	Settings for the video files
	Delete all video files and data
	Create a DVD folder
	Start burning DVD
	Separate a file into many small chapters. Only appeared in the windows of "Chapter Menu".
	Show all added files' main chapter. Only appeared in the windows of "Chapter Menu".
	Show selected file's separated chapters. Only appeared in the windows of "Chapter Menu".

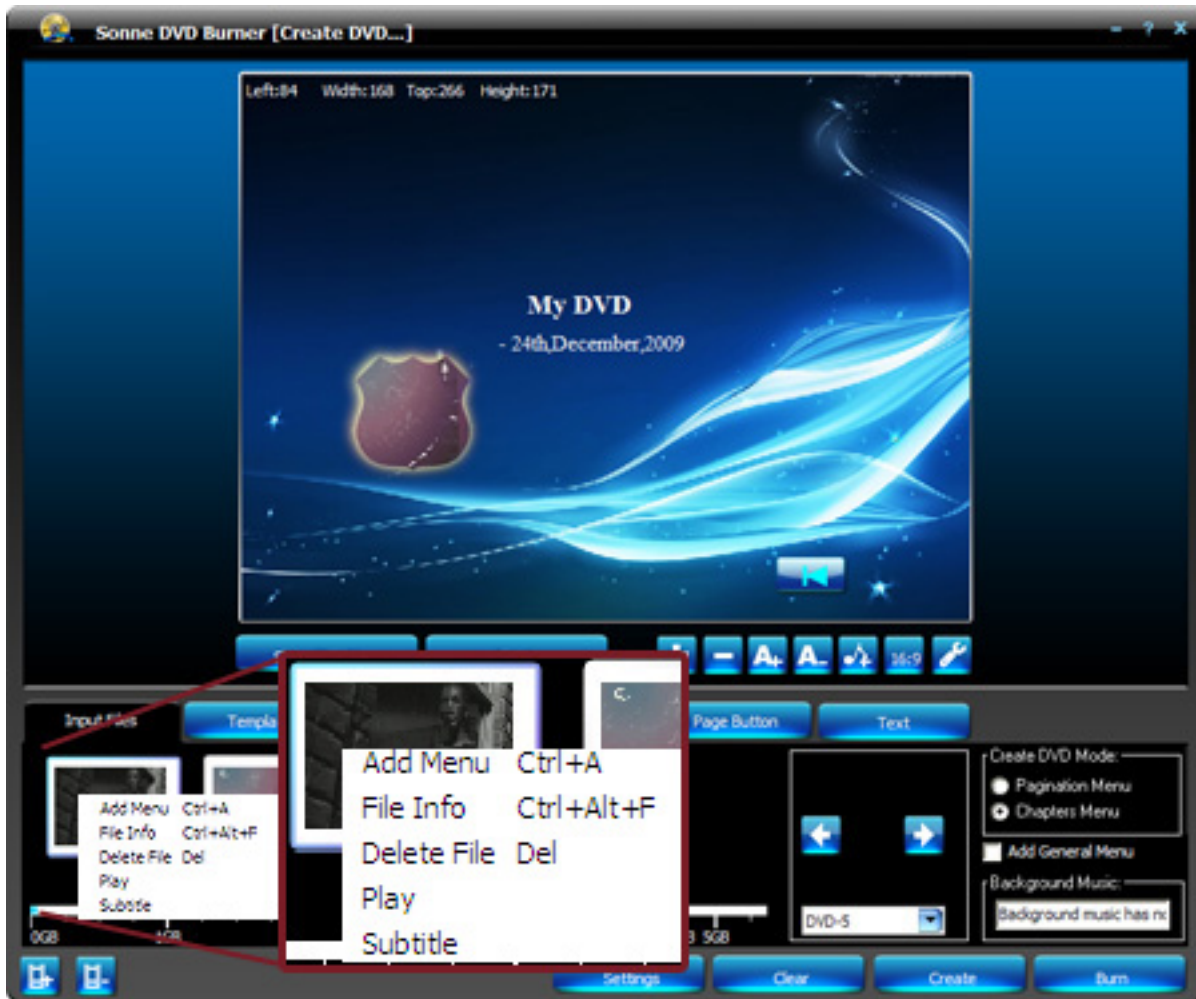


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Popup menu in interface



- **Del Menu:** Delete the current selected menu.
- **Change Menu Picture:** Change the selected menu's fill-in image.
