

Document No.: McfunSoft Video Capture/Convert/Burn
DVD Solution Help Document

McfunSoft Video Capture/ Convert/Burn DVD Solution

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

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Introducing McFunSoft Video Solution



McFunSoft® Video Capture/Convert/Burn DVD Solution™ is refined as a premier video solution. Video Capture, Edit, Convert and Burn are all supported by this powerful tool. This program is your one-way-ticket to unlimited video converting and burning.

Not only can you capture your memories from your DV or other video devices but also edit videos and burn them to DVD. You can even convert videos to the format required for a website. Within 4-steps, McFunSoft Video Solution will express your creative ideas and share them with your friends.

We express our thanks to all the 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, Laurent F

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Why McFunSoft Video Solution

Save time

Using the latest technology, McFunSoft Video Solution is outstanding both in **high-speed** and **picture clarity**. 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 formats, McFunSoft Video Solution is **your one-way ticket** to video conversion. **free update (Major Update Not Included)**

Last but not least, McFunSoft Video Capture/Convert/Burn Studio offers a **30-day money back guarantee** if you are not satisfied!

All in one tool

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

Easy-to-use

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

Yours for only \$29.95!

BUY NOW

What you will have after purchasing this product:

Full version of McFunSoft Video Solution

The possibilities of the full version of McFunSoft Video Solution 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 access to all services from McFunSoft.

Free update (Major Update Not Included)

More Discount

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

Customer care

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

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How to buy McFunSoft Video Solution

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

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



Buy it for only 29.95\$ (Limited Time!) to buy! After simple purchase steps, you will have McFunSoft Video Solution with all functions, free update (Major Update Not Included) 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 less than 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 got the registration message within several hours, feel free to contact our [Support Team](#) via email.

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

McFunSoft Video Solution?

➤ 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 creation and conversion.
- 30-day money-back guarantee if you are not satisfied with it!

➤ All in one tool

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

➤ Easy-to-use

With step-by-step manual, enjoyable interface and **one-click process**, you will experience your enjoyment in multimedia with McFunSoft Video Solution .

BUY NOW

What will you have after purchase?

- **Full version of McFunSoft Video Solution**
Fun in unlimited video converting.
- **Free update (Major Update Not Included)**

• Customer care

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

• **Coupons for McFunSoft products in Discount Center**

Great benefits to our customers. See more in [McFunSoft Discount Center](#).

BUY NOW

Is my order secure?

As we have for years, we promise the most secure purchases.

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

BUY NOW

The user interface (Overview)



1. Main Panel

Contain buttons that correspond to main functions.

2. Show Window

Shows information of 'Input File', 'Output File' and 'Profile'.

3. Edit Buttons

Select desired input files and output directory, edit video files.

4. Convert Button

Start converting process.

5. Question Mark

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

Main Panel



1. Capture Button

Click this button to capture video from original device.

2. format Button

Select desired video format or select a customized format using **Edit Profile** button.

3. Burn DVD

Click this button to burn a DVD from the original device.

4. Buy Now

Click this button to be linked to our discount page.

5. Question Mark

Click this button to see the drop list menu:



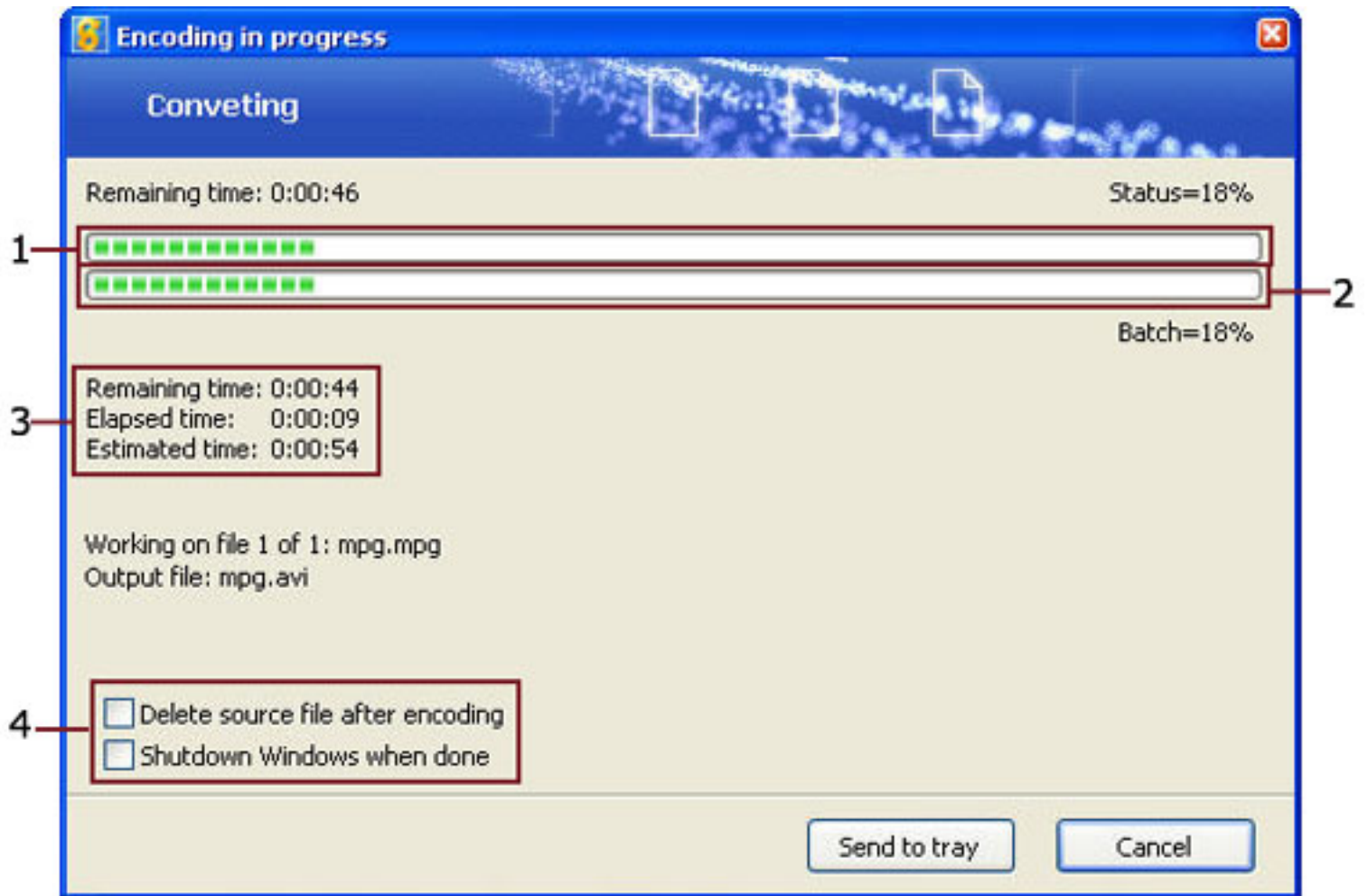
Edit Buttons & Show Window



Show Window displays your editing results..

- a) After clicking the Browse, the browse window will pop up automatically. Select the video file from the pop-up window. McFunSoft Video Solution supports batch video converting. If several video files are selected, McFunSoft Video Solution will automatically recognize them. Click the + or - Button to add or delete video files.
- b) Click this Browse to specify your output directory. One or all output videos will be saved to the directory you specify. The result will be displayed in Window - 2.
- c) Click the button to specify the video property. You can add, delete and rename selected files. All the saved files can be reviewed in Show Window - 3.

Convert Button and Question Mark



Click the **Convert** button to make the above pop up window appear.

- 1) This bar shows the remaining time of converting the current file.
- 2) This bar shows the remaining time converting of all files. (If you are converting several files.)
- 3) This box displays the remaining time, elapsed time and the estimated time of all converting files.
- 4) Check the boxes to delete source files after encoding and shutdown windows when completed.

Click the **Question Mark** to see 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.

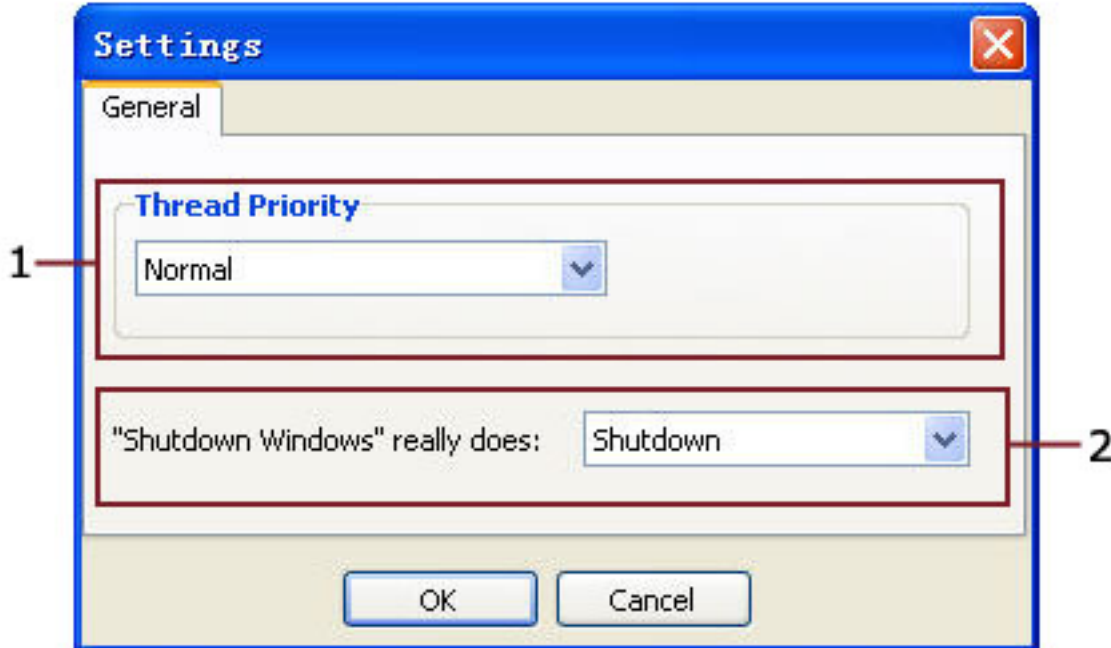
Select "Enter Serial Number..." to fill in key code provided in the email. (Only after you purchase our product)

