A User Guide Of DVDFab 9
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Copyright and Disclaimer

This User Guide is intended for users, customers or Software Review Specialists to get started with the re-imagined DVDFab 9 software and, is free from Fengtao Software Inc. All rights reserved. Any attempt to use it for any commercial purpose is strictly prohibited. This publication shall not be, even partially, reproduced, redistributed, nor retransmitted in any form or by any means electronic, mechanical, photocopying, recording, or otherwise without the prior written permission of Fengtao Software Inc.
1. Introduction

Welcome to Fengtao Software Inc., the leading software publisher specializing in providing world top-notch home entertainment solutions. Succeeding DVDFab 8, this redesigned DVDFab 9 is the next generation of its DVD, Blu-ray, and video backing up, converting and authoring apps. The restructured interface designs and layouts of this major update have only one mission: Better the user experience up to a higher level like never before!

2. Update DVDFab

There are two ways to update DVDFab to the latest version:

2.1 Live Update

2.1.1 Click the Help Button at the top right corner of Main Interface, and then click Check for Update from the context menu to see if there is a new version available;
2.1.2 Once a newer version is detected, click the Update button to download the update package;

![Live Update](image1)

2.1.3 Finishing the downloading of update package, program will ask you to exit the current running DVDFab to perform the installation of update file, click “Yes” button;

![Live Update](image2)

2.1.4 After clicking the Yes button, the live update is initiated on site immediately;
2.1.5 In seconds, you will be prompted that the new version is installed successfully, this time, click OK to start up the new version.

![Live update](image)

2.2 Traditional Update

A traditional update asks users to visit DVDFab official website at [http://www.dvdfab.cn/download.htm](http://www.dvdfab.cn/download.htm) to download the setup file of a DVDFab 9 newer version, and then follow the setup wizard to perform the installation on your computer.

3. Start up DVDFab 9

After the installation process finishes, click DVDFab 9 desktop shortcut icon, a Flash Window pops up, signaling that DVDFab 9 is accessing the server information. Just wait a sec for its completion.

![DVDFab logo](image)

Other Info on the Flash Window: DVDFab logo, trademark, software version, release date, publisher, and publisher’s website.
**Important Note:** Accessing server information requires a live internet. If your computer is not internet connected, this process shall fail, and thus give you an event note like below:

![Error Message]

4. **Activate DVDFab 9**

Different from the previous generation, DVDFab 9 employs the advanced online verification method for activation. By doing this way, you never need worry about losing your license code again! To remind you: activating DVDFab 9 requires a live internet connection, so check your Firewall or anti-virus software settings to make sure they do not block DVDFab 9 from accessing the internet.

4.1 **Activate DVDFab 9 upon installation**

4.1.1 Start DVDFab 9 after installing it on your computer;
4.1.2 Click "Activate" button on the up-coming window asking you to "Buy Now", "Activate" and "Try";
4.1.3 Put in your registered e-mail and password at DVDFab Member Center;

Note: if you are not a member, click here to create one.

4.1.4 Click "Activate" button.

4.2 Activate DVDFab 9 from trial version

4.2.1 Click the on the top right corner of the main interface;
4.2.2 Click “Activate” tab from the context menu, the third one from top to prompt the Activation Window;

4.2.3 Put in your E-mail address used for the original purchasing, and your Password at DVDFab Member Center and then click “Activate”;
Note: if you are not a member, click here to create one.

4.2.4 Once it activated successfully, the License Info Window will come up, listing all the DVDFab options, and your license information.

5. Main Interface

Click Start DVDFab to call up DVDFab Main Interface. See below:
5.1 Help Button

The Help Button sits at the top right corner of the Main Interface. From its context menu, you can see the following tabs:

5.1.1 Common Settings: this tab leads to the Common Settings panel, which we will cover a lot in the later chapters.
5.1.2 Open Recent: this can add a source quickly from your recently added list;
5.1.3 Activate: this leads you to the registration window.

![Activate Window](image)

5.1.4 License Info: this window shows current status of all your paid DVDFab products.

![License Info Window](image)

5.1.5 Online Help: this takes you to DVDFab online tutorial page.

5.1.6 Forum: click this tab if you want to seek what are all the other people talking about DVDFab, or if you want to seek some technical help from other experienced users.

