

Video Convert Premier

Color7tech Inc.
<http://www.Color7tech.com/>

Pages Order:

Introduction	Pages 3-7
Getting Started	Pages 8-21
Step by Step	Pages 22-33
FAQs	Pages 34-42
Appendix	Pages 43-50
About Color7tech	Pages 51

Introduction



Video Convert Premier meets all your needs for DVD CD/SVCD burning and video converting. It allows you to convert and split AVI, MPEG, MPEG 1, MPEG 2, MPEG 4, VCD, DVD, SVCD, RMVB, RM, WMV, MOV, DIVX and even more formats when using **the latest version!** It is home video software to meet all your need for storing DVDs in PC or watching them in home theater. It is easy-to-use and only requires 4 steps to convert or burn video. Having integrated more user-friendly rationale in the interfaces, all the processes are fast and interesting.

We express our thanks to all these people who have contributed greatly to this software project. They are:
Kevin V, Arthur Q, Windy J, Ella H, Deane T, Michael T, Dirk W and Laurent F

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

Why Video Convert Premier

Save time

With latest technology, Video Convert Premier is outstanding both in **speed** and **visual quality**, and helps you to make a better video in less time! Work more productively with the visually intuitive storyboard interface. Follow the guided workflow to convert video files **in half the time**.

Save money

With the ability to convert a wide range of video formats. Fox Video Converter is your **one-way ticket** for formats conversion. The **powerful updates** frequently offered from Color7 **reduces the continuous investment of software updates**. Last but not least, Video Convert Premier offers **30-day money-back** guarantee if you are unsatisfied with it!

All in one tool

Do more with your digital media. Video **Convert**, **split** and **Burn** are all supported by this powerful tool.

Easy-to-use

It is easy to use and fast. With step-by-step manual, Fox Video Converter will make the task of converting video files a breeze whether you are an experienced user or just a rookie!

Only \$29.95, you get it!

BUY NOW

What you will have after purchase this product:

Full version of Video Convert Premier

The possibilities of the full version of Video Convert Premier are endless. There are no ads in the full version and you can have fun with unlimited multi-media production.

Registration Codes

After your purchase, you will receive your own registration codes and have accesses to all services from Color7.

Free Updates (Major Update Not Included)

Free online updates.

More Discount

Great benefits for our customers, such as coupons for other products from Color7. See more in [Discount Center](#).

Customer care

We are pleased to offer quick and high-quality customer care to meet your service needs.

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

How to buy Video Convert Premier

- [Why Video Convert Premier?](#)
- [What will you have after purchase?](#)
- [Is my order secure?](#)
- [Order Now](#)

You can purchase Video Convert Premier securely through the web using [ShareIt](#). It is fast, simple and secure!



Buy it for only 29.95\$ (Limited Time!) ! After simple purchase steps, you will get Video Convert Premier with all functions and powerful service!

Click the BUY NOW button below to purchase it. Then carefully fill in and submit the order form that follows.



As soon as you make your order, [ShareIt](#) will verify it. Your order will most likely be processed within 1 hour, but in some VERY rare cases it may take [ShareIt](#) more than 24 hours to process your payment.

The registration key will be automatically generated at our server and e-mailed to you immediately after we receive payment confirmation from [ShareIt](#).

Please do not worry if you haven't received the registration information right away. Delays usually occur due to the high security settings of spam filters used by our clients. Our message may be rejected as a spam message by the mail service you use.

If you haven't received the registration message in several hours, feel free to contact our [Support Team](#) via email.

If you have questions concerning our software, send e-mail to: support@color7tech.com. **We always do our best to help you!**

Why Video Convert Premier?

➤ Save time

- It is outstanding both in **speed** and **visual quality**.
- The **easy to use interface** helps you catch on to the system quickly.

➤ Save money

- It is your **one-way ticket** to video converting and creating.
- 30-day money-back** guarantee if you are not satisfied with it!

➤ All in one tool

It meets all your needs for video conversion.

➤ Easy-to-use

With step-by-step manual, enjoyable interface and **one-click process**, you will greatly enjoy your multimedia experience with Video Convert Premier.

BUY NOW

What will you have after purchase?

- **Full version of Video Convert Premier**
Fun in unlimited video converting.
- **Free Updates (Major Update Not Included)**
- **Customer care**

We are pleased to offer our care to meet your needs. We promise that any customer questions will be replied within **1** business day!

- **Coupons for Color7 products in Discount Center**

Great benefits for our customers. See more in [Color7 Discount Center](#).

BUY NOW

Is my order secure?

As we have for years, we promise the most secure purchase [ShareIt](#) and [RegNow](#), all these Color7 partners passed strict certification. We truly believe in 'Only by benefiting our customer can we benefit ourselves'. So your purchase security in Color7 is our top priority! Color7 has been involved in E-commerce for years. And through these years, we built up a secure online shopping system. Enjoy the high-speed and convenience we offer.

BUY NOW

The user interface (Overview)



1. Main Panel

Contain buttons that correspond to main functions.

2. Show Window

Show information in 'Input File', 'Output File' and 'Profile'.

3. Edit Buttons

Select and edit files for Input and Output, all information exist in Show Window.

4. Convert Button

Start video conversions after confirming Input, Output and Convert Formats.

5. Question Mark

Including several options, which are introduced in "Main Panel" .

Main Panel



1. Exit Button

Click on this button to exit from Video Convert Premier .

2. format Button

Select the desired video format or a customized format using the To Others button.

3. Burn DVD

Click this button to burn DVD from original device.

4. Buy Now

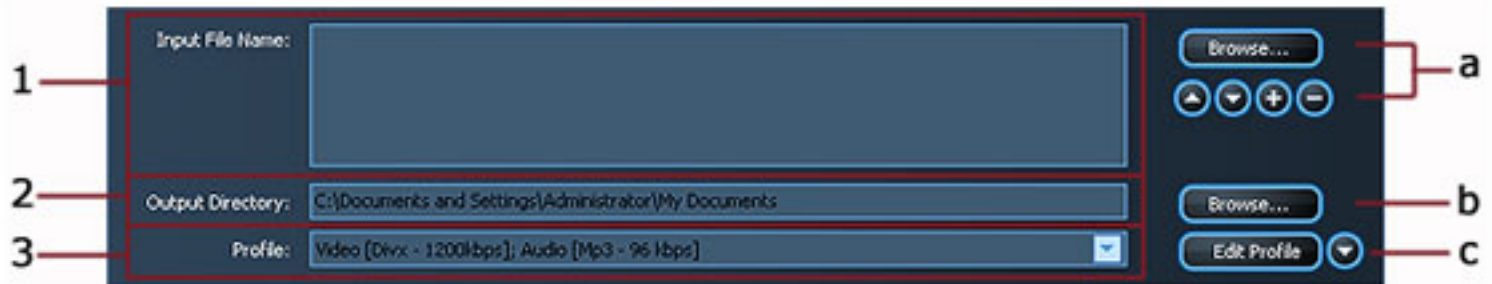
Select this button to be linked to our discount website.

5. Question Mark

Click this button to view the drop list menu:



Edit Buttons & Show Window



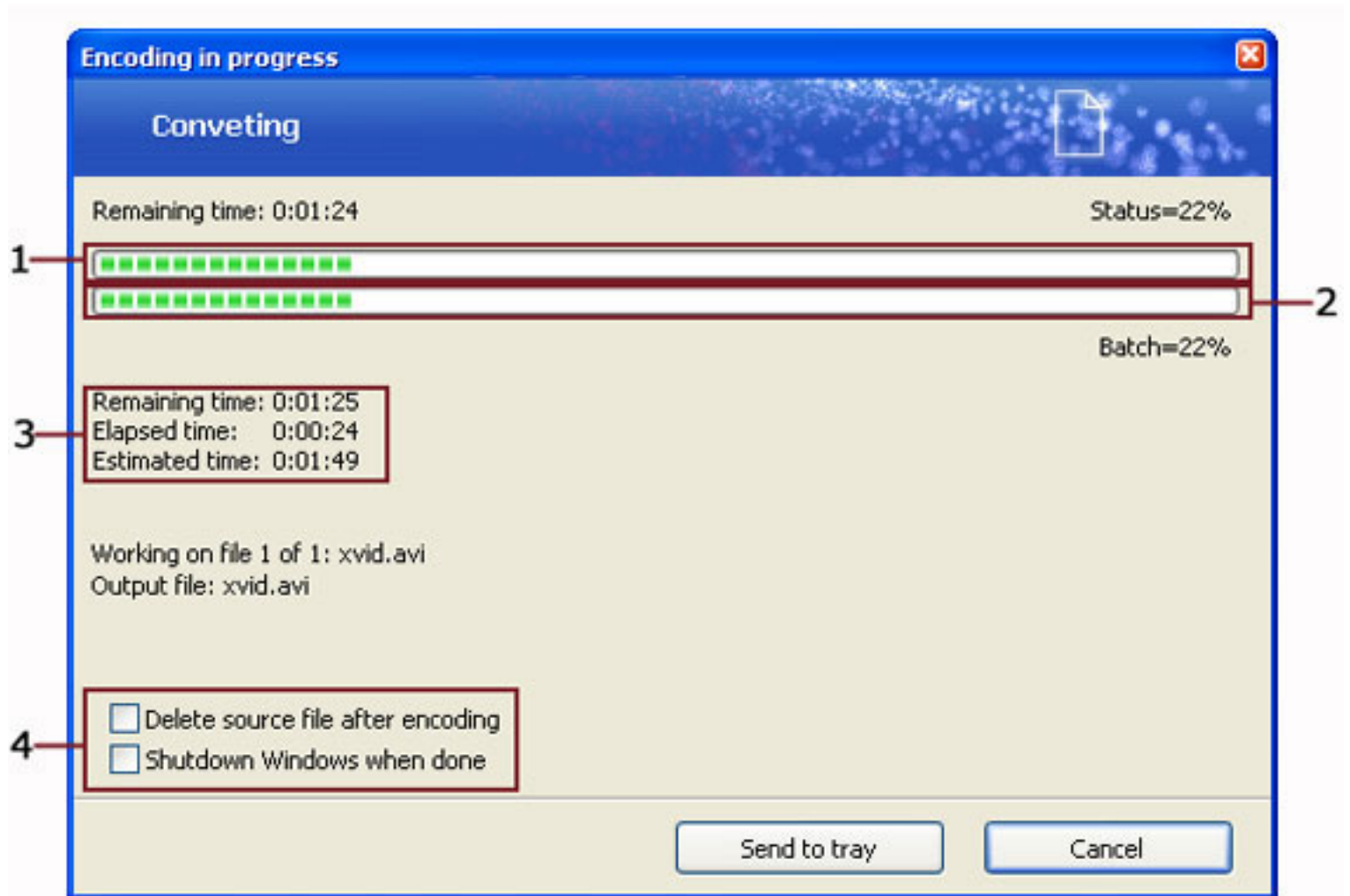
Show Window expresses the edited result of Edit Buttons.