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

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

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

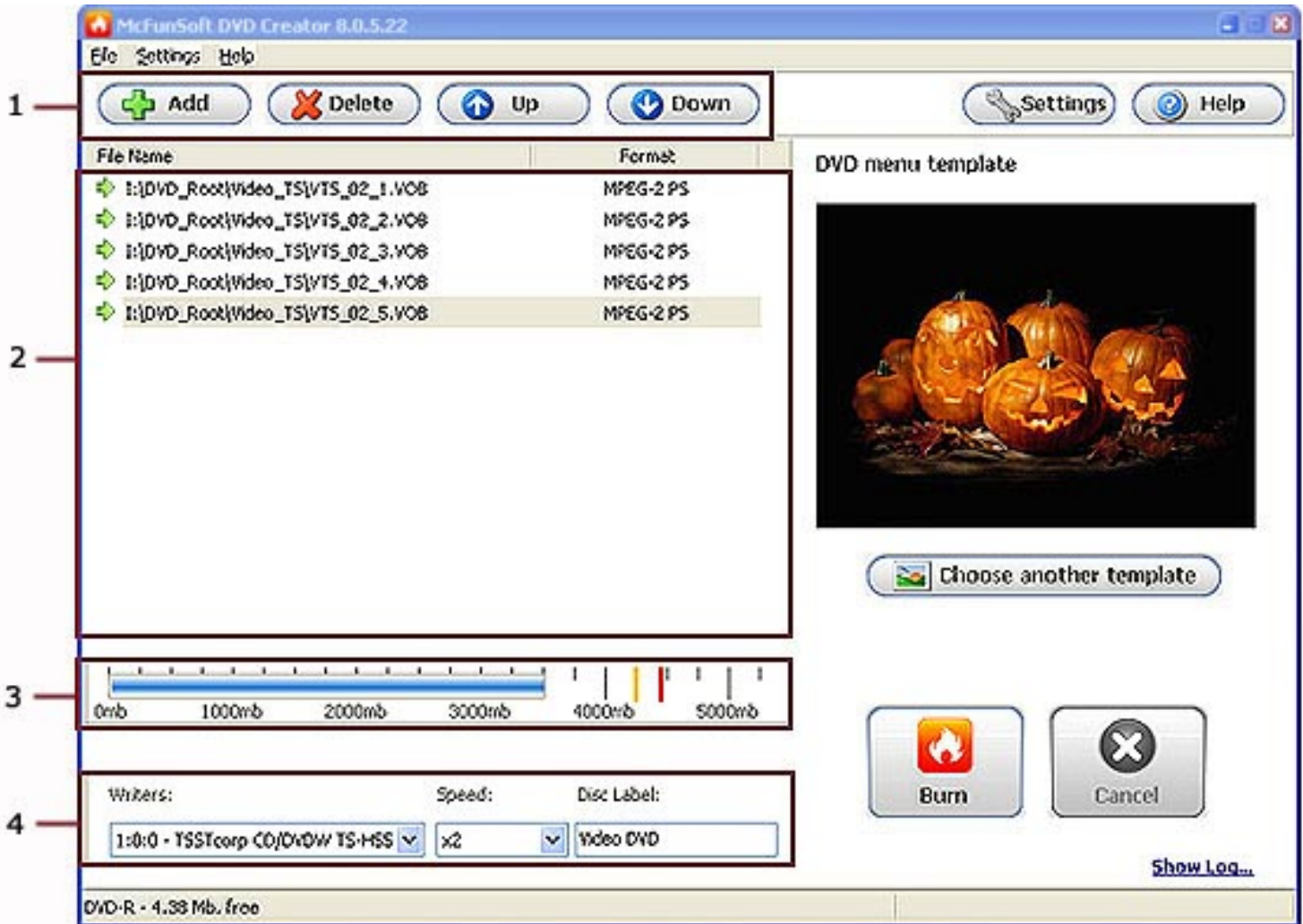
Select "Settings..." to see the window below:



- 1) Adjust the CPU in the drop list menu. When selecting "High" and "Real-time", your computer will only be capable of running McFunSoft Video Solution.
 - 2) Select in 'Shutdown Windows' an action such as close, shutdown or log off.
-

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Burn Main Window



1. Main Panel

Contain buttons that correspond to main functions.

2. Show Window

Show information of input files .

3. Volume Info

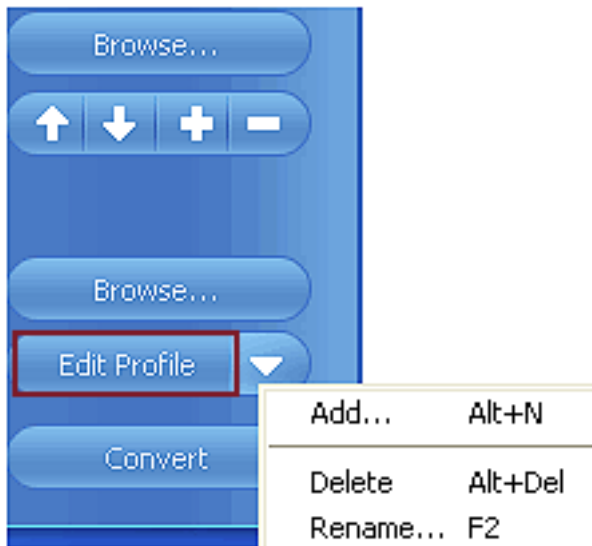
This bar indicates the volume information of input files.

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

4. Other

Drop lists indicate 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 Setting Window;](#)

[Video Setting Window;](#)

[Audio Setting Window](#)

General Setting Window

Customize video profiles for output video by using Profile Editor. In this window, you can adjust parameters: Time Control, Video Codec, Audio Codec, etc.

Description

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

Description:	<input type="text" value="No Description"/>	Description:	<input type="text" value="Default"/>
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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.

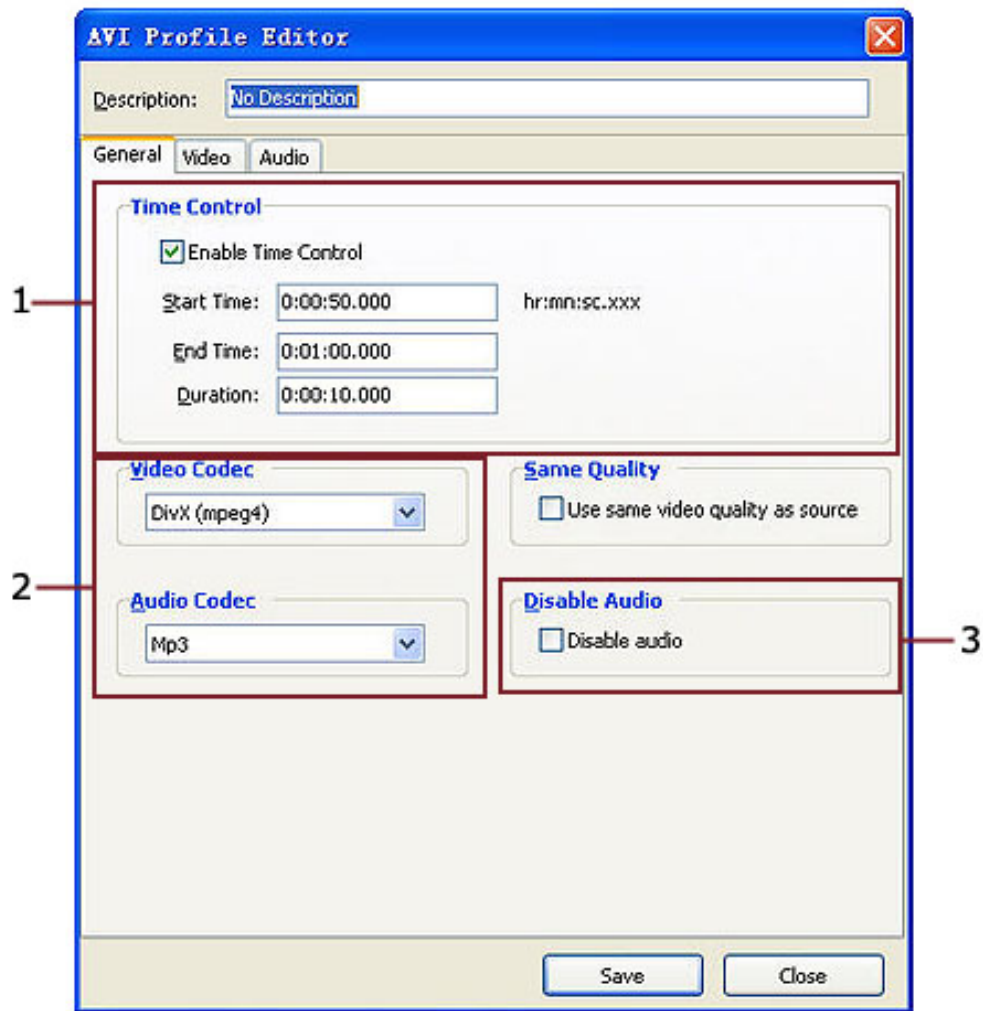
2. Codec

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 attain the best quality.

3. Disable Audio

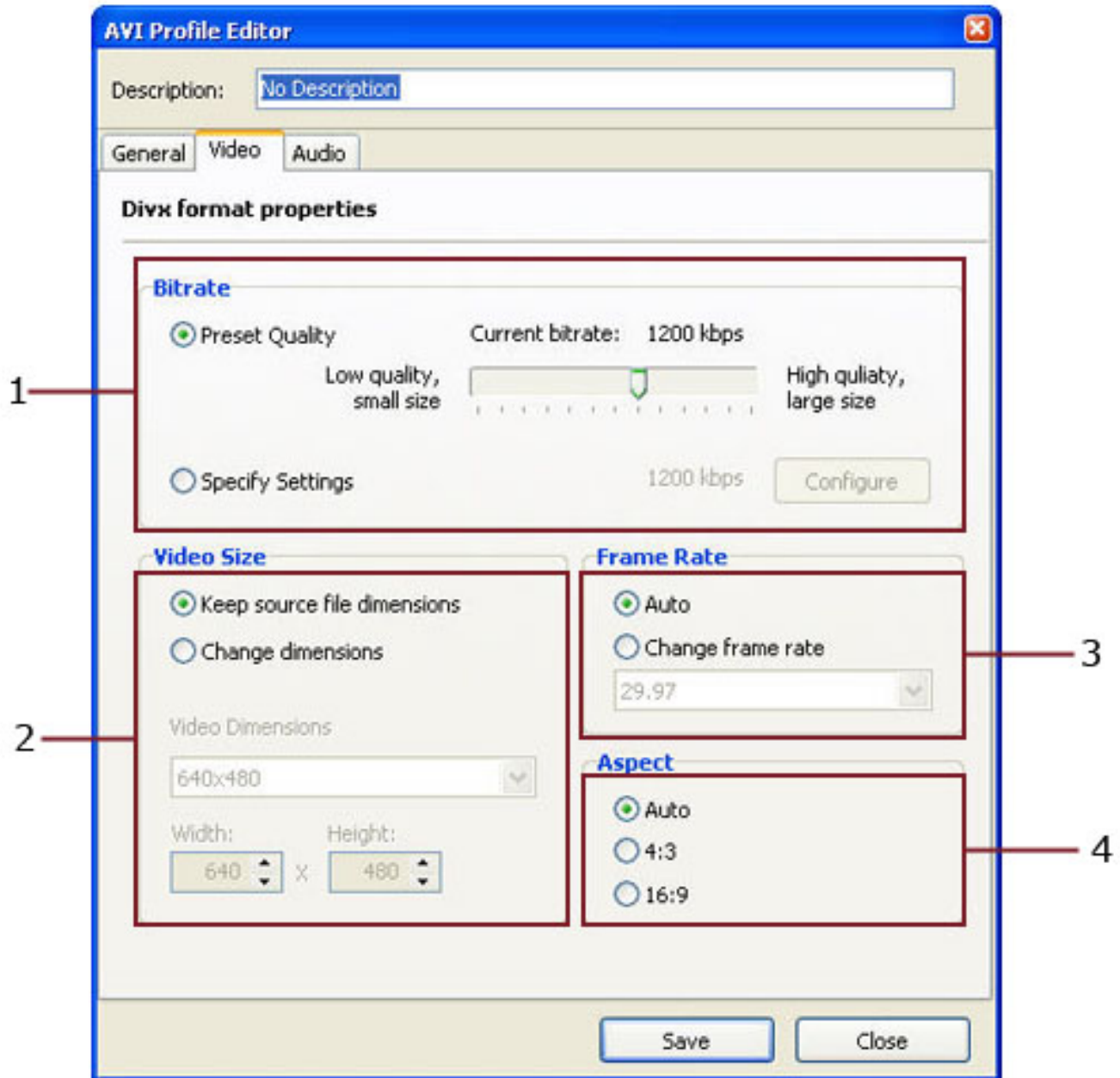
The audio will be disabled by checking this box.