 - Other:** Get images from computer.
 - From Video:** Snap images from current video file.
- **Show Chapter:** Show selected file's separated chapters. Only appeared in the windows of "Chapter Menu".
- **Chapter Setting:** Separate a file into many small chapters. Only appeared in the windows of "Chapter Menu".
- **Original:** Back to the default state.



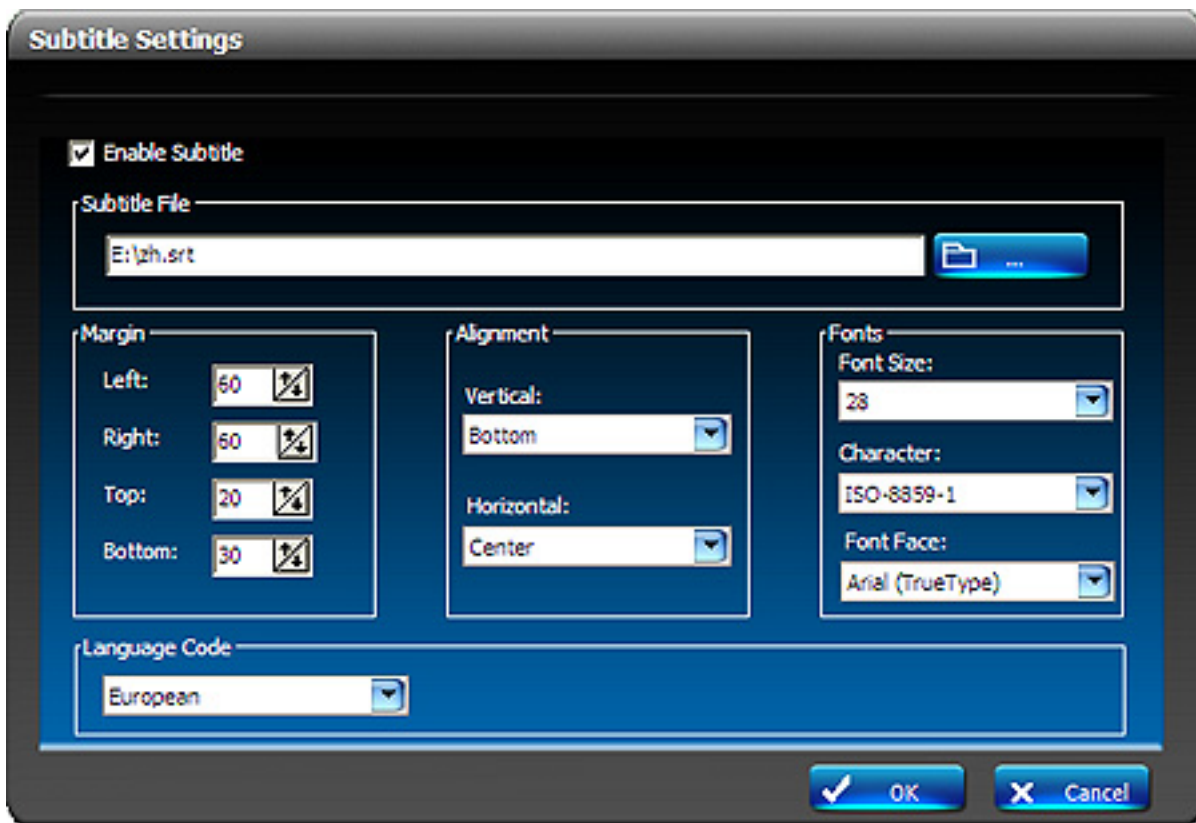
- **Add Menu:** Add a title menu.
- **File Info:** Show the current video file's information.
- **Delete File:** Delete this file.
- **Play:** Play this video file.
- **Subtitle:** Add subtitle files with different languages to DVD.