a) After clicking on the Browse, input browse window will pop up automatically. Select the video file from the pop-up window. Video Convert Premier supports batch video converting. If several video files are selected, Video Convert Premier will automatically recognize them. Click the Button + or - to add or delete video files.

b) Click the browse to specify output directory. One or all output videos will be saved to the directory you specify. The selected result is displayed in Show Window - 2.

c) Click the button to specify the output property. You can add, delete and rename defined profiles. All the saved profiles could be reviewed in Show Window - 3.

Convert Button and Question Mark



Click the **Convert** button to view the pop up window above.

- 1) This bar shows the remaining time of converting the current file.
- 2) This bar shows the remaining time of converting all files. (If you are converting several files.)
- 3) Click the **Convert** button to view the pop up window above.
- 4) Select desired check boxes, you can delete source file after encoding and shutdown windows when it is done.

Click the **Question Mark** to view the following drop-down menu:



Select "Help Content" and "Quick Start..." to be guided by **HELP**.

Select "Languages" to switch language to English, French or German.

Select "Register..." to order this product via secure online shop.

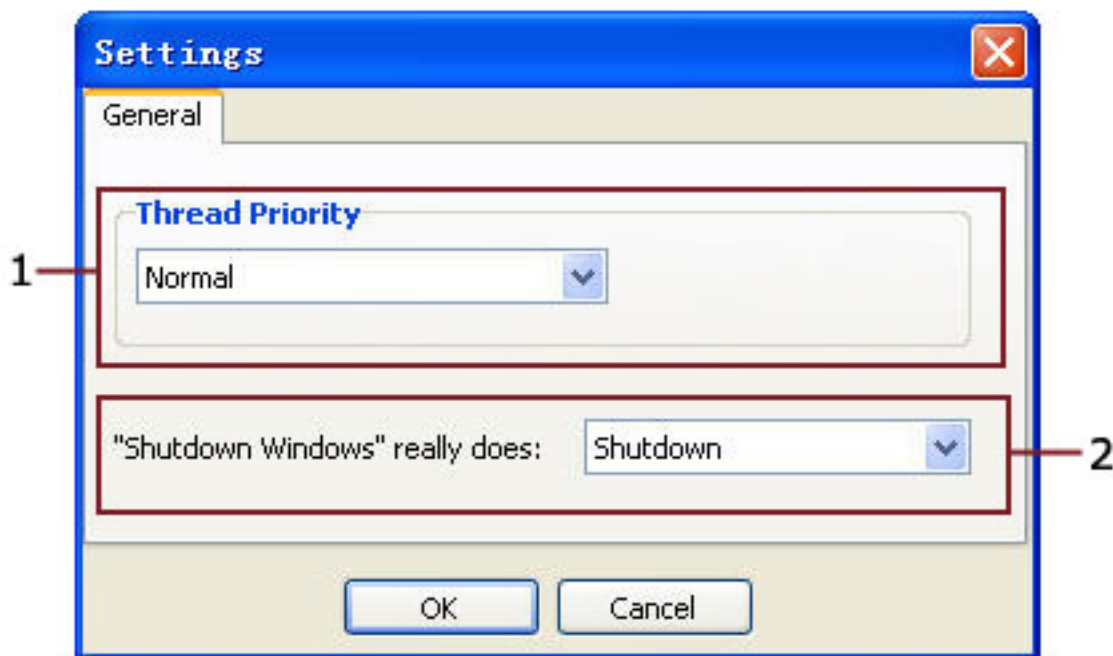
Select "Enter Serial Number..." to fill in key code provided in the email. (Only after you purchase our product)

Select "Online Resources..." to be redirected to online resources.

Select "Contact Technical Support..." to send e-mail to us with your question and suggestions.

Select "About..." to know more details about this software.

Select "Settings..." to view the window below:

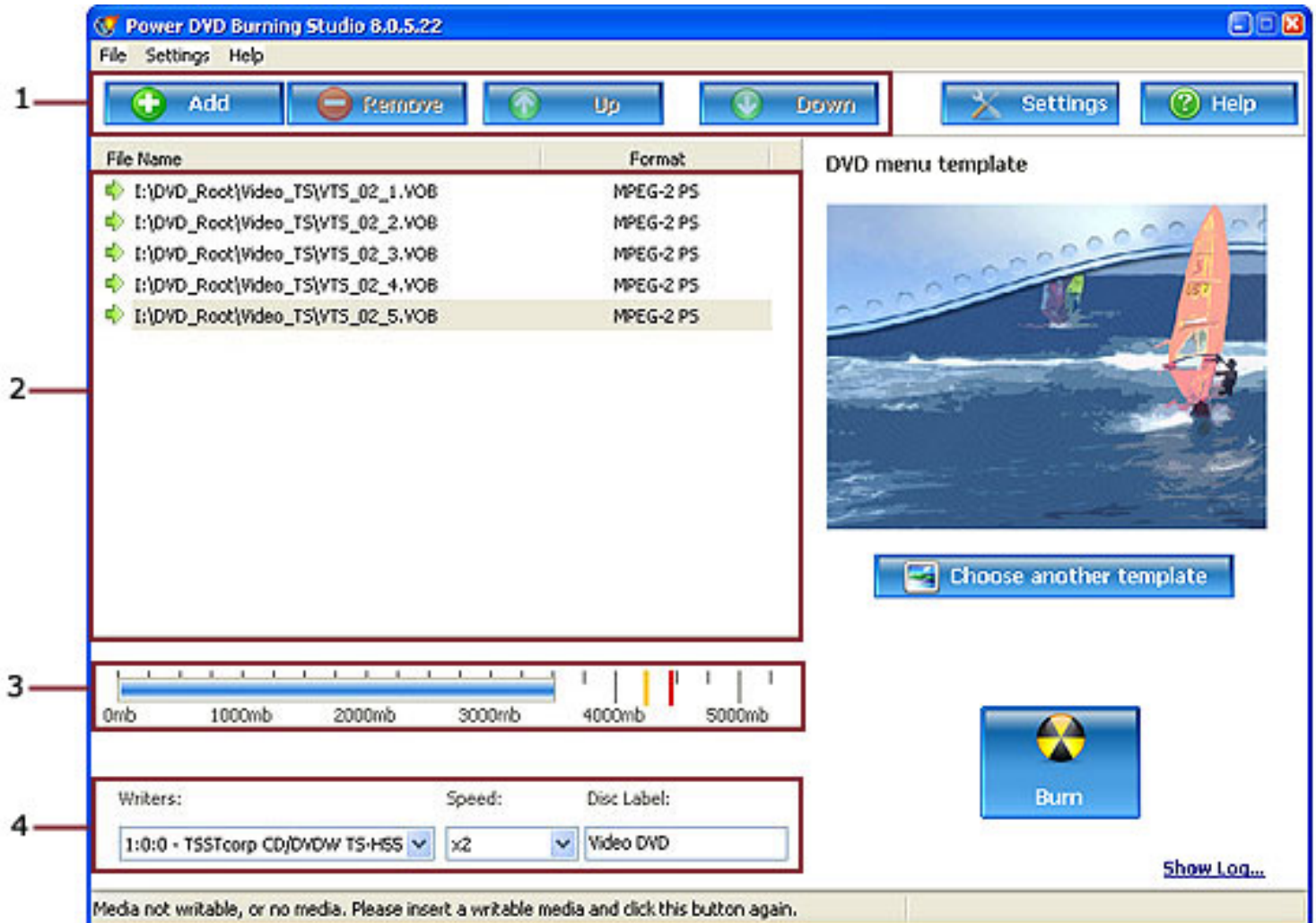


1) Adjust the usage of CPU in the drop list menu. When selecting "High" and "Real-time", your computer will be only capable of running Video Convert Premier.

2) Select in 'Shutdown Windows' an action, such as close, shutdown or log off.