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



Video Setting Window

Customize video profiles for output video using Profile Editor. In this window, configure 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** to 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 **Auto** to select the auto frame rate or **Change frame rate** to customize using the drop-down menu.

ATTENTION: A higher frame rate generally produces smoother movement in the picture at the expense of larger video file size.

4. Aspect

Select desired aspect ratio.

Audio Setting Window

Customize video profiles for output video using Profile Editor. In this window, configure audio parameters: **Channels**, **Sample Rate**, **Bit Rate**.

1. Channels

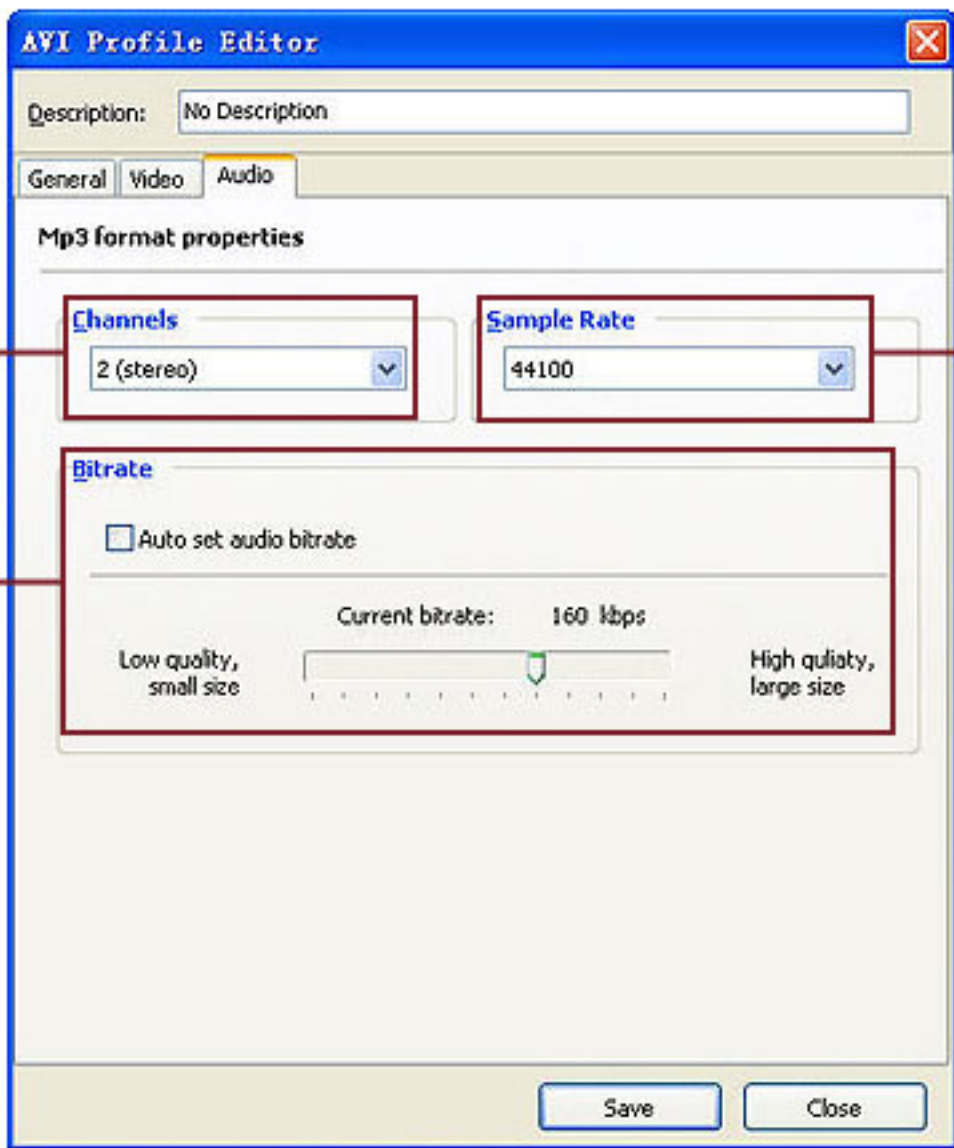
Using Channels setting, switch audio parameters between 'Stereo' and 'Mono'.

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. It can be also specified by deselecting the check box - 'Auto set audio bit rate'. Higher bit rate results in higher quality sound but takes up more physical space per second.



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Video Capture



McFunSoft® Video Capture/Convert/Burn DVD Solution™ lets you capture videos from DV, WEB Camera, VCR, TV Tuner, Analog Camera and other video capturing devices. You may have 3 formats as your choice in captured video, AVI, MPEG, ASF. If you need a screen shot from your computer, it is also a good choice; both BMP and JPEG are supported as image format. During the capturing process, you can add video effects in it, such as adding overlays, video rotations and etc.

Want to share you friend a classic baseball game of your team? Now capture it with McFunSoft Video Capturer, and burn it into DVDs, VCDs or SVCDs. You friends will have the fun as you do.

Learn more about:

[Main window;](#)

[Video Source;](#)

[Audio Source;](#)

[Recording;](#)

[Player;](#)

[Frame Grabber;](#)

[Overlays;](#)

[Video Processing;](#)

[ReEncoding;](#)

[TV Tuner;](#)

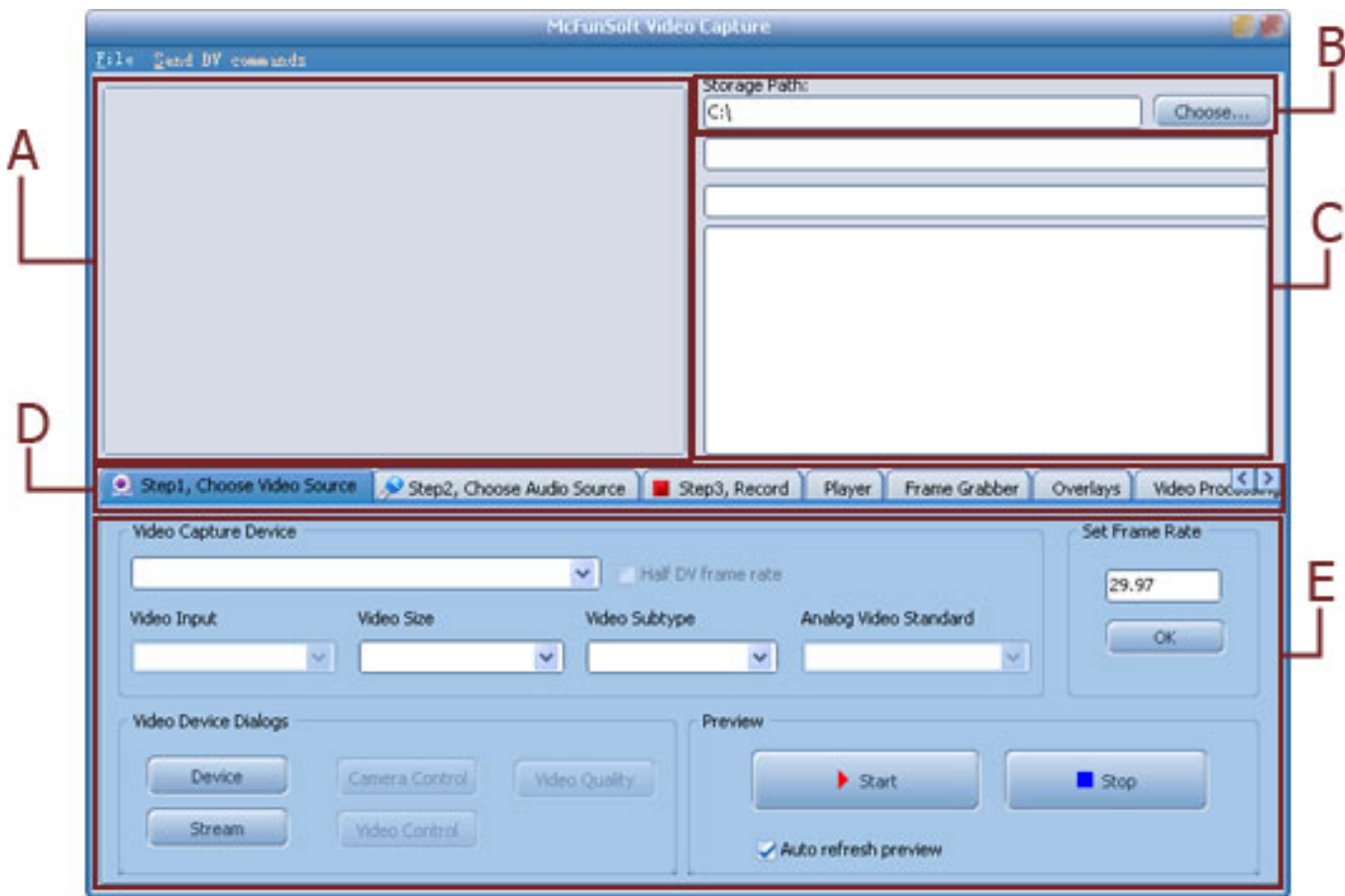
[ASF Setting;](#)

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Capture Main Window

The Main Window is built up by 5 divisions.

- A. Preview Window:** preview captured video simultaneously.
- B. Storage Path:** customize the output directory by clicking on the Choose button and selecting a directory.
- C. Capture Status:** displays current transfer process status.
- D. Tab Bar:** select related Operating Panel and control the detailed setting.
- E. Operating Panel:** customize the parameters from this panel, then begin the capturing.



Operation in Video Source

FoxEasy Video Capture supports a wide range of devices in video capturing. Your DV, web cam, log cam, VCR and other devices are all recognized by this powerful tool.

Important Note: Related hardware are required during the captured process. It is necessary to have hardware that is compatible with the capture device installed on your computer by FoxEasy Video Capture. If you don't have any solution in this part before, we strongly recommend you to contact with the video device provider. For example, if you want to capture video from VCR but do not have fire wire, you can contact with VCR provider or computer provider.

A. Video Capture Device: If you have several video devices, select a capture device using the drop-down menu.

Video Input: Some video device contains several input interface, specify one of them in the drop-down list.

Video Size: Select desired video size in the drop-down list.

Video Subtype: Select desired subtype. Note: default setting recommended.

Analog Video Standard: Select the corresponding video standard when using analog video devices.

B. Video Device Dialog: Every video device has its special control windows when the driver installation is finished. This dialog provides an interface related to these control windows.

C. Set Frame Rate: Set the frame rate for the capture process.

D. Preview Control: Select **Auto refresh preview** to have the latest configuration displayed automatically.



Operation in Audio Source

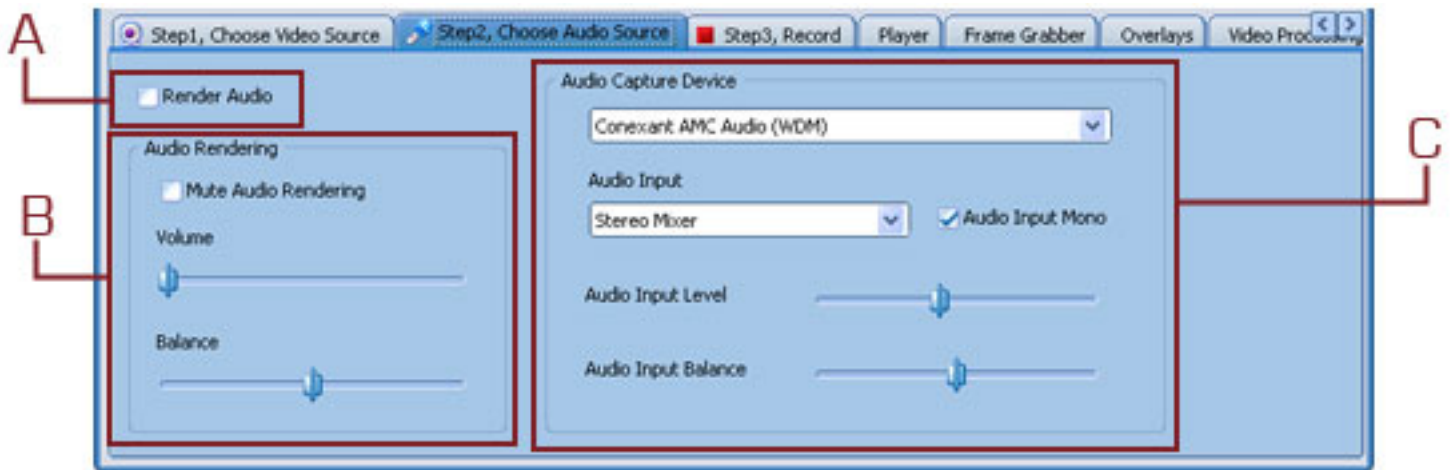
Not only video but also audio could be captured in McFunsoft Video Capture.