This function is depend on the users' video format decoder. If users don't have any decoder support video format, this video files can not be played and snapped.

How to add subtitle files

Step 1: Click "Subtitle" button to open subtitle adding window.



Step 2: Add and set subtitle file.

Enable Subtitle: Tick the box to enable subtitle.



Subtitle File: Click  button to add subtitle(*.srt) file.

Margin: Define the margin.

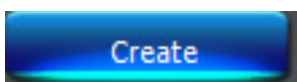
Alignment: Text's position is aligned on the screen.

Language Code: Choose subtitle language. (Attention: If the subtitle language do not match the *.srt files language, your DVD Will show odd code in subtitle area.)

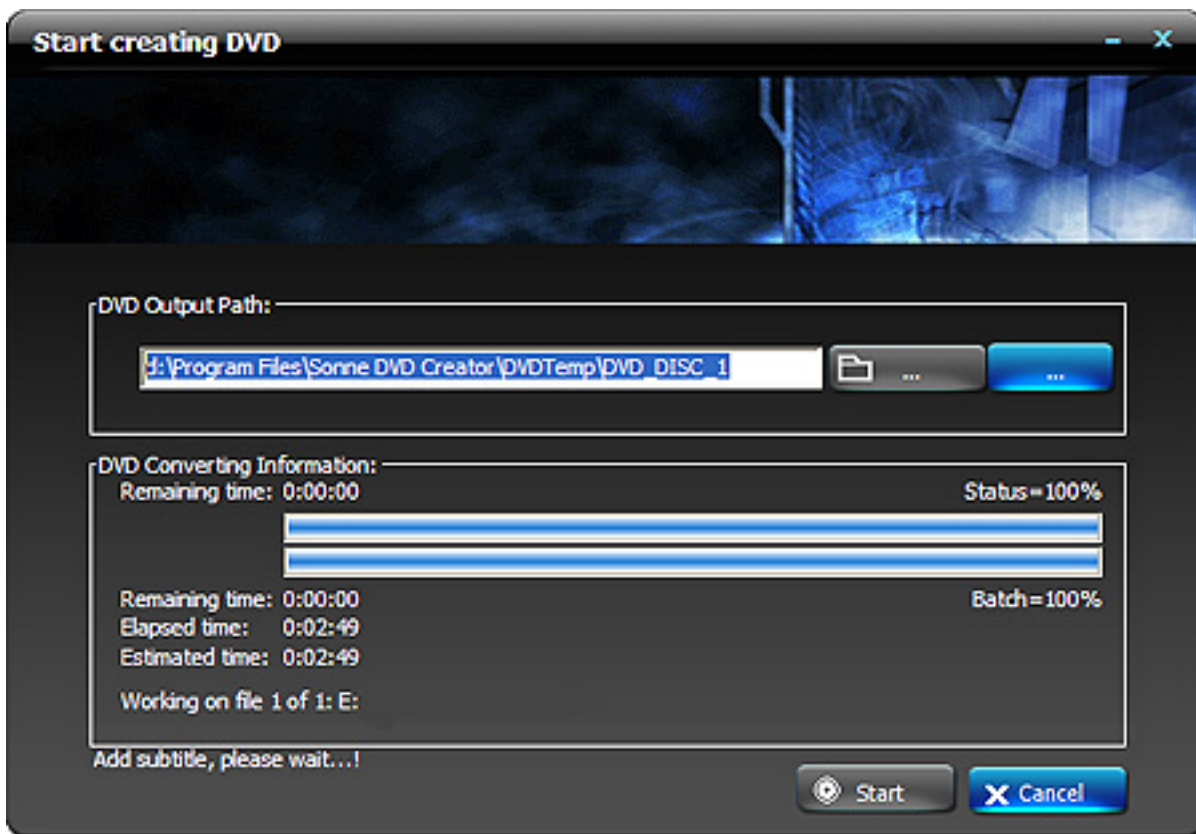
Fonts: Select the font size of subtitle. (Attention: If the subtitle fonts do not match the *.srt files fonts, your DVD Will show odd code in subtitle area.)