5.1.7 Check for Update: click this to see if there is a new update available. Note that this requires a live internet.
5.1.8 Open Log Folder: click this to open the log directory where all the log files are located.

5.1.9 About: this window shows software version, publisher, publisher’s portal site, and etc.
5.1.10 Social Networks: the three logos at the bottom will direct you to DVDFab’s official pages on Twitter, Facebook and Youtube, respectively.

5.2 Option Bar

Namely, Option Bar is to switch DVDFab Options among Copy, Ripper, Converter and Creator. Just click these four tab buttons to switch into different Main Interfaces of each option.

5.3 Mode Switcher

The name of this button varies, in Copy and Creator tools, it is called Mode Switcher, which leads to Mode Panel; while in Ripper and Converter tools, it is referred as Profile Switcher, directing to the internal Profile Library.
5.4 Profile Library

As shown above, when you click the Profile Switcher, system will direct you to the Profile Library. This Profile Library stores a ton of predesigned profiles targeting at a great variety of video formats and devices made by almost all the popular manufacturers worldwide. They are pretty well organized based on the producers who have made them, or video formats. You can easily find and select the one you need.

At the bottom right corner of each profile lays a blank five star, which you can mark it into orange, meaning this marked profile is the one you use most of the time, and you have added it into your favorite profile lists available at the “Personal” area. Next time you start a new task, you just need to go to the Personal area and select it. Of course, you can also unmark a profile away from your Personal area.
5.5 Add Button

There are two `+ Add` buttons, one sitting at the top left corner of the main interface right under the DVDFab Logo, the other housed at the central of the Operation Window.
5.6 Operation Window

As shown, Operation Window occupies the most part of the main interface. The contents showed here may be slightly different when you choose different Options and Modes. By its name, you can choose the title, or even the chapter range you want to copy, rip or convert; the audio track(s) and subtitle stream(s) you want to keep for the result. Changing the sequences of the titles can be much easier, just drag the title and drop it where you want it to be, or you can also re-sequencing them in the Task Queue, by the
same manner.

5.7 Task Queue

Task Queue sits at the top right corner of the main window, right under the help button. Depending on what you have set at Common Settings panel, Task Queue will list all the tasks you added, or just a part of them.

5.8 Output

Output: in Copy and Creator options, it means to select an output size when backing up DVDs and Blu-rays, or creating DVDs and Blu-rays, such as DVD 9, DVD 5, BD 50, BD 25, BD 9, BD5, etc; while in Ripper and Converter options, it means to select the profile, using the Profile Switcher.

5.9 Save to

Save to refers to the destination of the resulting backup. The default target in Copy and Creator options
is your writer, be it a DVD writer labeled by orange disc or a Blu-ray writer by a blue disc:

You can click or to output DVD/Blu-ray movie folder or ISO image file respectively; in Ripper and Converter option, the default destination is a directory located on your computer C:\ drive, you can click to change a preferred location.

6. Advanced Settings

6.1 In Copy tools

The Advanced Settings button is right under the Mode Switcher and above the Volume Label, lying at the left pane of the Main Interface.

![Advanced Settings panel when the source is DVD](image)

In Copy tools, including DVD Copy and Blu-ray Copy, it has the following settings as shown below:
Advanced Settings panel when the source is Blu-ray (3D)

6.2 In Ripper and Converter tools

The Advanced Settings button is right under the Profile Switcher, lying at the left pane of the Main Interface. You can click “Advanced Settings” button to preset parameters, like Video, Audio, 3D or Subtitle related settings, if necessary.

6.2.1 Video Settings: In this section, you can change video codec, encoding method, resolution, and frame rate; set video quality, bit rate, output size, and bits/pixel; choose deinterlacing or not; split by chapter or not.

6.2.2 Audio Settings: Similar to video settings, at the Audio section, you can preset audio codec, sample rate, audio channel, bit rate and volume.

6.2.3 3D Settings: 3D settings section will be activated only if you choose a 3D profile from the profile
library. In this section, you can: choose 3D format from Anaglyph, Split Screen, Two separate files and Two video streams in one file; set values for Gain and Visual Depth.