Important Note: Any audio recording will be disabled unless you select the check box '**Enable Audio Recording**' in Recording tab panel.

A. Render Audio: Select this check box, the audio stream is rendered during preview or recording.

B. Audio Rendering: Customize the related parameters in audio rendering.

C. Audio Capture Device: Select your audio devices and audio input in drop-down list. Specify Input level and balance in the draw bar.



Operation in Recording

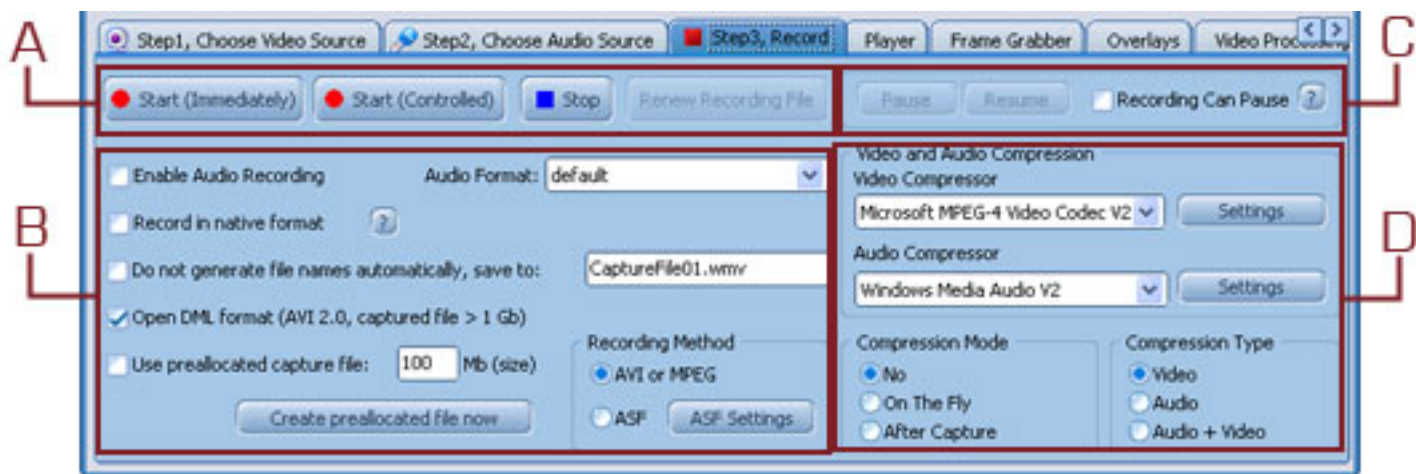
You can begin your capture operation in this panel.

A. Control bar: You can begin or stop the capture process via this bar. When clicking the **Start (Controlled)** button, a window will pop up automatically. Click on **OK** to confirm the capture process. There would be some time-lapse in initialization of the hardware, and such operation enables you to control the capturing without missing anything you need.

B. Specify the captured video: Specify output video parameters in this part. **Note:** specify settings for AVI and MPEG from **Video and Audio Compression** panel and specify ASF settings using **ASF settings** button. The ASF settings need more details during the customization.

C. Pause and Resume: Check the **Recording Can Pause** box and click **Pause** button to pause, click **Resume** button to resume.

D. Compression Control: Higher compression results in poorer quality and less file size. Adjust compression to attain desired quality and file size.



Operation in video player

This powerful video player helps to capture video files.

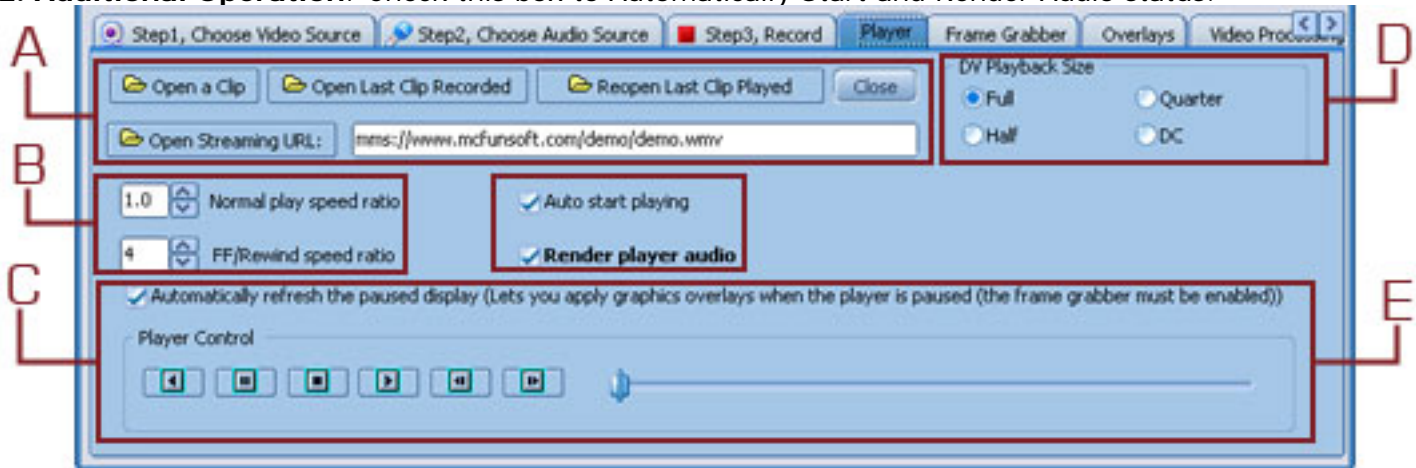
A. Input specification: Specify the input video, even a streaming URL.

B. Speed control: Both Play speed and FF/Rewind speed can be adjusted. The speed control may be limited in some cases by the speed of the video device.

C. Player control: Use play, FF, Rewind and Stop to perform DVD functions.

D. DV Playback Size: Only works when connected with a DV.

E. Additional Operation: Check this box to Automatically Start and Render Audio status.



Operation in frame grabber

McFunSoft Video Capture also supports frame grabbing in video operation. The grabber picture quality depends on the original video quality.

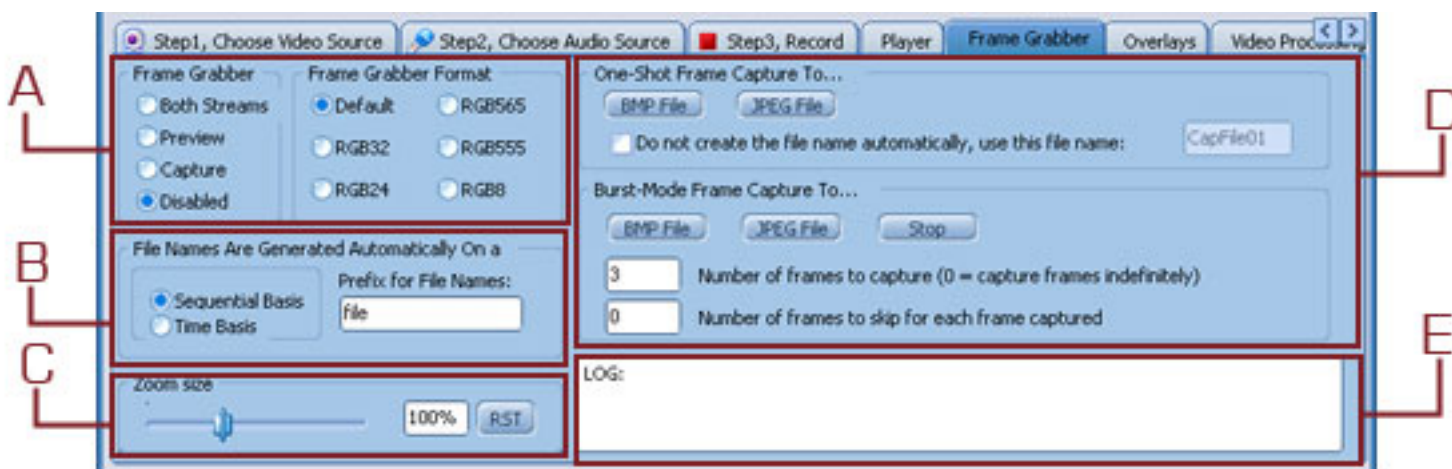
A. Grabber Definition: You can specify the grabber type and the image quality in this part. The higher RGB you specified, and the better color picture you get in the output.

B. Group Setting: This setting only works in the continuous frame grabbing. You can type in some words as the pre-name of these pictures.

C. Zoom Size: Set the zoom size of the grabbed picture.

D. Grabbing Operation: Rename and grab a single picture in One-Shot frame Capture to or do continuous grabbing in Burst-Mode Capture to. Set 'frames to capture' and 'frames to skip'.

E. Log Window: Double check the log to confirm captured frames.



Note: What is RGB?

RGB is short for red, green, and blue. They create any color when combined with the correct ratio. Typically, RGB is used for slide presentations, computer software and games and anything that is viewed on a video monitor.

Operation in overlays

Add an overlay to the video during the capture process.

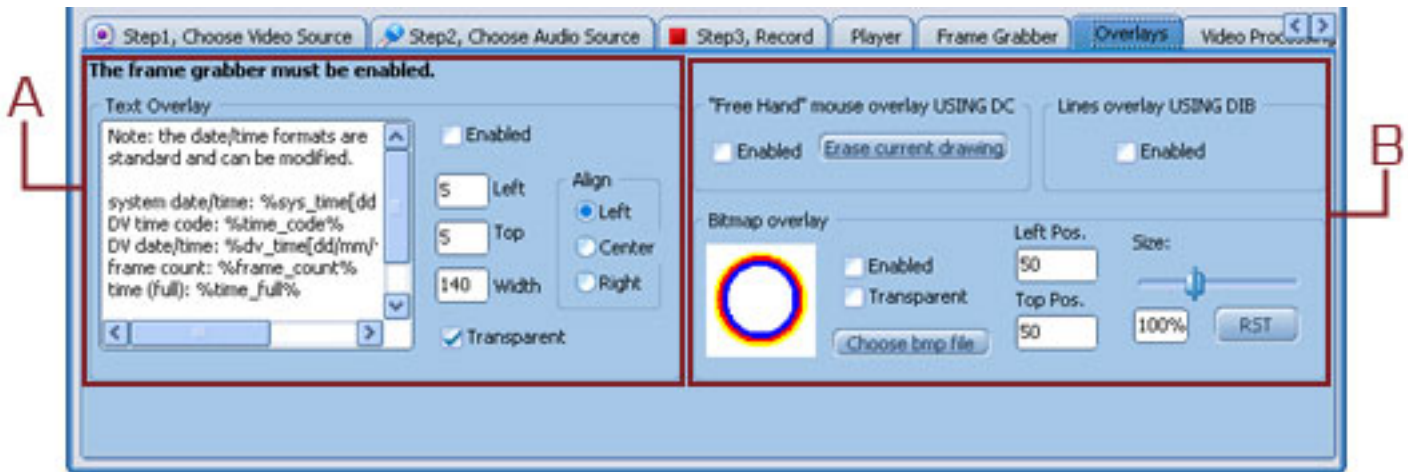
A. Text Overlay: The text overlay is made up of 2 parts 1) content of text on the screen and 2) position of text on the screen. Enter the text you want in your overlay in the Text Overlay box. Position your Text Overlay by setting the parameters.