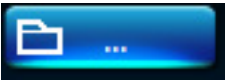

Character: Every language has character set. (Such as: Chinese=EUC-CN; English=ISO-8859-1; French=ISO-8859-1; German=ISO-8859-1; Italian=ISO-8859-1; Japanese=EUC-JP; Korean=EUC-KR; Portuguese=ISO-8859-1; Russian=ISO-8859-1; Spanish=ISO-8859-1; Thai=TIS-620; Greek=ISO-8859-7)

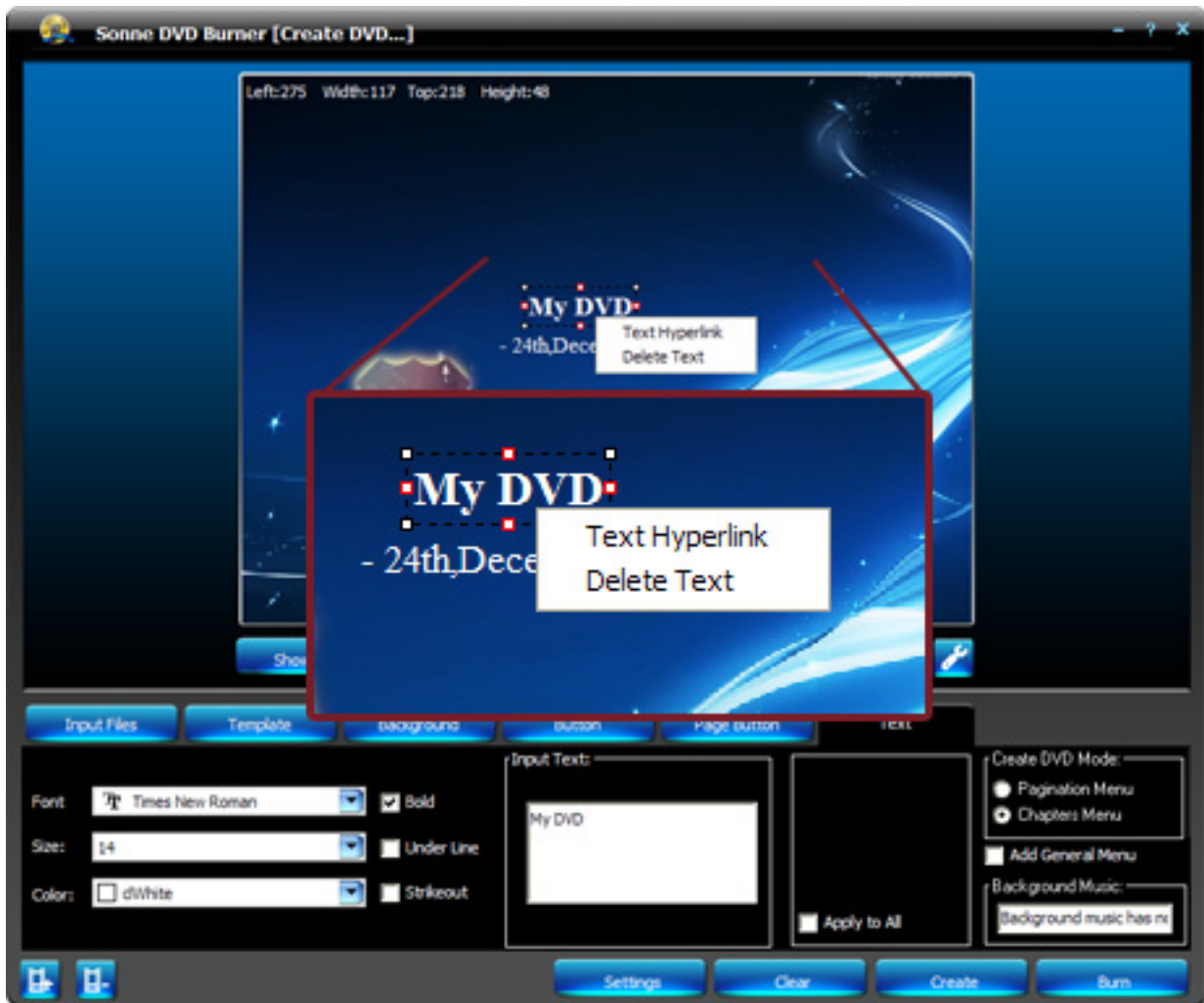
Step 3: Click "OK"button to save subtitle settings.