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

Burn Main Window



1. Main Panel

Allows you to Add, Remove and configure input files.

2. Show Window

Show information of input files .

3. Volume Info

This bar indicates the volume information of input files.

ATTENTION: The volume of input files cannot exceed max 4483mb.

4. Other

This bar indicates the information of your CD-ROM.

Profile Editor



Profile Editor is a tool which you can set several parameters of the output files. If you need a professional video output, you can customize the output settings in "profile editor". It is highly recommended to use the default settings.

The profiles could be added/deleted/renamed by using the drop-down list on right side of the button.

Add...: Add a file to the profile Show Window. Save it before you configure codec in profile editor window, and then the added file would be existed in the profile Show Window.

Delete: Delete a file from profile Show Window.

Rename...: Rename a file from profile Show Window.

Learn more about:

[General window;](#)

[Video window;](#)

[Audio window](#)

General Setting Window

You can customize video profiles for output video by using Profile Editor. In this window, you could configure parameters: Time Control, Video Codec, Audio Codec, etc.

Description

"Description" introduces the details of the selecting profile. For instance, you can change the default "no description " into "default", then save it, and next time, "default" will be displayed in it.

Description:

No Description

Description:

Default

1. Time Control

Select the check box "Enable Time Control " to define the timeline of the converted video file. The whole video clip will be converted if you don't select the check box "Enable Time Control".

Duration=End Time - Start Time.

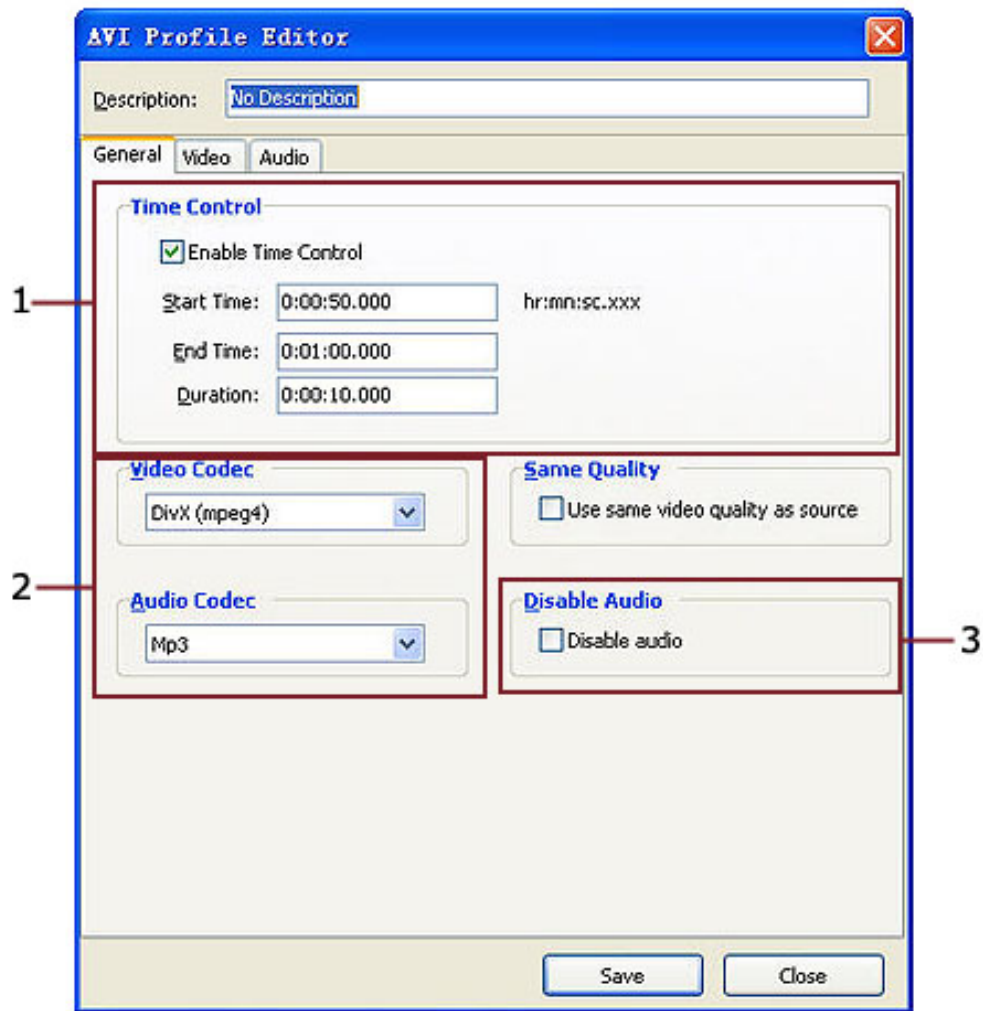
2. Codec

From the drop list, select the desired video conversion codec. The recommended **Video Codec** and **Audio Codec** can be selected from the drop list menu to for the best quality.

3. Disable Audio

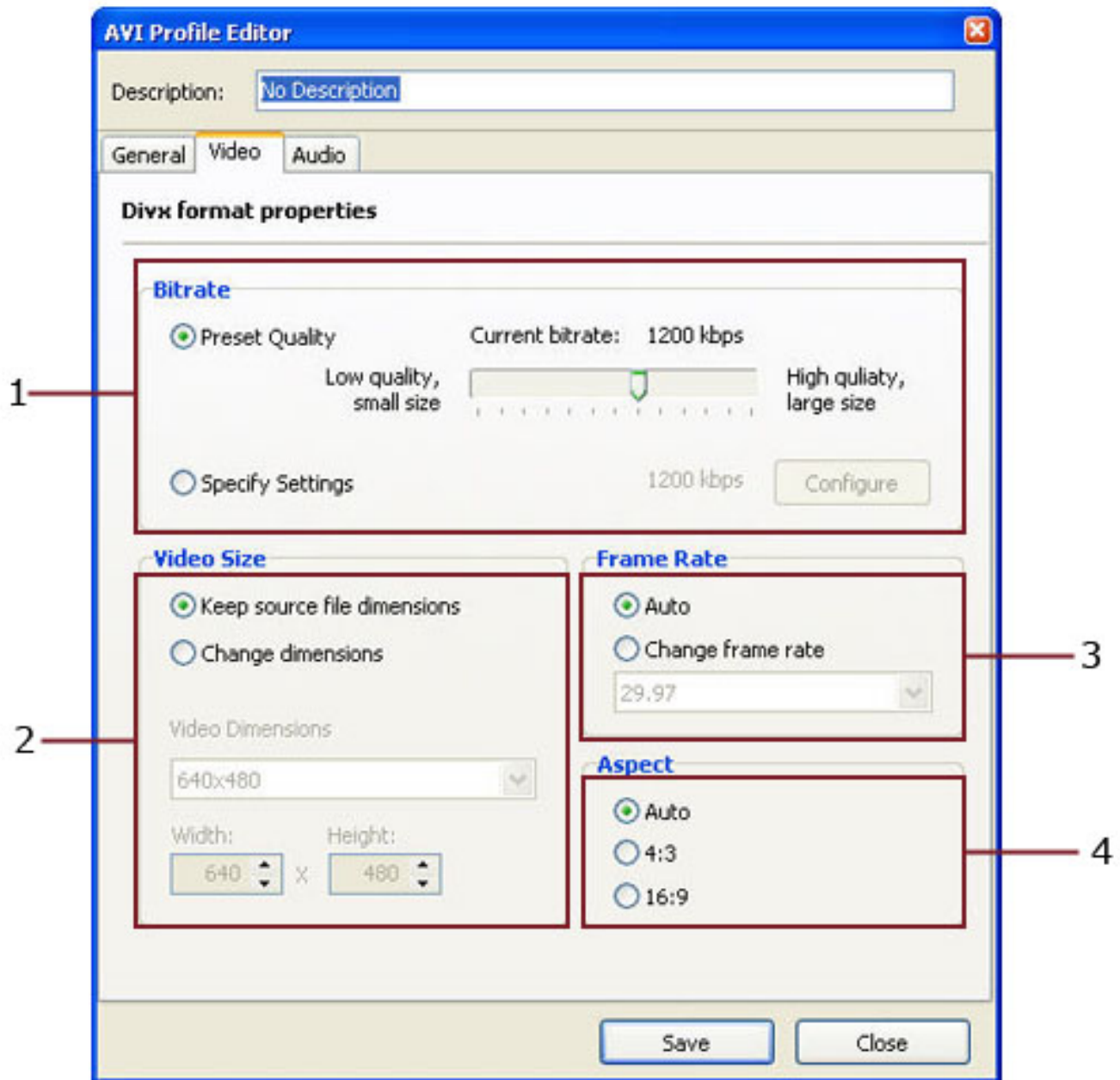
The audio will be disabled by checking this box.

ATTENTION: When default profile settings are selected, all edited settings will be deleted.



Video Setting Window

You can customize video profiles for output video by using Profile Editor. In this window, you could configure some video parameters: **Bit rate**, **Video Size**, **Frame Rate** and **Aspect**.



1. Bitrate

These advanced setting are used to adjust bit rate.

Click the check box **Preset Quality**, you could adjust bit rate by sliding the bar.

Click the check box **Specify Settings**, and then click the button **Configure** to customize video bit rate.

2. Video Size

Adjust the video size.

Click the check box **Keep source file dimensions** to select size from the drop list or click **Change dimensions** to customize size.

3. Frame Rate

Click check box, you could choose either auto frame rate or custom it by drop-down menu.