B. Graphical Overlay:

Free Hand: Using your mouse, you can 'draw' on the captured video.

Lines Overlay: Add a border to the captured video.

Bitmap Overlay: Add bmp picture to the captured video.



Operation in video processing

Make additional image adjustments in Video Processing, such as video rotation, deinterlacing of the damaged video and image adjustment.

A. Video Rotation & Deinterlacing:

Video Rotation: Rotate the video for different angles.

Deinterlacing: In some video, you may need mosaic effect during the captured process. Deinterlacing enables you realize such requirement.

B. Check box group:

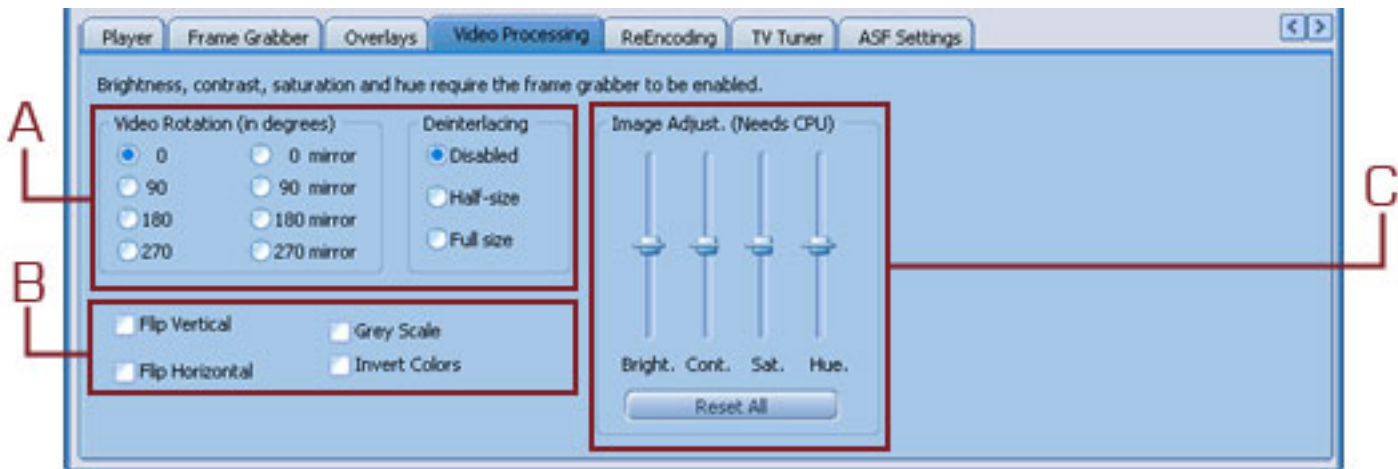
Flip Vertical: Rotate the video vertically.

Flip Horizontal: Rotate the video horizontally.

Grey Scale: Adjust the color scale with grey blind.

Invert Colors: Add invert colors effect.

C. Image Adjust: Adjust Brightness, Contrast, Saturation and Hue.



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Operation in ReEncoding

We strongly recommend using Video Convert Master or McFunSoft Video Solution to meet your needs for video conversion. Otherwise using FVideo Convert Master is the fastest and most convenient for converting your AVI, MPEG and ASF video files!

A. Input setting:

Select the input settings by clicking Source Video Clip.

B. ReEncoding Setting:

Specify the settings of the ReEncoding video by checking the boxes.

C. Formats Selection:

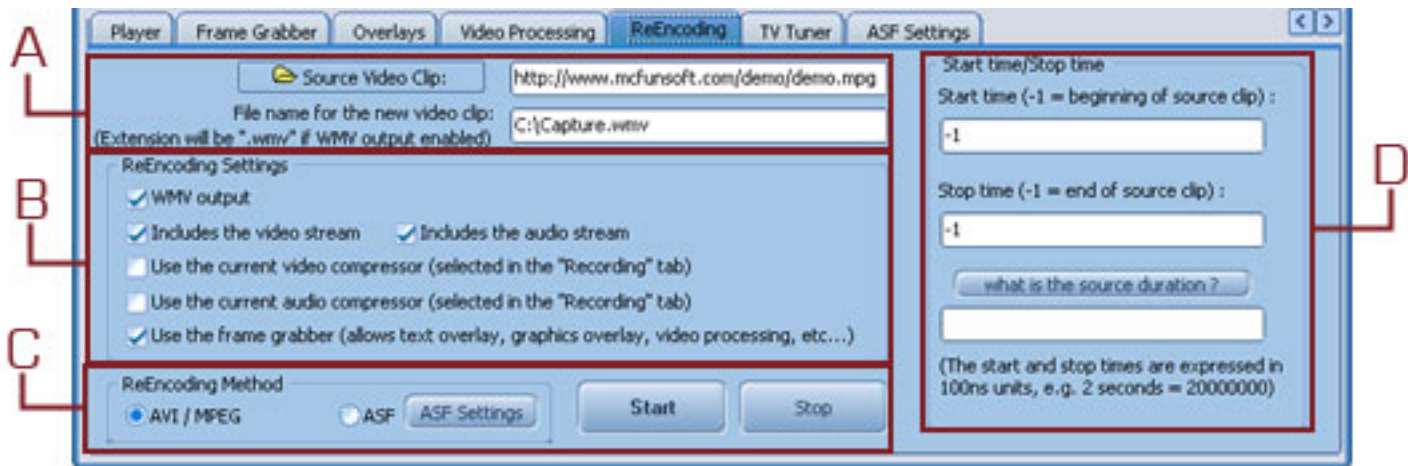
Select AVI/MPEG or ASF as your targeted video format.

Specify the parameter of AVI/MPEG: Recording -> Video and Audio compression -> Setting

Specify the parameter of ASF: Click the ASF Setting directly.

D. Duration Control:

Select the the Start Time and End Time to set the duration of the converted video. If you choose -1 & -1, the whole video will be reencoded.



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Operation in TV Tuner

Capture video from the TV with this powerful video tool. If you do not know your country code for TV Tuner, please check the country code in the appendix.

A. TV Setting:

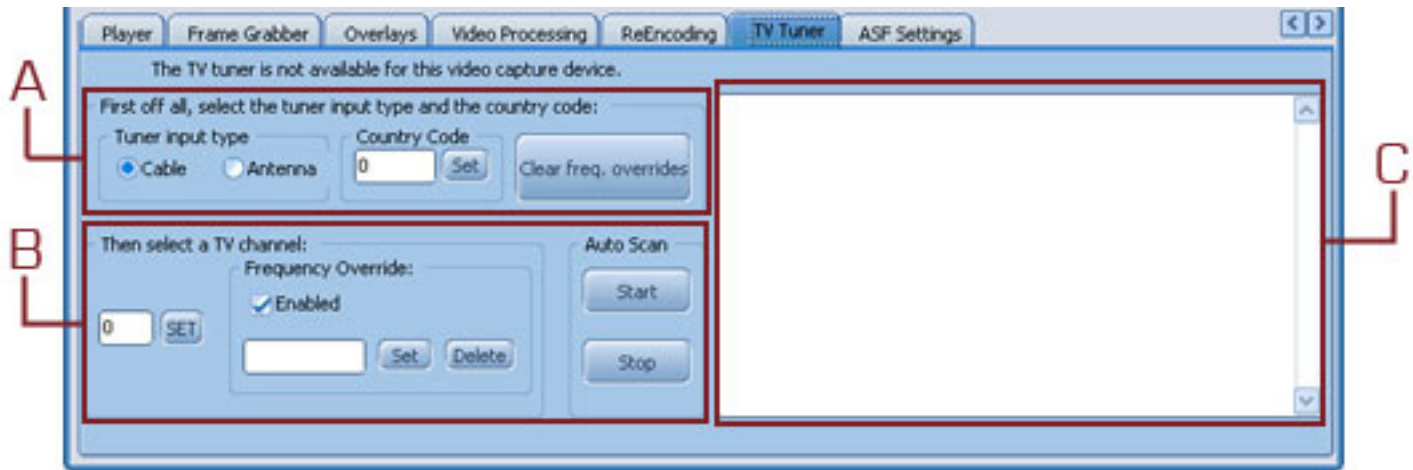
Select Cable or Antenna and set the country code.

B. Set the TV channel:

Give a number to each TV channel. The TV channel can be verified by Auto scan.

C. Preview Window:

Preview the TV video source.



Operation in ASF Setting

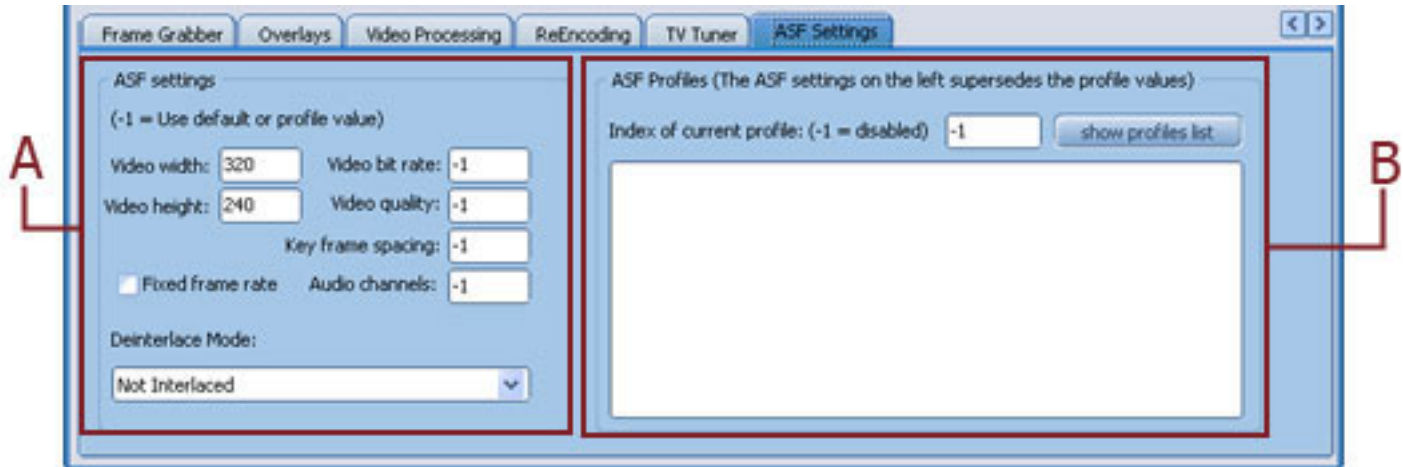
Specify the output ASF (wmv) setting in this part.

A. ASF Setting:

Specify all available parameters in the **ASF Settings** panel. Note: higher video quality results in larger file size.

B. Profile List:

Click the **Show Profile List** button to see all available profiles and then select the one you need.