Step 4: Click  button to open output setting window.



Step 5: Click  button to select a folder to save target DVD file, and then click  button to create DVD with subtitle.

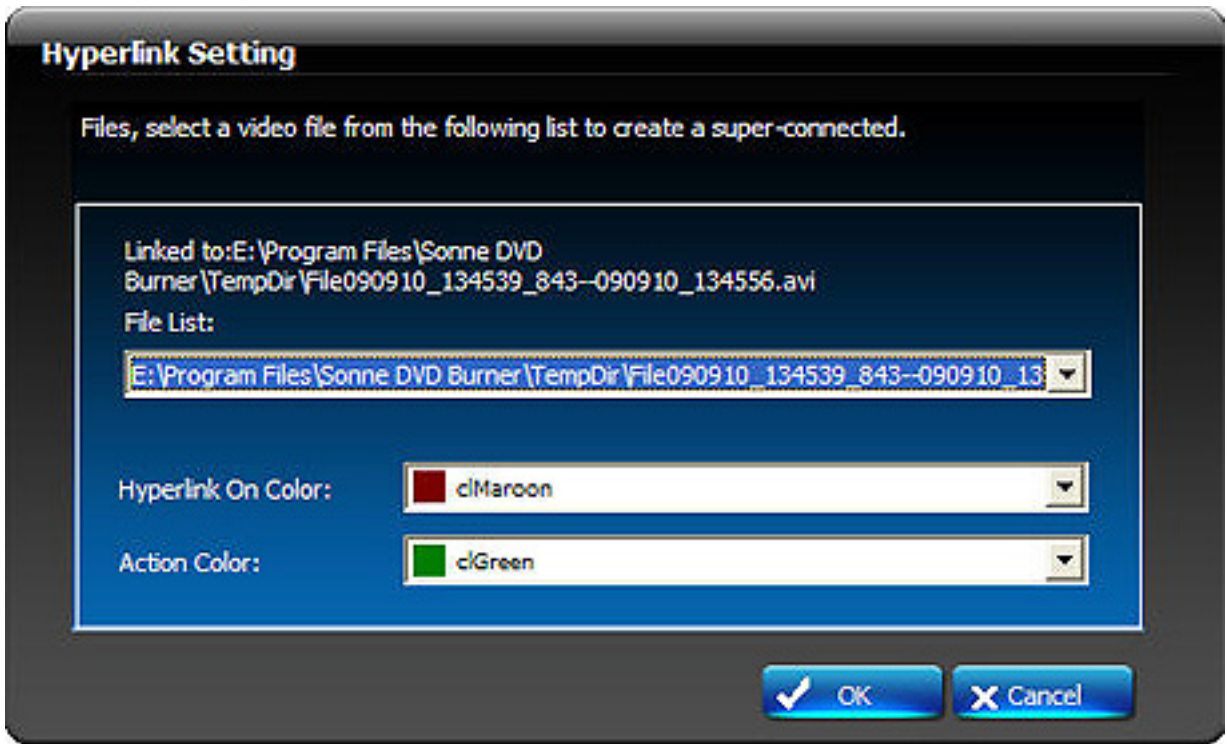


- **Text Hyperlink:** Set up a hyperlink for the text. This hyperlink video can be selected from "Temporary Path".
- **Delete Text:** Delete this selected text.



After clicking "Text Hyperlink", the following will popup:

- **File List:** Link to file list(added by users), when users select "No Hyperlink", the current hyperlink are canceled or no hyperlink at all.
- **Hyperlink On Color:** Select the color of underline when mouse hover it.
- **Action Color:** Select the color of underline when mouse click it.




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Steps by Steps:


Run **Sonne DVD Burner** -> choose **DVD Creator**



 *Know more about the buttons and menu functions of main screen, you can refer to [Function Preview](#).*



Step 1: Define the desired DVD mode as pagination menu or chapters menu.