6.2.4 Subtitle Settings: this section lets you decide how to deal with the subtitles during the ripping or converting process. Choices vary from one case to another: extract to idx/sub file, direct render to video, remux into file, VobSub subtitle, or PGS subtitle, depending on how many subtitle streams you want to keep, what profile you choose and, what device you are going to view the resulting video on.

If, during the ripping, you want to add your own subtitle, you can click the Subtitle section of the title you are going to add external title into, and then you will see a popup widow like below:
7. Video Effect Settings

Sitting right under the Option Bar in Ripper and Converter tools Main Interface respectively, these two “Edit” buttons lead you to the Video Effect Setting windows. This panel is subdivided into 6 parts, an Info Panel, a Trim Panel, a Crop Panel, a Watermark Panel, a Subtitle Panel and a Video Panel, where you can do different things.
7.1 Info Panel

Source Preview Window: this is for users to compare the output video effect.
Output Preview Window: this is for users to see the output effect that the changed setting will make.
Aspect Ratio: Specify the aspect ratio of source title, 16:9, 4:3, 2.35:1, 2.39:1, or customize it using the customize option.
Rotate: users can rotate the video using the two rotate buttons, 90 degrees to the left or right per time.
Deinterlacing Method: there are 4 options available, fast (Linear blending), good (YADIF + Temporal), Best (YADIF + Temporal + Spatial), or just turn it off.
Volume: drag the sliding bar to the left or right to decrease or increase the volume, or just put an exact number in the percentage box to achieve the same goal.
7.2 Trim Panel

As its name indicates, Trim feature lets users select and cut just a short duration of a DVD, Blu-ray movie, not based on chapters but on second, and other videos to convert for their portable devices. By doing so, they will be able to take the converted video clips (their favorite parts of movies) to watch anywhere time permitted.

Drag the sliding button, or click the Forward and Backward buttons to position your video clip, and then click buttons to set the start and end points respectively. After doing this, you can click the Preview button to preview the selected video clip.

If the preview is okay, then click the OK button on this window to return to previous step.
The Invert function lets you choose the opposite parts of the selected clip, which means to cut off the selected clip from the original. And if the “Merge trimmed clips” is activated, then the rest parts will be merged into one single video clip.
By multiply applying the Invert function together with the sliding bar, users are able to cut multiple clips off the original video and merge the rest clips into one single video, this is especially helpful when parents do not want their kids to see some adult-only scenes from a movie.

7.3 Crop Panel

The crop function is to let users decide which part of the video should be displayed in the converted result, which is especially helpful when the source video has large portion of blank bars around. The options of Crop Aspect Ratio vary from Original (means not crop at all), 4:3, 16:9, 2.35:1, 2.39:1 to Customize. Distance to Edge: Type in the real value at the given four boxes to specify how to deal with the displaying area or crop it at the Source displaying part manually.
7.4 Watermark Panel

At the watermark panel, users can freely add a picture or a string of text to embed it into the final video, literally any part of the screen. Users can also manually shrink or enlarge the picture. If it is a string of text, users can also decide the text font, color, size, bold or not, italic or not, etc. Transparency: slide the bar or directly put a number into the box to decide the transparency of the picture or the text.
7.5 Subtitle Panel

This is the place for users to add their external subtitles to the final video. Just click the folder icon to locate the target external subtitle and then they will be able to embed it into the video.

7.6 Video Panel

This is the place where users can adjust the video brightness, contrast and saturation.
8. Common Settings

To open the Common Settings window, you need click the Help Button available at the top right corner of Main Interface.

8.1 General

A lot of basic settings can be preset here.