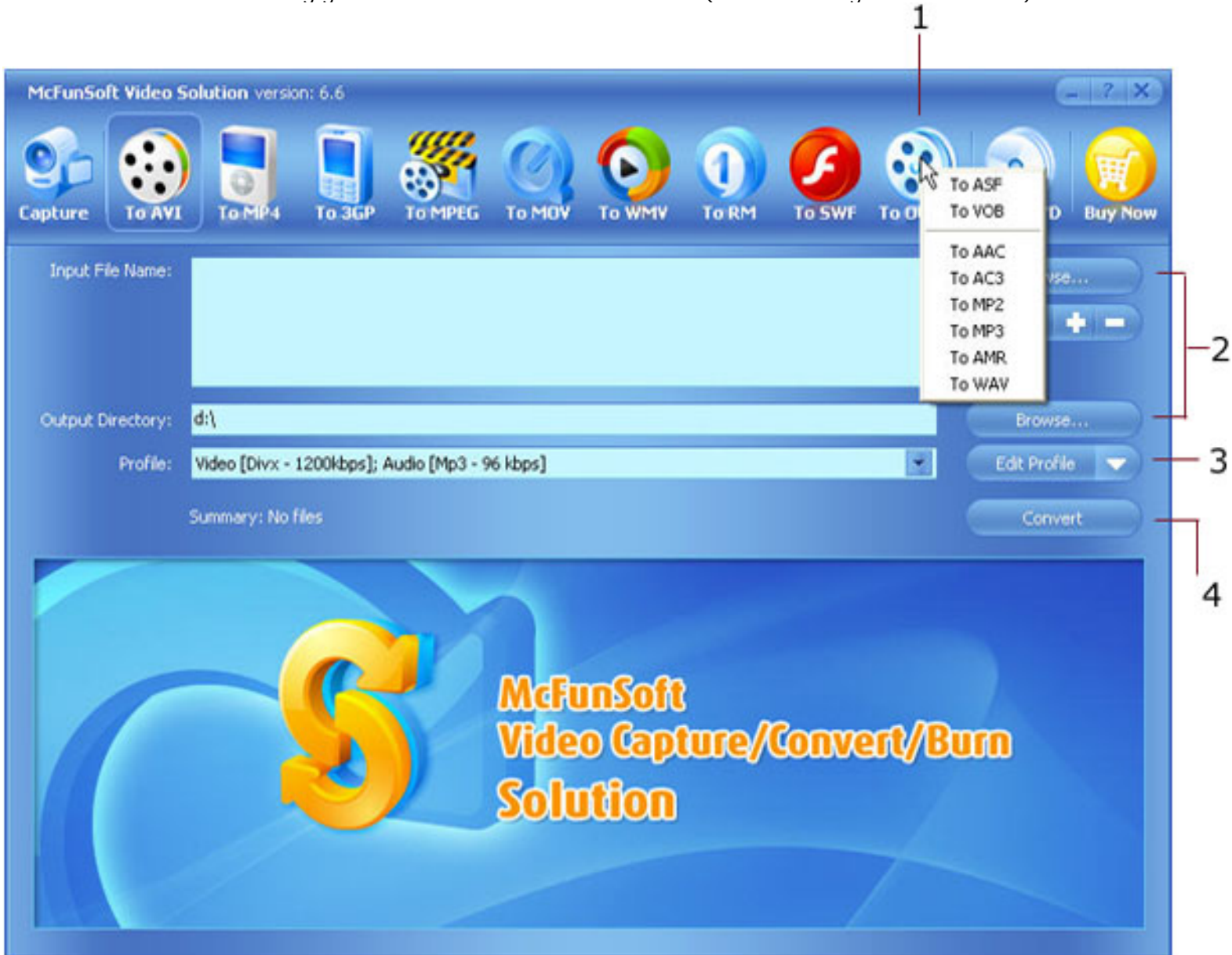


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To convert file to MP3

McFunSoft Video Solution supports a wide range of video formats such as AVI, MP4, 3GP, MPEG, MOV, WMV, RM, SWF, ASF, AC3, MP2, MP3, etc.

Attention: The default setting gives the best results for all formats. (Default settings recommended)



Step 1: Click **To Others** to select desired formats.

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

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

Step 4: Click **Convert** to start converting process.

MP3 General Setting Window

Customize video profiles for output video by using Profile Editor. This window allows you to configure parameters: **Time Control**, **Audio Codec**, etc.

Description

"Description" introduces the detail of the selected profile editor. For example, 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:

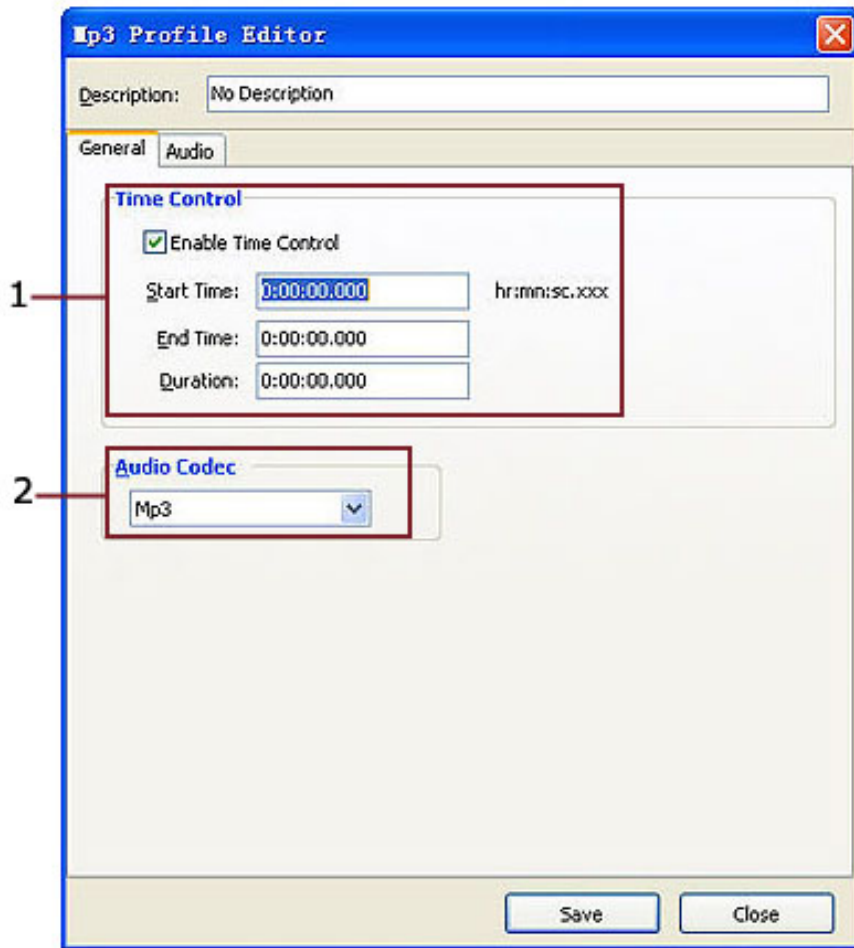
Default

1. sTime 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

You can only select Mp3 as output format.



MP3 Audio Setting Window

Set audio parameters such as **Channels**, **Sample Rate**, **Bit rate** in the tab..

1. Channels

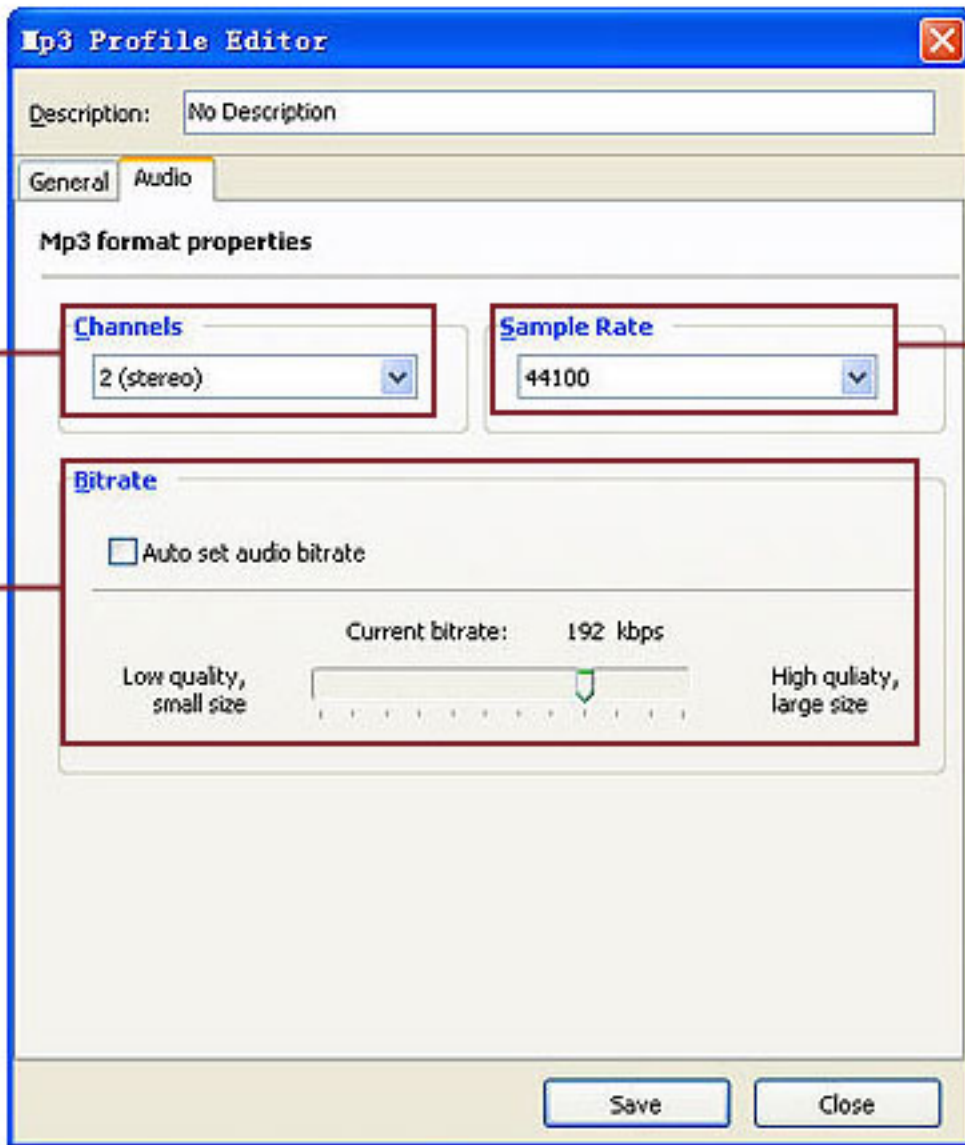
Choose Mono or Stereo in the Channels drop-list.

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". Higher bit rate results in higher quality sound but takes up more physical space per second of audio.



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To convert your video

McFunSoft Video Solution is a professional tool for converting video files and creating DVD discs. This program meets your requirements for creating 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 recommended).



Step 1: Select the output file format.

Step 2: Select input file and output file directory.

Step 3: Click [Edit Profiles](#) button to set general, audio and video settings for output video.

Step 4: Click **Convert!** to start converting. The new file will appear in your Output Directory

Converting:

You can convert different video files into one format simultaneously.