ATTENTION: Higher frame rates generally produce smoother movement in the picture at the expense of larger video file size.

4.Aspect

Select desired aspect ratio.

Audio Setting Window

You can customize video profiles for output video by using Profile Editor. In this window, you could configure some audio parameters: **Channels, Sample Rate, Bit rate**.

1.Channels

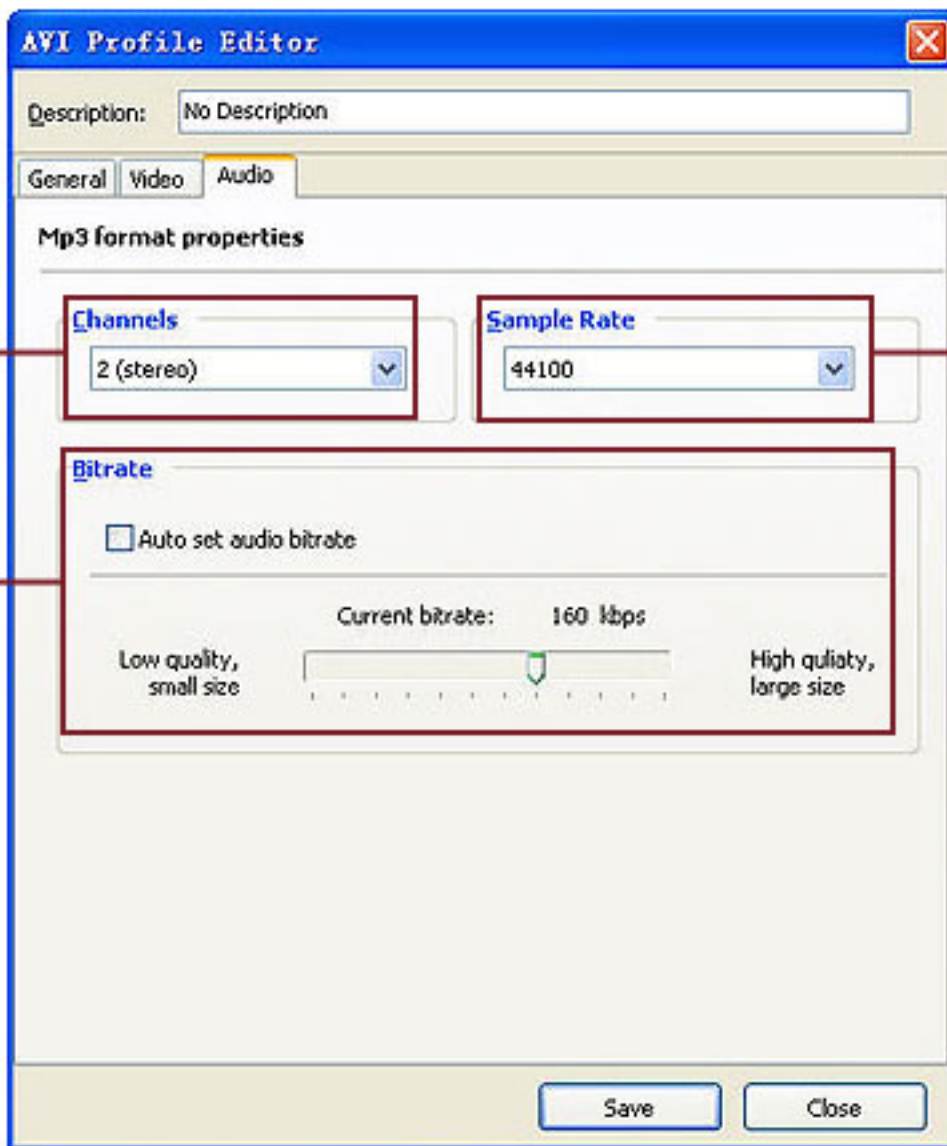
With Channels setting, you can switch audio parameters between 'Stereo' and 'Mono'..

2.Sample Rate

Sample Rate is the rate at which samples of an Analogue signal are taken to create a Digital image of that signal. 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.

3.Bit rate

Bit rate can be defined automatically according to hardware environment. You also can specify it, after canceling the check box - 'Auto set audio bit rate'. If you select higher bit rate, you will receive better sound but with more physical space one second of audio takes in bits .



To convert file to MP3

Video Convert Premier supports a wide range of formats such as AVI, MP4, 3GP, MPEG, MOV, WMV, RM, SWF, ASF, AC3, MP2, MP3..... And it can convert files between different format. Take converting to MP3 for example.

Attention: The default setting gives a best result for all formats. (Default setting recommend)



Step 1: Click the the button **To Others**. Select **To MP3**.

Step 2: Select input file and output file directory. Select the +/- button to add/delete video files. You can arrange their sequence with the Up Arrow and Down Arrow.

Step 3: Edit MP3 Profile in advanced properties of output file.

Step 4: Press **Convert** to start converting to MP3.

[MP3 General Window;](#)

[MP3 Audio Window](#)

MP3 General Setting Window

Customize video profiles for output video by using Profile Editor. In this window, you could configure some parameters: **Time Control**, **Audio Codec**, etc.

Description

"Description" introduces the detail of the selected profile editor. For instance, you can change the default "no description " into "default", then save it, and next time, "default" will be displayed in it.

Description:

No Description

Description:

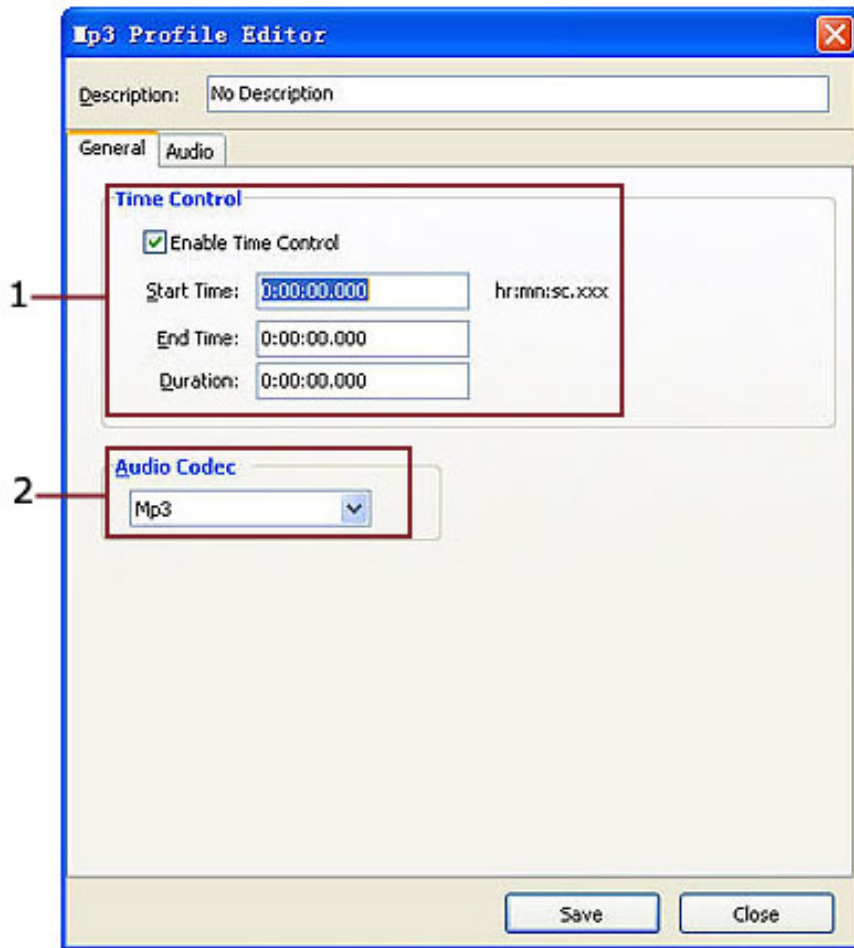
Default

1. Time Control

Select the check box "Enable Time Control " to set the time of conversion. You will convert the whole file if you don't click the check box "Enable Time Control".
Duration=End Time - Start Time;

2. Audio Codec

In the output format, you can only select Mp3.



MP3 Audio Setting Window

In addition to selecting general parameters, the settings on the MP3 Audio determine MP3 properties for output. You can configure audio parameters such as **Channels**, **Sample Rate**, **Bit rate**.

1.Channels

Choose Mono or Stereo in the Channels drop-list.

2.Sample Rate

Sample Rate is the rate at which samples of an Analogue signal are taken to create it Digitally. 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.

3.Bit rate

Adjust the bit rate or use the "auto set auto bit rate". A higher bit rate results in higher quality sound but takes up more physical space per second of audio.