Step 2: Define a template for your DVD from the template list.



Step 3: Input video files with  button.

3.1. Delete video files with  button.


3.2. You can also arrange the sequence of the videos with  button and  button arrows.


3.3. Add a text with  button or delete a text with  button to current page.

3.4. Add background music with  button.

3.5. Add a page menu with  button or delete a page menu with  button. (This only available for **Pagination Menu**)

3.6. Define the video scale of DVD files with  button.

Step 4: Click  button, a dialog will pop up. You can define the DVD Output Path as your like. Start the process with "Start" button.

Step 5: Click  button to burn the newly created DVD-folder or others, relative settings interface will pop up. Please refer to [Function Preview](#).

Step 6: Click "Start" to start burning.

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Shortcut Key

Operation	Shortcut Key
Adjust the location of the menu buttons	↑ ↓ ← →
Adjust the size of a single button	Ctrl+↑ Ctrl+↓ Ctrl+← Ctrl+→
Delete files, menu buttons and text	Delete
Add files	Ctrl+ F
Display the main menu page	Ctrl+ T
Display the chapter menu	Ctrl+ C

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DVD VCD SVCD Specification

VCD specification	DVD specification	SVCD specification
NTSC: Horizontal width: 720 Vertical height: 480 Frames per second: 29.97 Color depth: 24 or 32 bits PAL: Horizontal width: 720 Vertical height: 576 Frames per second: 25 Color depth: 24 or 32 bits	NTSC: Horizontal width: 352 Vertical height: 240 Frames per second: 29.97 Color depth: 24 or 32 bits PAL: Horizontal width: 352 Vertical height: 288 Frames per second: 25 Color depth: 24 or 32 bits	NTSC: Horizontal width: 480 Vertical height: 480 Frames per second: 29.97 Color depth: 24 or 32 bits PAL: Horizontal width: 480 Vertical height: 576 Frames per second: 25 Color depth: 24 or 32 bits

The DVD sizes can be a bit confusing. There are basically 4 different DVD Sizes,

DVD-5, holds around 4 700 000 000 bytes and that is 4.37 computer GB where 1 kbyte is 1024 bytes* . DVD+R/DVD+RW and DVD-R/DVD-RW supports this format. Also called Single Sided Single Layered. This is the most common DVD Media, often called 4.7 GB Media.

DVD-10, holds around 9 400 000 000 bytes and that is 8.75 computer GB. DVD+R/ DVD+RW and DVD-R/DVD-RW supports this format. Also called Double Sided Single

Layered.

DVD-9, holds around 8 540 000 000 bytes and that is 7.95 computer GB. DVD+R supports this format. Also called Single Sided Dual Layered. This media is called DVD +R9, DVD+R DL or 8.5 GB Media.

DVD-18, holds around 17 080 000 000 bytes and that is 15.9 computer GB. DVD+R supports this format. Also called Double Sided Dual Layered.

DVD+R/DVD+RW/DVD+R DL and DVD-R/DVD-RW exact sizes

DVD-R/DVD-RW = 4 706 074 624 bytes (4488 MB)

DVD+R/DVD+RW = 4 700 372 992 bytes (4482 MB)

DVD+R DL = 8 547 993 600 bytes (8152 MB)

Folder	Files	Explanation
AUDIO_TS	(undefined)	DVD Audio
VIDEO_TS	VIDEO_TS. BUP	
	VIDEO_TS. IFO	The first video play item, IFO , usually a copyright notice or a menu
	VIDEO_TS. VOB	The first video play item, VOB
	VTS_01_0. BUP	
	VTS_01_0. IFO	Title 01, IFO , usually the main movie
	VTS_01_0. VOB	Title 01, VOB 0, the menu for this title
	VTS_01_1. VOB	Title 01, VOB 1, the video for this title
	VTS_01_2. VOB	Title 01, VOB 2 , if larger than 1 GB it will be splitted into several vobs
	VTS_01_3. VOB	Title 01, VOB 3
	VTS_01_4. VOB	Title 01, VOB 4 , up to 10(0-9) VOB files if necessary
	VTS_02_0. BUP	