Example:

Browse your input directory and select two files of different formats (use "+" , "-" to add or delete files.):

'xxx.3pg',
'xxx.avi',

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

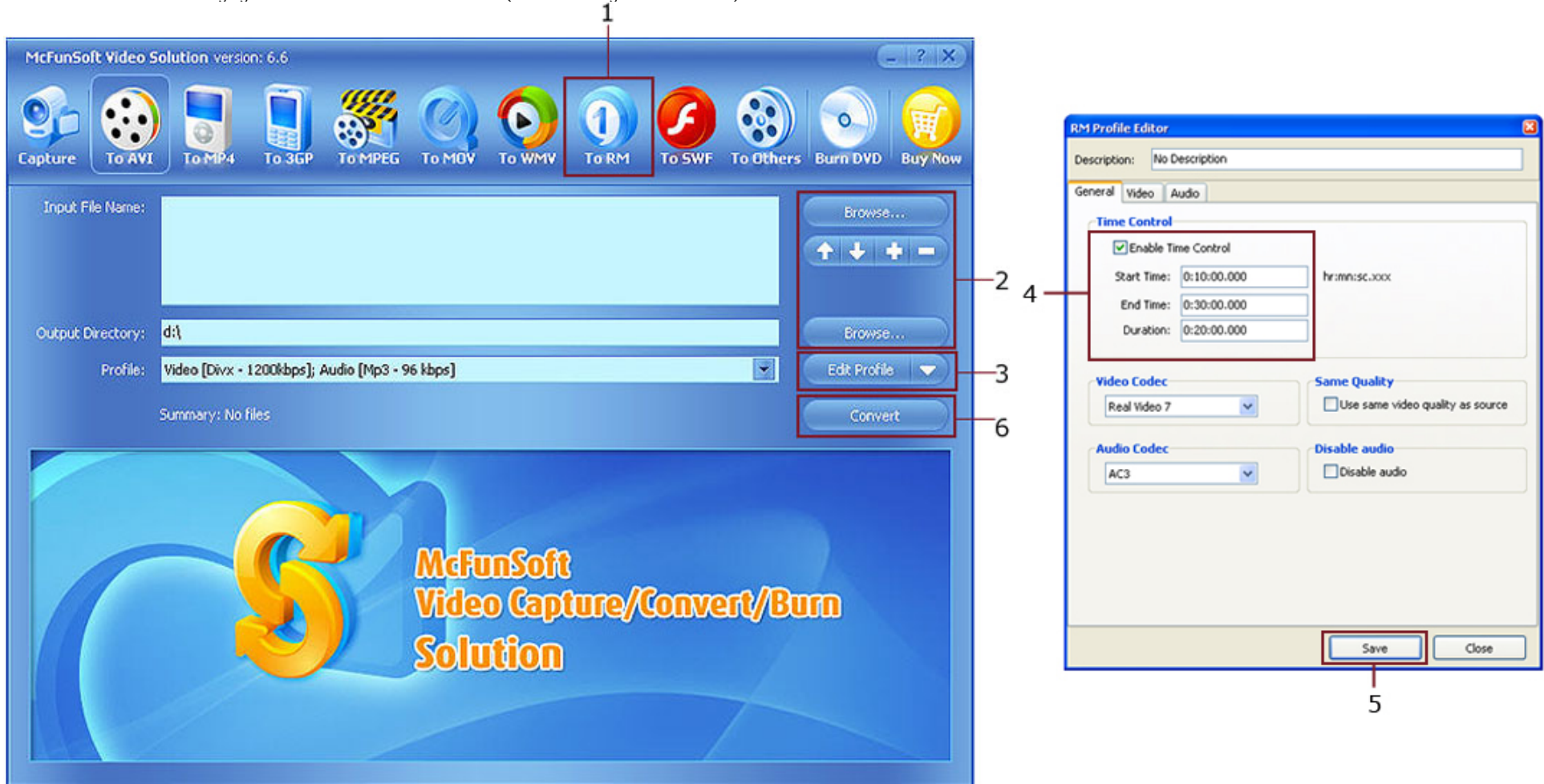
Finally, click **Convert**, and the two selected files will be converted into MP4 format simultaneously!

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To split your video

McFunsoft Video Solution can split videos into desired size.

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



Step 1: Select the output file format.

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

Step 3: Click **Edit Profile** to set parameters for output file.

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

Start Time: Indicates the time when the splitting starts.

End Time: Indicates the time when the splitting finished.

Duration Time: This will be automatically changed after customizing 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!

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To burn into disc

McFunSoft Video Solution meets your needs for DVD production. Capture, burn and watch what you shot with your DV in your home theater.

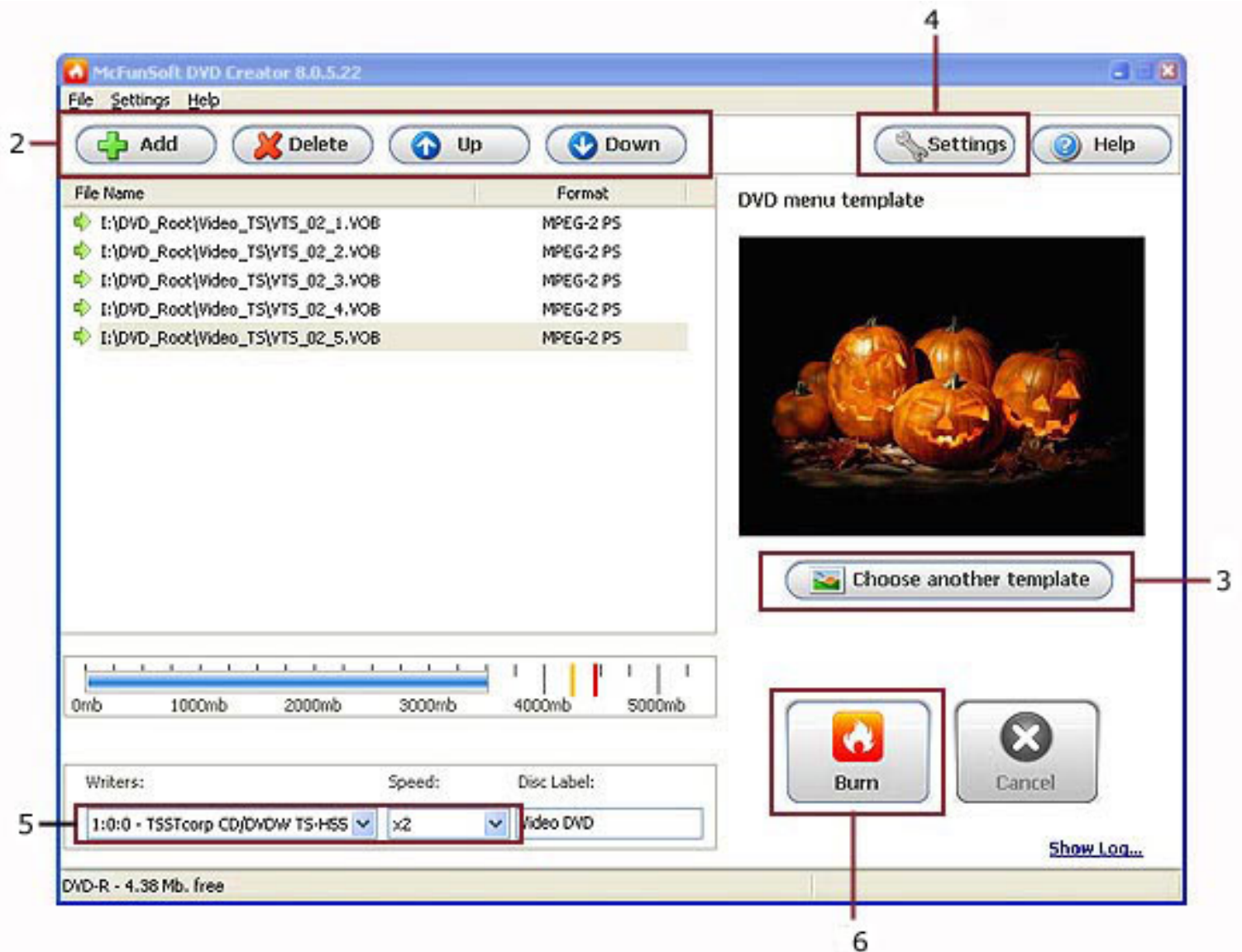
Attention: The default settings give the best results for all formats. (Default value recommended)

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



Step 2: Click the **Add** button to input file. Click the **Delete** button to delete unwanted video files before burning. 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 settings in the pop-up window.

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

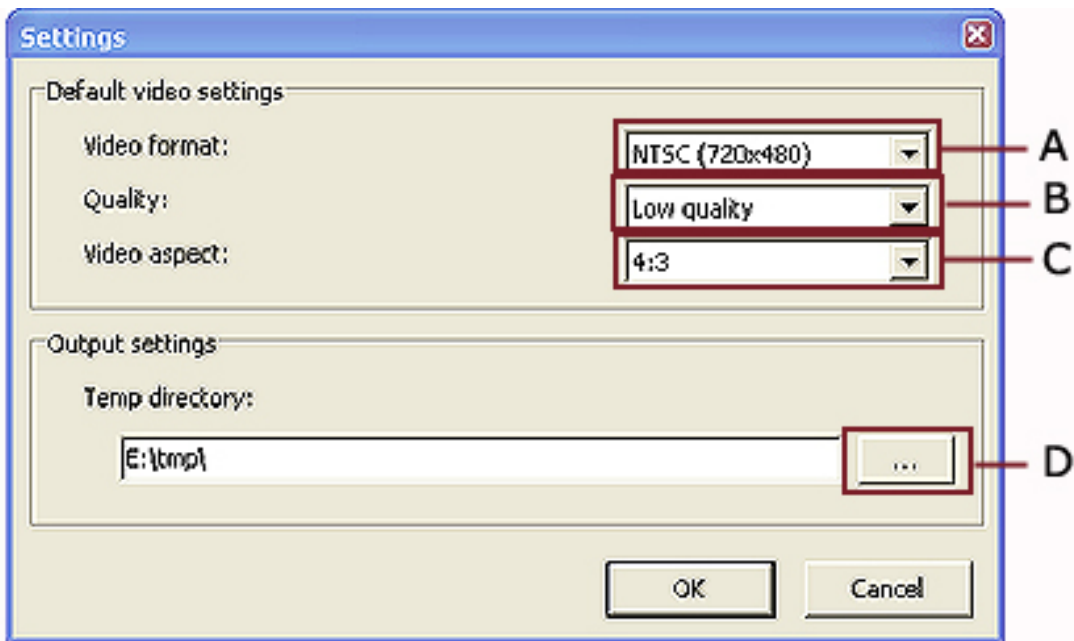
Americans please select **NTSC**.
Europeans please select **PAL**.