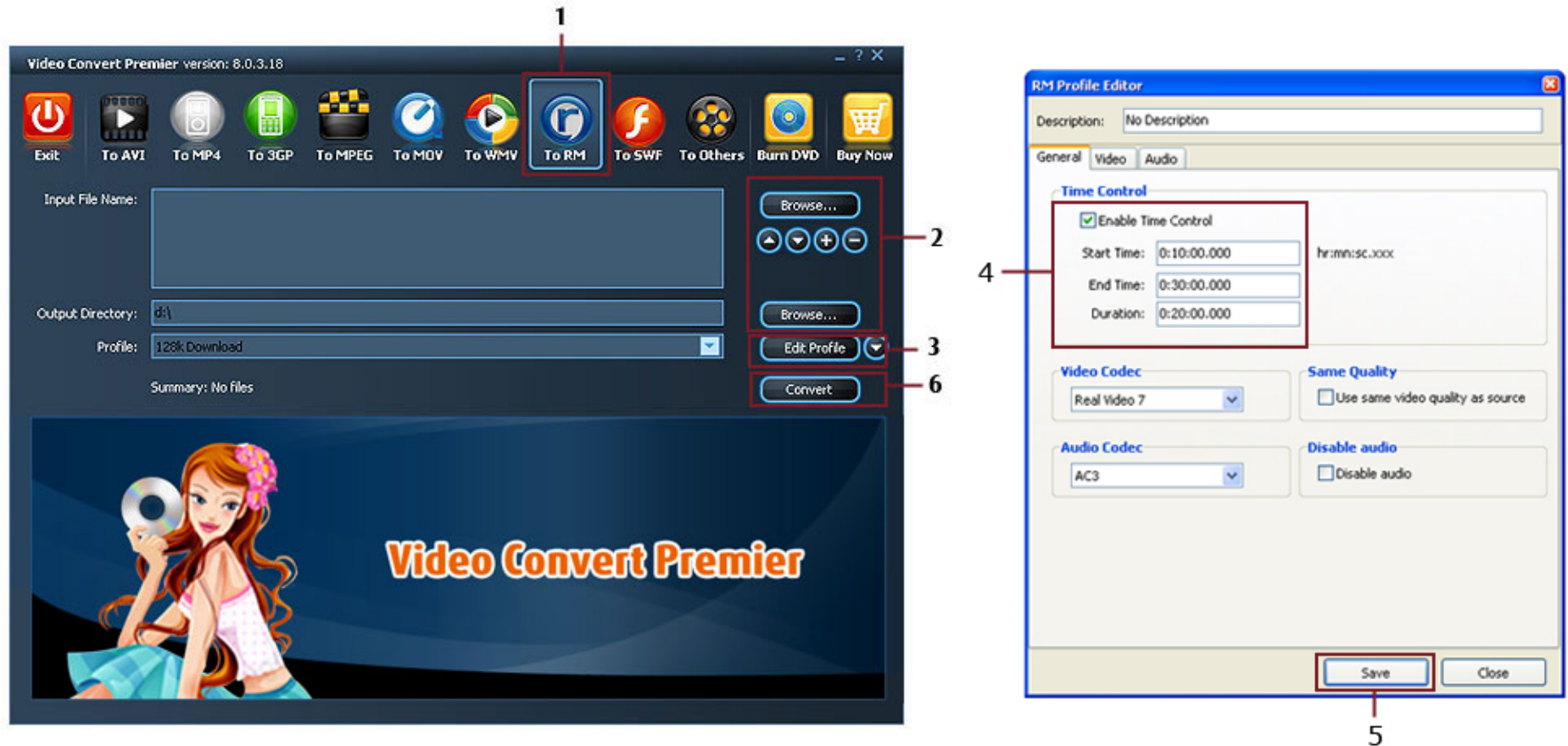


Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

To split your video

Video Convert Premier can split videos into desired size.

Attention: The default setting gives a good result for all formats. (Default setting recommend)



Step 1: Select the output file format.

Step 2: Select input file, and output file directory. Click the + and - button , you can add or delete video files. You can also arrange their sequence with the Up Arrow and Down Arrow.

Step 3: [Edit Profile](#) in advanced properties of output file.

Step 4: Click the check box "Enable Time Control" in the pop-up window, then customize the following settings:

Start Time: Indicates the time that begin to split.

End Time: Indicates the time that end to split.

Duration Time: This will be automatically changed after customize the Start Time and the End Time and the output videos will split to the size you entered.

Step 5: Click "save".

Step 6: Press "convert" to start splitting!

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

To convert your video

Video Convert Premier is a professional tool for converting video files, including DVD video, and for creating DVD video discs. This quick and easy program allows you to create a video suitable for storage, playing on your computer, uploading to a website or playing in your home DVD player.

Attention: The default settings give the best results for all formats. (Default settings recommend)



Step 1: Select the output file format.

Step 2: Select input file and output file directory.

Step 3: [Edit Profiles](#) in advanced properties of output video.

Step 4: Press Convert to start converting, and there will be a new file in you Output Directory.

Converting:

Convert different video files into one format simultaneously.

Example:

Firstly, browse your input directory and select two files with different format (use "+", "-" to add or delete other files.):
'xxx.3pg',
'xxx.avi',

Then, select the button **To MP4** ,

Finally, click **Convert**, and the two selected files will be converted into MP4 format simultaneously!

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

To burn into disc

Video Convert Premier meets your needs for DVD production. Burn and watch what you shot with your DV in your home theater.

Attention: The default settings give the best results for all formats. (Default value recommend)

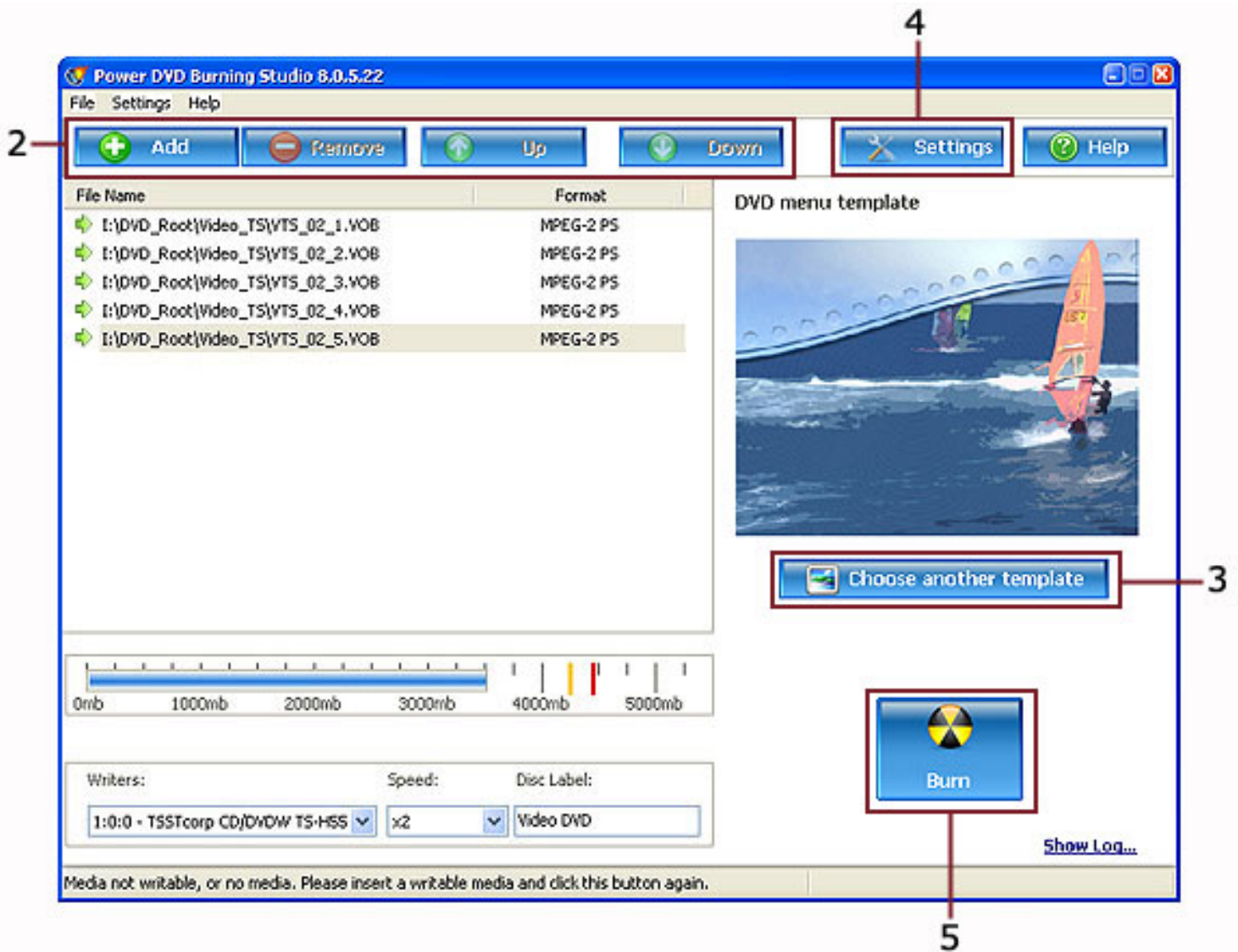
Step 1: Select the button **Burn DVD**.



Step 2: Click the button **Add** to add input file or click button **Delete** to delete video files.

Arrange their sequence with the Up Arrow and Down Arrow.

ATTENTION: You can only add one file at a time when using the trial version.



Step 3 :Select template.

Step 4:Click the **setting** button to customize the following settings in the pop-up window.

A) Video format is used to set television and video standard.

Americans please select **NTSC**;

Europeans please select **PAL**.