VTS_02_0. IFO	Title 02, IFO , usually movie extras
VTS_02_0. VOB	Title 02, VOB 0 , the menu for this title
VTS_02_1. VOB	Title 02, VOB 1 , the video for this title
VTS_xx_x. BUP	
VTS_xx_x. IFO	And so on
VTS_xx_x. VOB	
VTS_xx_x. VOB	
VTS_99_9. VOB	Up to 99(1-99) titles with max 10(0-9) VOB files each

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Glossary

AAC

Also called MPEG-4 AAC, this audio codec is the continuation of the MP3 codec created by Fraunhofer-Gesellschaft. Due to advances in the technology, AAC files encoded at a 96 kbps bit rate sound slightly better than MP3s encoded at 128 kbps.

AVI

AVI is acronym of "Audio Video Interleave", the original Microsoft file format for Microsoft's Video for Windows standard. It is an audio video standard designed by Microsoft and is apparently proprietary and Microsoft Windows specific. It is a format developed for storing video and audio information. Files in this format have an .AVI extension. However, Video for Windows does not require any special hardware, making it the lowest common denominator for multimedia applications.

Video Compact Disc (VCD) is a special version of a CD-ROM that uses the MPEG-1 format. The quality of the exported movie is almost the same, but usually better than VHS tape-based movies. A VCD can be played back on a CD-ROM drive, VCD player, and even on a DVD player.

Bit rate

Bit rate very often used when speaking of video or audio quality and file size -- defines how much physical space one second of audio or video takes in bits (note: not in bytes). The higher the bit rate, the more times per second the original sound is sampled, thus yielding a more faithful reproduction and better sound. When choosing an MP3, weigh the advantage of a higher bit rate against the size of the file. Generally speaking, a bit rate of 128 kbps or higher will provide satisfactory sound quality.

ASF

Advanced Streaming Format (formerly Active Streaming Format). A Microsoft file and data stream format for multimedia data including audio, video, still images, and other data types. Also referred to as Windows Media format.

Codec

An abbreviation for compressor/decompressor. Software or hardware used to compress and

decompress digital media.

CD

Compact Disc-Read Only Memory: a standard for compact disc to be used as a digital memory medium for personal computers. The 4.75in laser-encoded optical memory storage medium can hold about 650MB of data, sound, and limited stills and motion video. A CD-ROM player will typically play CD-DA discs, but a CD-DA player will not play CD-ROMs

DVD

DVD stands for Digital Video Disc. A standard VCD records video data in MPEG-1 format. On the other hand, a standard DVD records video data in MPEG-2 format. A DVD player or a computer equipped with a DVD drive is required to play DVDs. Almost all DVD players also play VCDs.

A DVD is a very high-density optical storage medium. It is able to hold significantly more data as compared to VCDs. A typical 2½-hour movie requires two VCDs. The same movie requires only one DVD. Moreover, the recorded movie itself has twice as better quality and resolution as compared to VCDs. This is because a DVD movie records video data in the MPEG-2 format.

DVDs are fast gaining popularity with its high-quality videos and high-storage capability. However, DVD recording medium, DVD players and DVD drives are still relatively expensive.

WMV

Windows Media Video (WMV) is a generic name for the set of proprietary streaming video technologies developed by Microsoft. It is part of the Windows Media framework.

Frame rate

The number of video frames displayed per second. Higher frame rates generally produce smoother movement in the picture.

MPEG

MPEG stands for 'Moving Pictures Experts Groups'. It is a group working under the directives of the International Standards Organization (ISO) and the International Electro-Technical Commission (IEC). MPEG is a committee of experts from the audio, video and computer industries developing an evolving series of standards for compression of moving images.

MPEG-1 defines a framework for encoding moving video and audio, significantly reducing the amount of storage with minimal perceived difference (difference that humans can detect) in quality. MPEG-1 video compression method tries to use previous frame's information in order to reduce the amount of information the current frame requires. In addition, the audio encoding uses something called psychoacoustics - compression removes the high and low frequencies a normal human ear

cannot hear.