8.1.1 General

Language: choose your mother tongue to display DVDFab interface;
Open output directory when done: automatically open the containing folder where final results are located after a task is finished;
Temporary Directory: the place where DVDFab saves the temp files during each task;
Allow upgrading to Beta version: this feature will make Beta versions available to you;
Join our user experience improvement program: totally depend on users themselves to enable this option or not. But DVDFab is always open to suggestions, feedbacks and advices to make our software better;
Shut down the main interface: upon this action, you can let the program minimize to system tray or exit itself;
CPU cores running for DVDFab: you can configure 1 or 2 CPU cores to run for DVDFab;
Move program icon to systray when minimizing main interface: when main interface is minimized, program icon shall be moved to system notification area.
Add Auto-play handler: enable this feature, DVDFab will auto start itself and access the disc whenever you insert a disc in your disc tray;
Add context menu to open video source by DVDFab: this option will make DVDFab appear in the context menu when you right click on the video file on your local disk;
Allow running multiple instances of DVDFab: Literally, this means by enabling this option, more than one threads of DVDFab can be run simultaneously;
Prevent standby/hibernation/screen saver when processing: this means when you are in the midst of a task, system will prevent itself from switching into power saving and sleep mode, as the same time, screen saver cease to work, too.
Check for on-the-fly decrypter automatically: DVDFab will auto-detect the other decrypting software's possibly running on background and will alert users to close them for more reliable performances of DVDFab.
Check for DMA automatically: When this option is active, DVDFab will auto-check if your system is in DMA mode, if not, which means PIO transfer mode is enabled, there will be a pop-up window with a button allowing you to assert DMA mode for optical drives and hard discs.
'Reset DMA' button right behind allows users to check DMA status at other times instead of upon startup, e.g. system will probably switch to PIO mode especially after dealing with a dirty or scratched disc, which can be noticed by the obvious slowdown in reading/writing speed. At this point, you can click this button and then reboot your PC to make sure DMA mode is enabled.

8.1.2 A/V Codec
Settings on this page refer to the applied video decoder and encoder per different sources (H.264/VC1/MPEG2). If your computer is powerful enough, you can disable all the GPU codec’s to pursue a most dependable processing.

Video Decoder: Currently, there are Software, CUDA, DXVA, AMD APP, Intel Quick Sync and Core AVC available for H.264 source; Software, CUDA, DXVA, AMD APP, and Intel Quick Sync available for VC1 and MPEG2 source; only Software and CUDA are available for now for the H.265 video sources.

Video Encoder: A program which uses pre-defined algorithms to encode, or compress audio or video data for storage or transmission use. Currently, Software, CUDA and Intel Quick Sync are available on H.264 sources, and only Software and CUDA are available for now for the H.265 video sources.

**Lightning-Recoding:** The homebrew technology by DVDFab applied in Blu-ray Copy Full Disc and Main Movie modes to considerably enhance the converting speed when it comes to compress H264 video.

**Lightning-Shrink:** DVDFab Lightning-Shrink takes the advantages of nVIDIA’s CUDA hardware acceleration or Intel Quick Sync, to significantly cut down the time you spend on ripping or converting Blu-ray movies, shockingly to within an hour.

**Codec Information:** This information shows the capability of your Graphic Chipset and supported video codec’s of your system.

### 8.1.3 Meta Info

Meta Info is a brand new feature introduced in two of the DVDFab Blu-ray related products, Blu-ray Copy and Blu-ray Ripper, to be more specific. The primary goal of this feature is to gather the above mentioned
Meta information of Blu-ray discs, which can be achieved by DVDFab customers manually editing and uploading via the DVDFab client. If users want to become a Meta Info contributor, then they will need to check the two options here.

8.1.4 Preview

Built-in DVDFab video player to preview the title(s) before copying/converting process starts to avoid setup error(s).

8.1.5 Sound

Choose your ideal sound for alerting when event, success or failure of a task, happens.

8.1.6 Network

Confirm how DVDFab is connected to a live internet: Directly connect to internet or use your own proxy settings.

8.1.7 Diagnosis

Log: These files store all the critical information that DVDFab Service Team or developers might need for troubleshooting, please keep them stored and submitted upon request whenever there is a problem.
dvdfab_internal.log: Apply to all problems. Time stamped, most recent at the bottom. Please edit to include only the most recent or relevant log session.
dvdfab_burn.log: Apply to all problems. The entries are time stamped with the most recent at the top.
dvdfab_process.log: Apply to cases when DVDFab crashes but the crash report window does not come up correctly or if internal error codes appear in the DVDFab window (“Task Failed…”). Time stamped, most recent at the bottom.

Other Information log files may include: If a certain issue happens with all discs or just one; Your operating system/CPU/memory configuration; If you are using external hard drives or optical drives; If you have made any recent changes to your OS or system hardware; If you have other DVD or BD software installed, particularly if recently added.