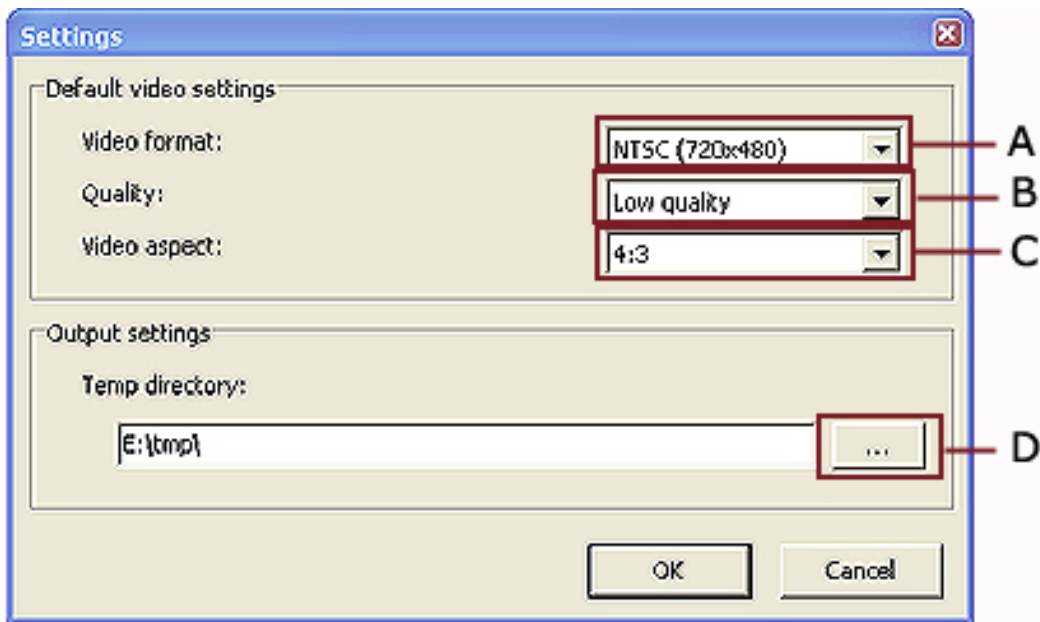
B) Select quality in the **Quality** drop-down list.

NOTE: "High quality" gives higher quality at the expense of larger file size; "Low quality" saves disk space but results in poorer quality.

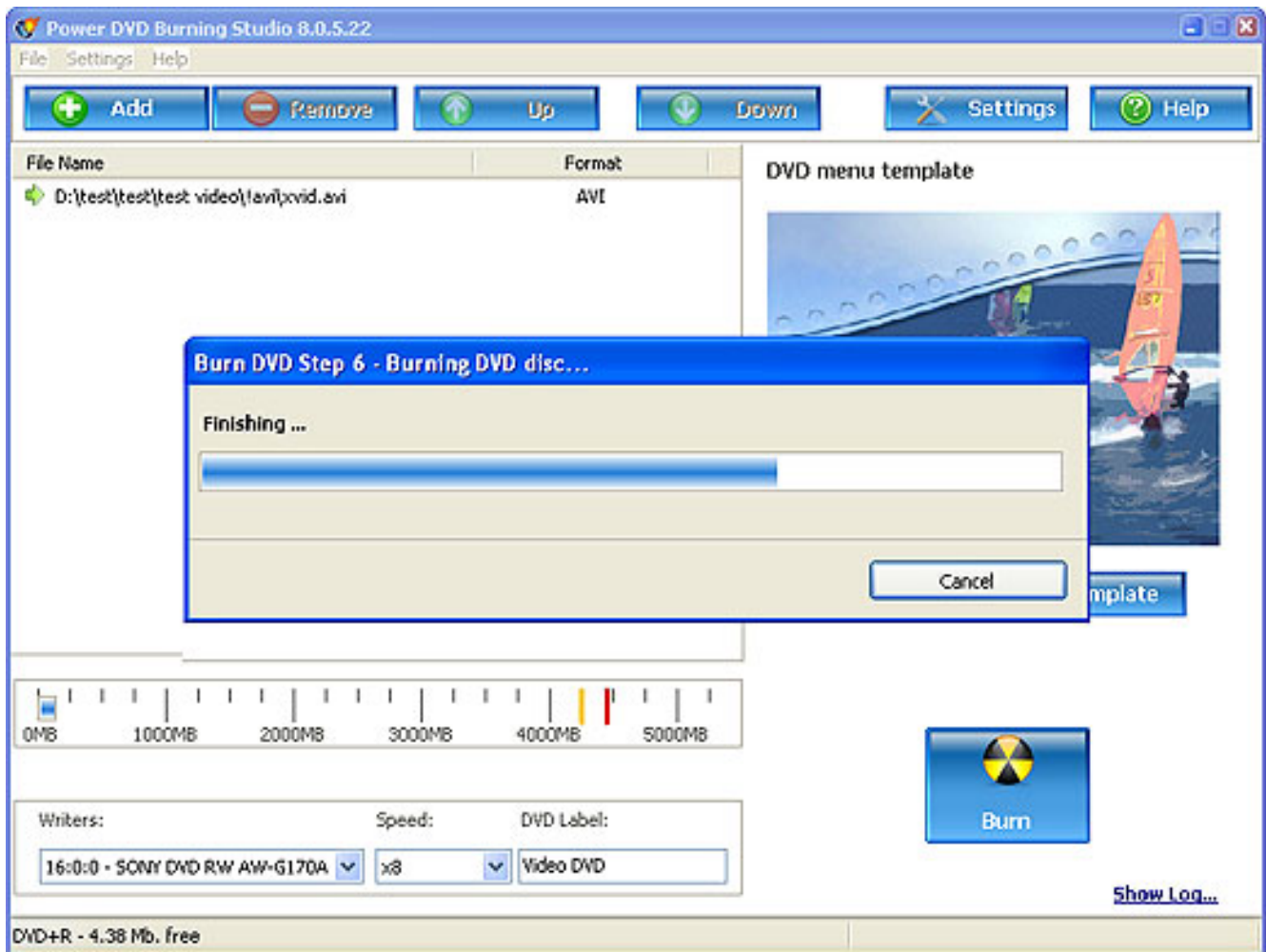
C) Video aspect indicates ratio between the width of the picture and the height of the picture, normal TV's aspect ratio is 4:3, HDTV's aspect ratio is 16:9.

Please select the proper one in the drop-down list.

D) By default, the project file will be stored in your Temporary (tmp) directory. Select a different location by clicking the Browse button. (Default directory recommend)



Step 5: Press **Burn** now!
Process bar indicates the time of the converting process.



Tech FAQs

- ▶ [What are the recommended operating system configurations for Video Convert Premier?](#)
- ▶ [What is the System Requirement of Video Convert Premier?](#)
- ▶ [How can I get rid of the message in the middle of the finished movie?](#)
- ▶ [I lost my registration password and I want to reinstall Video Convert Premier. What should I do now?](#)
- ▶ [My computer DVD player handles my newly converted DVD files, but my home DVD player won't take them! How do I go about it?](#)
- ▶ [I'm trying to find a video converter to convert wmv and/or mpg to asf so that I can stream it with a Windows Media Server. Does your software do this?](#)
- ▶ [I've installed the latest version of Video Convert Premier. Do I have to register it again? How can I figure out if the registration is complete or not?](#)
- ▶ [Is there a user guide or manual available for this software?](#)
- ▶ [Does your product support Windows Media 9?](#)
- ▶ [What are audio and video codecs?](#)
- ▶ [What video formats are supported by Video Convert Premier?](#)
- ▶ [What is bitrate?](#)
- ▶ [What is frame rate?](#)
- ▶ [My Windows Media Player will not play my newly converted DVD file. What should I do?](#)
- ▶ [What can I do with Video Convert Premier?](#)
- ▶ [How to report bugs?](#)
- ▶ [How much is Video Convert Premier?](#)
- ▶ [What is VBR?](#)
- ▶ [What is Windows Media Format?](#)
- ▶ [Is Technical Support provided?](#)
- ▶ [How do I find out about new software updates?](#)
- ▶ [I changed my E-mail address. What should I do?](#)
- ▶ [Will I get a hardcopy \(CD\) for the software I purchased?](#)
- ▶ [How can I reinstall the program?](#)
- ▶ [How do I uninstall Video Convert Premier?](#)
- ▶ [Do you produce a version of Video Convert Premier for the Mac?](#)
- ▶ [Can you tell me more about downloading in your website?](#)
- ▶ [More...](#)

Purchase FAQs

- ▶ [Where can I get a registered version of the software or how can I register the software using the website provided?](#)
- ▶ [How to buy?](#)
- ▶ [Is online order secure?](#)
- ▶ [I don't have a Credit Card. How can I order your products?](#)
- ▶ [Can I make a payment by check?](#)
- ▶ [How much is the latest version of Video Convert Premier for registered users of the previous one?](#)
- ▶ [How is the Trial version different from the Purchased version?](#)
- ▶ [What happens after I send in the order?](#)
- ▶ [Does your product support Windows Media 9?](#)
- ▶ [I purchased a copy of Video Convert Premier, and now I want to use it on another computer. What can I do?](#)
- ▶ [Can I purchase the software in a local store near where I live?](#)
- ▶ [More...](#)

Other FAQs

- ▶ [The new way of buying software: What is ESD?](#)
- ▶ [Main advantages of ESD?](#)
- ▶ [How to buy: Step by step guide](#)
- ▶ [Payment Options](#)
- ▶ [Questions not covered by this Document](#)

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

How to

- ▶ [How to burn video file/s to DVD with Video Convert Premier?](#)
- ▶ [How to convert video files from one format to another with Video Convert Premier?](#)
- ▶ [How to select input file or files?](#)
- ▶ [How to change output file name and location?](#)
- ▶ [How can I uninstall divx 5.0 without removing your program?](#)
- ▶ [How can I create a video with no audio?](#)
- ▶ [How to edit profile?](#)

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

DVD VCD SVCD Specification

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

Appendix A Keyboard shortcuts

Key	Function
Alt + F4	Exist
Alt + Del	Delete Profile
Alt + N	Add profile
F1	Help
F2	Rename profile
F9	Convert
F12	Settings
Ctrl + A	Select all input files
Ctrl + D	Goes down
Ctrl + E	Edit profiles
Ctrl + N	Add input video file
Ctrl + O	Set output parameters
Ctrl + P	Play video file

Ctrl + U	Goes up
Ctrl + B	BMP File Capture
Ctrl + J	JPG File Capture
Ctrl + Alt + B	BMP File Capture (Burst-Mode)
Ctrl + Alt + J	JPG File Capture (Burst-Mode)
Del	Delete selected file
Shift + Del	Delete all input files

Copyright © 2000-2009 Color7tech Inc. All Rights Reserved.