MPEG-2 is not a successor to MPEG-1, but an addition instead - both of these formats have their own purposes. MPEG-1 is a relatively low-resolution format currently used in VCD and the World Wide Web for short animated files. The MPEG-2 is a much higher resolution format developed for digital television and used in DVD.

MPEG-4 unlike MPEG-1 and MPEG-2, MPEG-4 itself isn't just one unified encoding mechanism, but rather a group name for several flavors of video and audio encoding methods that share certain same characteristics. These "flavors" are often referred either as "profiles" or "layers" in MPEG-4 compression scheme and each new profile should be backwards compliant to the older, "lower" versions of MPEG-4 in terms of playback capability.

Sample Rate

The speed at which audio samples are recorded and played back. This is analogous to video and film frame rates. Higher sample rates give higher audio quality at the expense of larger audio file size. Lower sample rates save disk space but result in poorer audio quality. Typically, 8 kHz is fine for human voice recording. Audio CDs are recorded at 44.1 kHz, and audio DATs are recorded at 32, 44.1, or 48 kHz.

MOV

MOV is a file extension found on the World Wide Web that denotes a movie or video file in QuickTime format. To play the movie after you download the file, your computer must support the QuickTime format.

QuickTime

QuickTime is a file extension designed for compressed videos or movies (like animations).

VCD

VCD stands for Video CD. Most of the stand-alone DVD players and VCD players can play VCD. VCD is still the most compatible format for video distribution. Anybody with a DVD player, VCD player or computers with CD-ROM drive (standard configuration) is able to play VCD. The video quality is better than most other formats and is sufficient for average home viewing. A VCD recording medium is very cheap and most widely available. Due to small sizes, VCD videos are also well suited for distribution.

SVCD

SVCD stands for Super Video CD. SVCD is a successor to Video CD. SVCD contains MPEG-2 video stream and MPEG-1 or MPEG-2 audio stream recorded on a normal VCD recording medium. Most of the DVD players can play SVCD discs.

An SVCD video quality is much better than VCDs and virtually the same as DVDs. Since SVCD is still restricted to 650Megs of data, the amount of discs required for a standard 2½-hour movie is more than double as compared to VCDs

Video

Video is made up of an electro-magnetic signal that that can travel through electronic devices like cables, antennas, satellite dishes and TVs. Sent from its source, video has a certain amount of information in it that makes up the video picture. However, when that signal travels through a sending device it can also pick up additional information from other electro-magnetic sources. This is what is called interference or static (for those of you who use bunny-ear antennas on your TV, you know what I mean). What makes the difference between Analog and DV video is the way the video signal is interpreted on the sending and receiving ends of all that electro-magnetic communication.

VIDEO_TS folder

It is a format of DVD folder, it include the ifo, vob and bup format file. Users can setup this VIDEO_TS folder by using DVD Creator, and the folder must be named as "VIDEO_TS", then it can be played in DVD player.

Digital Video Formats

Digital video formats are always a trade-off between size and quality. Maximum quality is only achieved by sampling at a high rate and not compressing the data. Doing this with broadcast-quality video requires about 20 MB/sec of digital data (or 1.2 GB/min). For most purposes this is an impractical amount of data, so various compression schemes are used to reduce the amount of data without noticeably reducing quality.

Video Formats

Many of us have heard of DVDs before -- but what are mini DVD, VCD, or SVCD? The reason that you may want to consider these other formats is because the costs of DVD burning and the space required over PC.

These alternative formats provide a good economical solution for distributing your movies on CD-R/RW discs that can be played on computers and many home stand-alone DVD players. Video Convert Master provides a solution to cut down the stored space, and a method of burning 2 or more different videos into one disc.

For a complete guide on the advantages, required settings and playback options of each format, please refer to the following questions.



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About Sonne Software Solution

Sonne Software Solution is an innovative, young and promising company that specializes in developing innovative video and audio solutions for end-users and professional developers. We develops a range of award-winning digital media creation that make your work with digital video and audio smooth and effective.

We always try our best to offering you the best software products and let you remain on the cutting edge of high technological advances.

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