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

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

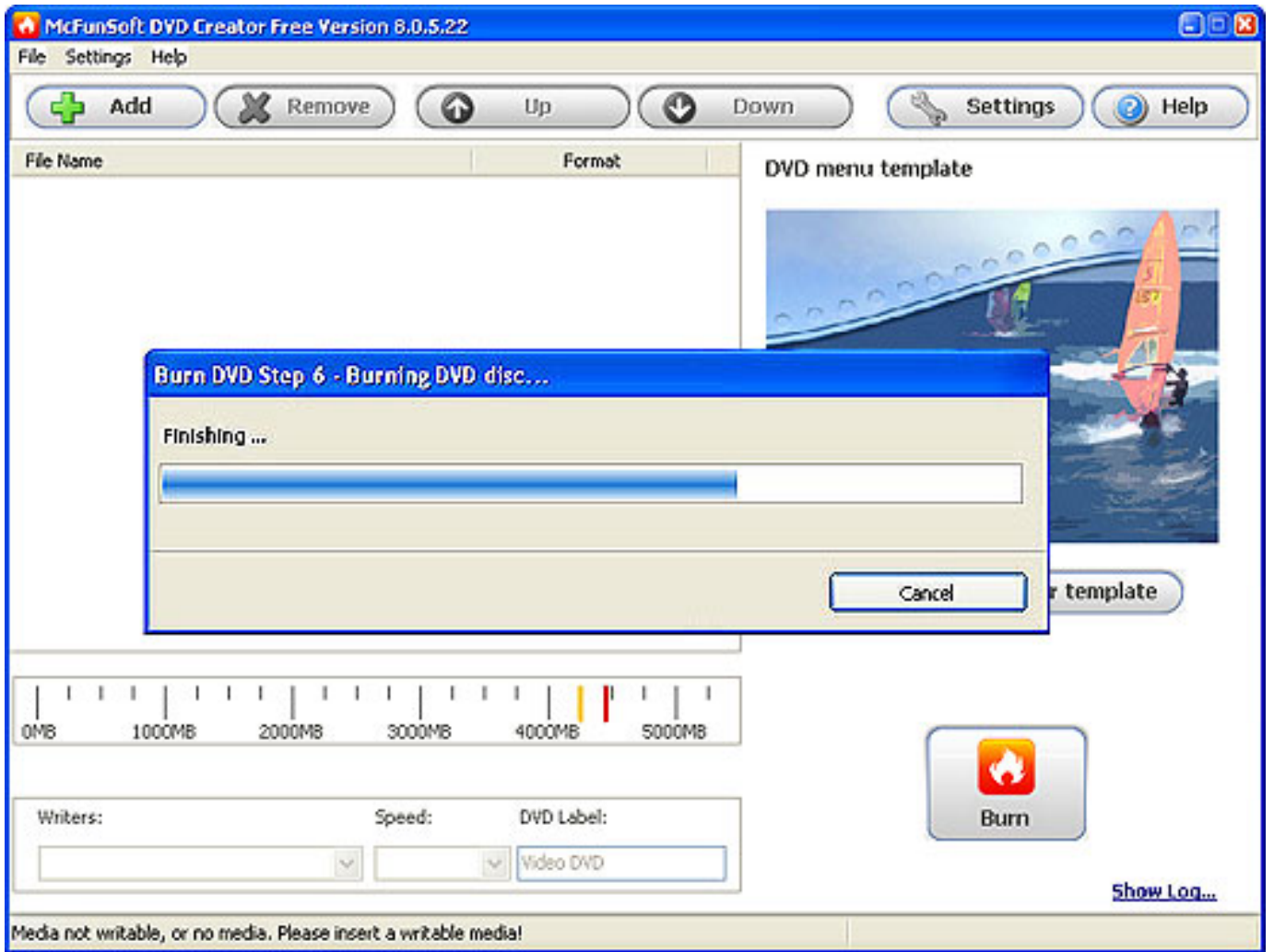
C) Video aspect indicate ratio between the width of the picture and the height of the picture Normal TV's aspect ratio is 4:3, HDTV's aspect ratio is 16:9.
Select one of the above from the drop-down list.

D) By default, the project file will be stored in your temporary (tmp) directory. If desired, select a different location by clicking the button on the right side of the window (default directory recommended).



Step 5 : Select CD-ROM and its speed from the drop lists.

Step 6: Press **Burn** now!
The **Process bar** indicates the time required for conversion



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Tech FAQs

- ▶ [What are the recommended operating system configurations for McFunSoft Video Solution ?](#)
- ▶ [What is the System Requirement of McFunSoft Video Solution ?](#)
- ▶ [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 McFunSoft Video Solution . 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 McFunSoft Video Solution . 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 McFunSoft Video Solution ?](#)
- ▶ [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 McFunSoft Video Solution ?](#)
- ▶ [How to report bugs?](#)
- ▶ [How much is McFunSoft Video Solution ?](#)
- ▶ [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 McFunSoft Video Solution ?](#)
- ▶ [Do you produce a version of McFunSoft Video Solution for the Mac?](#)
- ▶ [Can you tell me more about downloading in your website?](#)
- ▶ [More...](#)

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- ▶ [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 is the Trial version different from the Purchased version?](#)
- ▶ [What happens after I send in the order?](#)
- ▶ [Does your product support Windows Media 9?](#)
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- ▶ [Main advantages of ESD?](#)
- ▶ [How to buy: Step by step guide](#)
- ▶ [Payment Options](#)
- ▶ [Questions not covered by this Document](#)

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How to

- ▶ [How to burn video file/s to DVD with McFunSoft Video Solution ?](#)
- ▶ [How to convert video files from one format to another with McFunSoft Video Solution ?](#)
- ▶ [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?](#)

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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

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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.

Appendix C Country Code for TV Tuner

ac	Ascension Island  247	id	Indonesia (UN) 62	na	Namibia (formerly South-West Africa) (UN) 264	tc	Turks and Caicos Islands  1649
ad	Andorra (UN) 376	ie	Ireland (Eire) (UN) 353	nc	New Caledonia  687	td	Tchad (Chad) (UN) 235
ae	United Arab Emirates (formerly Trucial Coast) (UN) 971	il	Israel (formerly Palestine) (ancient Canaan) (UN) 972	ne	Niger (UN) 227	tf	French Southern Territories  686
af	Afghanistan (UN) 93	im	Isle of Man  44	ng	Nigeria (UN) 234	tg	Togo (formerly French Togoland) (UN) 228
ag	Antigua and Barbuda  (UN) 1268	in	India (UN) 91	ni	Nicaragua (UN) 505	th	Thailand (ancient Siam) (UN) 66
ai	Anguilla  1264	io	Indian Ocean Territory, British (Chagos Islands)  246	nl	Netherlands (formerly Holland) (UN) 31	tj	Tajikistan  (UN) 992
al	Albania (UN) 355	iq	Iraq (ancient Mesopotamia) (UN) 964	no	Norway (UN) 47	tk	Tokelau  690
am	Armenia (Hayastan)  (UN) 374	ir	Iran (ancient Persia) (UN) 98	np	Nepal (UN) 977	tm	Turkmenistan  (UN) 993
an	Netherlands Antilles (part of NL) 599	is	Iceland (UN) 354	nr	Nauru (UN) 674	tn	Tunisia (UN) 216
ao	Angola (UN) 244	it	Italy (ancient center of Roman Empire) (UN) 39	nt	Neutral Zone (IQ and SA border)	to	Tonga (UN) 676
aq	Antarctica 672	iv	Ivory Coast (Côte D'Ivoire) (UN) 225	nu	Niue  683	tp	East Timor (disputed by ID) 670
ar	Argentina (UN) 54	je	Jersey (Channel Island)  44	nz	New Zealand  (UN) 64	tr	Turkey (once center of Ottoman Empire) (ancient Anatolia) (UN) 90
as	American Samoa  684	jm	Jamaica  (UN) 1876	an	Netherlands Antilles (part of NL) 599	tt	Trinidad and Tobago (UN) 1868
at	Austria (UN) 43	jo	Jordan (formerly Transjordan) (UN) 962	mp	Northern Mariana Islands  1670	tv	Tuvalu (formerly Ellice Islands) (UN) 688
au	Australia  (UN) 61	jp	Japan (Nippon) (UN) 81	om	Oman (formerly Muscat and Oman) (UN) 968	tw	Taiwan (disputed by CN) 886
aw	Aruba (seceded from NL) 297			pa	Panama (UN) 507		
az	Azerbaijan  (UN) 994			pc	Pacific Islands Trust Territory (now FM, MH, GU, PW)		
dz	Algeria (UN) 213			pe	Peru (UN) 51		
				pf	Polynesia, French  (formerly Oceania) 689		
				pg	Papua New Guinea  (UN) 675		
				ph	Philippines (UN) 63		
				pk	Pakistan (once part of India) (UN) 92		
				pl	Poland (UN) 48		
				pm	Saint Pierre and Miquelon 508		
				pn	Pitcairn Island  872		
				pr	Puerto Rico  1787		
dd	German Democratic Republic (East Germany) (now Germany) 49						
de	Deutschland (Germany) (formerly East and West Germany) (UN) 49						
dj	Djibouti (formerly Afars and Issas) (UN) 253						
dk	Denmark (UN) 45						
dm	Dominica  (UN) 1767						
do	Dominican Republic (UN) 1809						
dz	Algeria (UN) 213						
ec	Ecuador (UN) 593						
ee	Estonia  (UN) 372						
eg	Egypt (UN) 20						
eh	Western Sahara (disputed by MA) (formerly Spanish Sahara) 212						
er	Eritrea (once part of ET) (UN) 291						
es	España (Spain) (UN) 34						
et	Ethiopia (ancient Abyssinia) (UN) 251						
tp	East Timor (disputed by ID) 670						
sv	El Salvador (UN) 503						

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  594	kz	Kazakhstan  (UN) 7	sc	Seychelles (UN) 248	uz	Uzbekistan  (UN) 998
bo	Bolivia (UN) 591	ga	Gabon (UN) 241	la	Laos (UN) 856	sd	Sudan (UN) 249	uy	Uruguay (UN) 598
br	Brazil (UN) 55	gb	Great Britain (ISO3166 only) 44	lb	Lebanon (UN) 961	se	Sweden (UN) 46	uz	Uzbekistan  (UN) 998
bs	Bahamas  (UN) 1242	gd	Grenada  (UN) 1473	lc	Lucia, Saint  (UN) 1758	sg	Singapore (UN) 65	uz	Uzbekistan  (UN) 998
bt	Bhutan (UN) 975	ge	Georgia  (UN) 995	li	Liechtenstein (UN) 41	sh	Saint Helena  290	uz	Uzbekistan  (UN) 998
bv	Bouvet Island  1441	gf	Guiana, French  594	lk	Sri Lanka (formerly Ceylon) (UN) 94	si	Slovenia  (UN) 386	uz	Uzbekistan  (UN) 998
bw	Botswana (formerly Bechuanaland)  (UN) 267	gg	Guernsey (Channel Island)  44	lr	Liberia (UN) 231	sj	Svalbard and Jan Mayen Islands  79	uz	Uzbekistan  (UN) 998
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	Uzbekistan  (UN) 998
bz	Belize (formerly British Honduras)  (UN) 501	gi	Gibraltar  350	lt	Lithuania  (UN) 370	sl	Sierra Leone (UN) 232	uz	Uzbekistan  (UN) 998
io	British Indian Ocean Territory (Chagos Islands)  246	gl	Greenland  299	lu	Luxembourg (UN) 352	sm	San Marino (UN) 378	uz	Uzbekistan  (UN) 998
vg	British Virgin Islands  1284	gm	Gambia, The (UN) 220	lv	Latvia  (UN) 371	sn	Senegal (UN) 221	uz	Uzbekistan  (UN) 998
		gn	Guinea (formerly French Guinea) (UN) 224	ly	Libya (UN) 218	so	Somalia (UN) 252	uz	Uzbekistan  (UN) 998
						sr	Suriname (UN) 597	uz	Uzbekistan  (UN) 998
						st	São Tomé and Príncipe (UN) 239	uz	Uzbekistan  (UN) 998
						su	Soviet Union (USSR, now 15 separate republics) 7	uz	Uzbekistan  (UN) 998
						sv	Sierra Leone (UN) 232	uz	Uzbekistan  (UN) 998
						sy	Syria (UN) 963	uz	Uzbekistan  (UN) 998
						sz	Swaziland (UN) 268	uz	Uzbekistan  (UN) 998
						kn	Saint Kitts and Nevis  (UN) 1869	uz	Uzbekistan  (UN) 998
						lc	Saint Lucia  (UN) 1758	uz	Uzbekistan  (UN) 998
						pm	Saint Pierre and Miquelon 508	uz	Uzbekistan  (UN) 998

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 McFunSoft Video Solution decodes 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 McFunSoft

**Take the lead in multimedia;
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Being a shareware developer of multi-media authoring solutions, McFunSoft take the lead in this domain. We have professional experience in execute our faith - Think as A Customer. This has given us the ideas to create reliable and easy-to-use software products.

With our sleek, clear interfaces, McFunSoft R&D Center creates simple solutions to complicated problemse.

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