Appendix B DVD, VCD, and SVCD

DVD, VCD, and SVCD

There are several factors to consider in choosing an output format for your project. These include your desired output quality, target playback device, and viewing screen size, among others. Here are the advantages and disadvantages that picking each output format entails:










































Digital Versatile Disc (DVD) is popular in video production because of its quality. Not only does it guarantee superb audio and video quality, it can also hold several times more data than VCDs and SVCDs. DVDs make use of the MPEG-2 format, which has a much bigger file size than MPEG-1, and can likewise be produced as single or dual-sided, and single and dual-layered. They can be played on stand-alone DVD players or on the DVD-ROM drive of your PC.






















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.



Super Video CD (SVCD) is commonly described as an enhanced version of VCD. It is based on MPEG-2 technology with Variable Bit Rate (VBR) support. The typical running time of an SVCD is about 30-45 minutes. Although you could extend this to 70 minutes, you will have to compromise sound and image quality. SVCDs can be played back on stand-alone VCD/SVCD players, most DVD players, and all CD-ROM/DVD-ROM with a DVD/SVCD player software.

ba	Bosnia and Herzegovina  (UN) 387	gq	Equatorial Guinea (formerly Spanish Guinea) (UN) 240	ke	Kenya (UN) 254	ps	Palestinian Territories (West Bank, Gaza Strip) (disputed by IL) 970	tz	Tanzania (formerly Tanganyika and Zanzibar) (UN) 255,259
bb	Barbados  (UN) 1246	fi	Finland (UN) 358	kg	Kyrgyzstan  (UN) 996	pt	Portugal (UN) 351	ua	Ukraine  (UN) 380
bd	Bangladesh (formerly East Pakistan)  (UN) 880	fj	Fiji (UN) 679	kh	Kampuchea (now Cambodia) (UN) 855	pw	Palau (UN) 680	ug	Uganda (UN) 256
be	Belgium (UN) 32	fk	Falkland Islands (formerly Malvinas) 500	ki	Kiribati (UN) 686	py	Paraguay (UN) 595	uk	United Kingdom (Great Britain and Northern Ireland) (UN) 44
bf	Burkina Faso (formerly Upper Volta) (UN) 226	fm	Federated States of Micronesia (Caroline Islands) (UN) 691	km	Comoros Islands (UN) 269	re	Réunion Island  262	us	United States (UN) 1
bg	Bulgaria (UN) 359	fo	Faroe Islands  298	kn	Saint Kitts and Nevis  (UN) 1869	ro	Romania (UN) 40	uy	Uruguay (UN) 598
bh	Bahrain (once Dilmun) (UN) 973	fr	France (UN) 33	kp	Korea, North (Democratic People's Republic of) (UN) 850	ru	Russia  (UN) 7	uz	Uzbekistan  (UN) 998
bi	Burundi (formerly part of Ruanda-Urundi, formerly German East Africa) (UN) 257	fx	Metropolitan (i.e. European) 33	kr	Korea, South (Republic of) (UN) 82	rw	Ruanda-Urundi, German East Africa) (UN) 250	vi	US Virgin Islands (Midway, Wake, etc.) 808
bj	Benin (UN) 229	gf	French Guiana  594	kw	Kuwait (UN) 965	sa	Saudi Arabia (UN) 966	um	United States (UN) 1
bm	Bermuda  1441	pf	Polynesia (formerly Oceania) 689	ky	Cayman Islands  1345	sb	Solomon Islands  (UN) 677	us	United States (UN) 1
bn	Brunei Darussalam (UN) 673	tf	Southern Territories  44	kz	Kazakhstan  (UN) 7	sc	Seychelles (UN) 248	uy	Uruguay (UN) 598
bo	Bolivia (UN) 591	ga	Gabon (UN) 241	la	Laos (UN) 856	sd	Sudan (UN) 249	uz	Uzbekistan  (UN) 998
br	Brazil (UN) 55	gb	Great Britain (ISO3166 only) 44	lb	Lebanon (UN) 961	se	Sweden (UN) 46	uz	US Virgin Islands (Midway, Wake, etc.) 808
bs	Bahamas  (UN) 1242	gd	Grenada  (UN) 1473	lc	Lucia, Saint  (UN) 1758	sg	Singapore (UN) 65	uz	US Virgin Islands (Midway, Wake, etc.) 808
bt	Bhutan (UN) 975	ge	Georgia  (UN) 995	li	Liechtenstein (UN) 41	sh	Saint Helena  290	uz	US Virgin Islands (Midway, Wake, etc.) 808
bv	Bouvet Island  44	gf	Guiana, French  594	lk	Sri Lanka (formerly Ceylon) (UN) 94	si	Slovenia  (UN) 386	uz	US Virgin Islands (Midway, Wake, etc.) 808
bw	Botswana (formerly Bechuanaland)  (UN) 267	gg	Guernsey (Channel Island)  44	lr	Liberia (UN) 231	sj	Svalbard and Jan Mayen Islands  79	uz	US Virgin Islands (Midway, Wake, etc.) 808
by	Belarus  (once White Russia) (UN) 375	gh	Ghana (UN) 233	ls	Lesotho (formerly Basutoland) (UN) 266	sk	Slovakia (formerly part of CS) (UN) 421	uz	US Virgin Islands (Midway, Wake, etc.) 808
bz	Belize (formerly British Honduras)  (UN) 501	gi	Gibraltar  350	lt	Lithuania  (UN) 370	sl	Sierra Leone (UN) 232	uz	US Virgin Islands (Midway, Wake, etc.) 808
io	British Indian Ocean Territory (Chagos Islands)  246	gl	Greenland  299	lu	Luxembourg (UN) 352	sm	San Marino (UN) 378	uz	US Virgin Islands (Midway, Wake, etc.) 808
vg	British Virgin Islands  1284	gm	Gambia, The (UN) 220	lv	Latvia  (UN) 371	sn	Senegal (UN) 221	uz	US Virgin Islands (Midway, Wake, etc.) 808
		gn	Guinea (formerly French Guinea) (UN) 224	ly	Libya (UN) 218	so	Somalia (UN) 252	uz	US Virgin Islands (Midway, Wake, etc.) 808
						sr	Suriname (UN) 597	uz	US Virgin Islands (Midway, Wake, etc.) 808
						st	São Tomé and Príncipe (UN) 239	uz	US Virgin Islands (Midway, Wake, etc.) 808
						su	Soviet Union (USSR, now 15 separate republics) 7	uz	US Virgin Islands (Midway, Wake, etc.) 808
						sv	Sierra Leone (UN) 232	uz	US Virgin Islands (Midway, Wake, etc.) 808
						sy	Slovenia (UN) 386	uz	US Virgin Islands (Midway, Wake, etc.) 808
						sz	Svalbard and Jan Mayen Islands  79	uz	US Virgin Islands (Midway, Wake, etc.) 808
						kn	Saint Kitts and Nevis  (UN) 1869	uz	US Virgin Islands (Midway, Wake, etc.) 808
						lc	Saint Lucia  (UN) 1758	uz	US Virgin Islands (Midway, Wake, etc.) 808
						pm	Saint Pierre and Miquelon 508	uz	US Virgin Islands (Midway, Wake, etc.) 808

ca	Canada  (UN) 1	gp	Guadeloupe  590	ma	Morocco (UN) 212	vc	Saint Vincent and The Grenadines  (UN) 1784	va	Vatican City State (Holy See) 379
cc	Cocos Islands (Keeling)  61,672	gr	Guinea, Equatorial (formerly Spanish Guinea) (UN) 240	mc	Monaco (UN) 377	ws	Samoa (formerly Western Samoa) (UN) 685	va	Saint Vincent and The Grenadines  (UN) 1784
cd	Congo, Democratic People's Republic (formerly ZR) (formerly Belgian Congo) (UN) 243	gs	Greece (UN) 30	md	Moldova (once part of RO) (UN) 373	za	South Africa (Zuid Africa) (UN) 27	vc	Venezuela (UN) 58
cf	Central African Republic (formerly Ubangi-Shari) (UN) 236	gt	Georgia, South, and The South Sandwich Islands  502	mg	Madagascar (UN) 261	gs	South Georgia and The South Sandwich Islands  1284	ve	Virgin Islands, British  1284
cg	Congo, Republic of (once French Congo) (UN) 242	gu	Guatemala (UN) 502	mh	Maldives (UN) 692	es	Spain (España) (UN) 34	vi	Virgin Islands, US  1340
ch	Switzerland (Schweiz in German) 41	gw	Guam  1671	mk	Macedonia (UN) 389	lk	Sri Lanka (formerly Ceylon) (UN) 94	vn	Viet Nam (formerly North and South Vietnam) (UN) 84
ci	Côte d'Ivoire (Ivory Coast) (UN) 225	gy	Guinea-Bissau (formerly Portuguese Guinea) (UN) 245	ml	Mali (formerly French Sudan) (UN) 223	ch	Switzerland (Schweiz in German) 41	vn	Vietnam (UN) 84
ck	Cook Islands  682	dd	Guyana (formerly British Guiana) (UN) 592	mm	Myanmar (formerly Burma) (UN) 95			vu	Vanuatu (formerly New Hebrides) (UN) 678
cl	Chile (UN) 56	de	Germany (Democratic Republic (East Germany) (now Germany) 49	mn	Mongolia (UN) 976			wf	Wallis and Futuna Islands  681
cm	Cameroon (UN) 237	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mo	Macau 853			ws	Western Samoa (now Samoa) (UN) 685
cn	China (UN) 86	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mp	Mariana Islands, Northern  1670			ws	Western Sahara (disputed by (formerly Spanish Sahara) 212
co	Colombia (UN) 57	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mq	Martinique  596			ye	Yemen (UN) 967
cr	Costa Rica (UN) 506	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mr	Mauritania (UN) 222			yt	Mayotte Island  269
cs	Czechoslovakia (now CZ and SK) 42	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	ms	Montserrat  1664			yu	Yugoslavia ((Serbia and Montenegro)) (formerly included BA, HR, MK, SI) (UN) 381
cu	Cuba (UN) 53	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mt	Malta (UN) 356				
cv	Cape Verde Islands (UN) 238	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mu	Mauritius (UN) 230				
cx	Christmas Island  61,672	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mv	Maldives (UN) 960				
cy	Cyprus (UN) 357	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mw	Malawi (formerly Nyasaland) (UN) 265				
cz	Czech Republic (formerly part of CS) (UN) 420	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mx	Mexico (UN) 52				
kh	Cambodia (formerly Kampuchea) (UN) 855	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	my	Malaysia (UN) 60				
ky	Cayman Islands  1345	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	mz	Mozambique (UN) 258				
td	Chad (Tchad) (UN) 235	de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	yt	Mayotte Island  269				
		de	Germany (Deutschland) (formerly East and West Germany) (UN) 49	fm	Micronesia (Caroline Islands) (UN) 691				

Comoros
kmIslands (UN)
269
Croatia
hr (Hrvatska)
 (UN) 385

Zuid Africa
(South
za Africa) (UN)
27
Zambia
(formerly
zmNorthern
Rhodesia)
(UN) 260
Zaire (now
zr CD) 243
Zimbabwe
(formerly
zwSouthern
Rhodesia)
(UN) 263

Appendix D Glossary

A

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.

AC3

Audio Codec 3. This was the original and more technical name for Dolby Digital. Some RF modulated, 5.1-encoded laser discs were labeled as AC3.

AMR

Adaptive Multi Rate is a high-data rate service and transmission principle for 3G cell phones and networks.

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.

AVI

AVI is short for "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.

B

bandwidth

A network's capacity for transferring an amount of data in a given time.

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. Constant Bit Rate (CBR) encoding maintains the same bit rate throughout an encoded file. Variable Bit Rate (VBR) is an MP3 encoding method that's used when file size is not an issue. Unfortunately Video Convert Premierdecodes VBR but doesn't encode it. Selecting the proper bit rate for your projects depends on the playback target: if you're making a VCD for playback on a DVD player, the video must be exactly 1150 Kbps and the audio 224 Kbps.

C

codec

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

compression

A process for removing redundant data from a digital media file or stream to reduce its size, or the bandwidth used.

D

DivX

DivX is the name given to a video codec (a piece of software used for encoding and decoding video) and is based on the MPEG-4 compression format. MPEG-4 is a new standard of video compression that is both high quality and low bit rate. They are usually only a fraction (around 15%) of the size of a standard DVD, even at 640x480 resolutions, making them the best home video format thus far. They only take half the time to encode, and yet at the same time are smaller in size than MPEG-1 - due to the incredible compression technology - some have even called MPEG-4 the "MP3 of the video world". Quality ranges from net-streaming quality to DVD and better.

F

frame

One of many sequential images that make up video.

frame rate

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

G

3GP

3gp is a file format which is used in mobile phones to store media (audio/video). This file format is a simpler version of "ISO 14496-1 Media Format". MOV (used by QuickTime) is also a format which follows similar file format. This format can only carry video encoded as MPEG-4 or H.263. Audio is stored in AMR-NB or AAC-LC formats.

I

.IFO file

The .IFO (and backup .BUP) files contain menus and other information about the video and audio.

M

MOV

A QuickTime movie can actually be used to store both movies and sounds. A file with this extension could thus be either an audio file or a movie file. Both types are supported by many different platforms. Note though that there are several different versions of QuickTime files in use, and not all players will play all versions.

MPEG

Gives excellent compression with little loss in quality of the video. MPEG support three types of data - video, audio and streaming. There are a number of standards: among them there are two flavors of MPEG available today.

MPEG-1

MPEG-1 was designed to provide VHS video quality and CD audio quality at a combined data rate of 150 kilobytes per second. MPEG-1 is displayed at 30 frames per second in a frame that is 352x240 (horizontal x vertical) pixels in size. This allows relatively high quality video images to be stored in relatively small file sizes for playback across computer networks or CD-ROM delivery.

MPEG-2

MPEG-2 is the other side of the compression coin. It is a broadcast standard specifying a playback size of 720 x 480 pixels at 60 fields per second. Data rates can range from 2 to 10 megabits per second. This means large file sizes and data rates that require specialized hardware for playback. MPEG-2 is one of the core compression technologies for DVD. See the MPEG site for more information.

O

Options

Audio Options

`-ar freq'

Set the audio sampling frequency (default = 44100 Hz).

`-ab bitrate'

Set the audio bitrate in kbit/s (default = 64)

`-ac channels'

Set the number of audio channels (default = 1).

`-an'

Disable audio recording.

`-acodec codec'

Force audio codec to codec. Use the copy special value to specify that the raw codec data must be copied as is.

Video Options

`-b bitrate'

Set the video bitrate in kbit/s (default = 200 kb/s).

`-r fps'

Set frame rate (default = 25).

`-s size'

Set frame size. The format is `wxh' (default = 160x128).

`-aspect aspect'

Set aspect ratio (4:3, 16:9)

`-vcodec codec'

Force video codec to codec. Use the copy special value to tell that the raw codec data must be copied as is.

Audio / Video Grab Options

`-vd device'

Set video grab device (e.g. `/dev/video0').

`-vc channel'

Set video grab channel (DV1394 only).

`-tvstd standard'

Set television standard (NTSC, PAL (SECAM)).

`-dv1394'

Set DV1394 grab.

`-ad device'

Set audio device (e.g. `/dev/dsp').

R

RM

RealMedia is a digital sound and video file format that is the registered trademark of RealNetworks. This format is typically used to stream media through the net. It can be played with the RealOne player or with other media players using the Real Alternative codec.

S

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.

SVCD

SVCD is Super Video CD, a great method to save DVD movie to CD without losing much quality. SVCD discs can be played in your DVD player.

SWF

The SWF graphic file format is a version of the Macromedia Flash Player vector-based graphics format introduced in 1997. The SWF file format is ideal for presenting vector-based interactive and animated graphics with sound for the Web.

V

VOB

A data file used in the DVD Video format to deliver video, audio, and graphics.

W

WAV

A digitized sound file format for Microsoft Windows, which has ".wav" as the file name extension. Most pre-mastering software will extract CD (CD-audio) tracks and write them to the hard disk as a Wav file. Wav files can have various qualities of sound depending on how they are created or saved, but the most common is 44,100 Hz, 16 bit, stereo (equivalent to audio track on CD).

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.

Y

YUV

YUV is the color space used in the PAL system of television broadcasting which is the standard in most of Europe and some other places. Y stands for the luminance component (the brightness) and U and V are the chrominance (color) components. The YCbCr or YPbPr color space, used in computer component video, is derived from it (Cb/Pb and Cr/Pr are simply scaled versions of U and V), and is sometimes inaccurately called "YUV".

About Color7tech

**Take the lead in multimedia;
Create a Colorful Life!**

As a shareware developer of multi-media authoring solutions, Color7 take the lead in this domain. We have professional experience in the execution of our policy - Think as A Customer. This gives us the idea to create reliable and easy-to-use software products for you.

With sleek, clear interfaces, Color7tech R&D Center creates simple solutions to complicated problems.
Contact Us

For Customers

Email:

English: support@Color7tech.com

French: support_fr@Color7tech.com

Tel:

+1 952 646-5022 (for calls from outside the U.S.)

+1,800,406 4966 (for calls from inside the U.S.)

Video Convert Premier

Product ID: : 300163673



We always do our best to answer your question!

For Partners

North America:

support@color7tech.com

Europe:

ventes@Color7tech.com



'We benefit together with our partners in a win-win model - the Color7techtch Business Model, and we love to talk about our creations with you.

COLOR7 TECHNOLOGY

THE LEADER IN DIGITAL MEDIA

<http://www.Color7tech.com>