Directory: The directory/path on your local HDD where the above mentioned log files is stored. Click the button behind to move to other location on your HDD where you like to store them.

Default location for DVDFab Log files:
Win 7--C:\Users\User Name\My Documents\DVDFab\Log
Vista -- C:\Users\User Name\Documents\DVDFab\Log
XP -- C:\Documents and Settings\User Name\My Documents\DVDFab\Log

Report: If activated, DVDFab is supposed to pop up a report window when it crashes as below.
8.2 Drives

8.2.1 Drives

Specify the drives which should be processed.

8.2.2 Read
I/O Mode: DVDFab I/O is the only option for now.

Reading Error Control

Ask retry/ignore/abort when reading error: Enable this option, system will pop up a window asking you how to deal with the reading error encountered.

Ignore reading errors automatically: Choose this option, system will ignore the encountered reading errors without the pop-up window mentioned above.

Blu-ray - File Reading Mode: To save the inconvenience of invite a third party driver, an internal UDF 2.50 parser is introduced by DVDFab Blu-ray Copy to read Blu-ray discs.

Do not eject source disc when finished copying: By default, system will eject the original disc when copying phase completes, disable it if you don’t want this happen.

8.2.3 DVD/Blu-ray Write
Choose Burning Engine: Currently, there are DVDFab Burning Engine, VSO Burning Engine, Nero Burn ROM and Imgburn available.

Write Speed: Choose reasonable burning speed per your writer and blank media’s capability. Keep in mind: slower in speed, the better in quality.

DVD/Blu-ray Writable Media Size: 4300 MB for DVD-5 and 8100 MB for DVD-9 are recommended. The recommended size for BD-25 is 23000 MB, 43000 MB for BD-50 size. Users also can customize the size by the drop down selector. Bear in mind: Burning too close to the disc edge might increase the potential of playback issue.

Overwrite rewritable media automatically: Check this option to allow system overwrites the rewritable media automatically.

Do not eject disc when burning finishes: Check it or leave it alone per your taste.

Verify disc after burning finishes: This additional feature serves as a checksum whether or not the disc is burnt properly.

Set booktype to DVD-ROM (only for DVD+R/RW media):
Some standalone players are friendlier with DVD-ROM booktype, click this option to make the resulting disc more compatible. Note that not all drives support this feature.

8.2.4 Hybrid disc

Theoretically, a Hybrid disc could refer to:
1). A disc that contains both DVD-Video and DVD-Audio content or SACD content. (More accurately called a universal or AV DVD. The DVD-Audio standard allows this. The SACD standard does not officially allow video, so it’s unclear what a given SACD player will do with a hybrid SACD+DVD-Video disc.) Other variations of this hybrid would be a disc with both DVD-Audio and SACD content, or a disc with all three formats.
2). A disc with two layers, one that can be read in DVD players and one that can be read in CD players. (More accurately called a legacy or CD-compatible disc.)
3). A disc containing one BD layer as well as two DVD layers, with a total capacity of 33.5 GB (25 GB + 8.5 GB). The disc follows the “Blu-ray Disc, Hybrid Format” specifications provided by the Blu-ray Disc Association. The disc has a blue laser along with two layers like ordinary DVD laser. The Blu-ray and DVD layers are separated by a semi-reflective film that reflects blue light while it allows the red light to pass through the DVD layer underneath.

Note: Only certain kind of drive can read both layers of a hybrid disc, and to play the hybrid disc requires a certain player.

DVDFab offers a solution by enabling the preset as far as hybrid disc is involved: which layer is meant to be automatically recognized by DVDFab upon inserting the disc, CD, DVD, HD-DVD or Blu-ray?

8.3 DVD

8.3.1 DVD Protection

Remove RC, RCE, APS, UOPs, structure protection:
In order to copy the DVD disc, all these different copy protection systems are to be removed.

Sidenote on UOPs(User Operation Prohibitions): A form of use restriction used on video DVD discs and Blu-ray discs. Most DVD players and Blu-ray players prohibit the viewer from performing a large majority of actions during sections of a DVD that are protected or restricted by this feature, and will display the no symbol or a message to that effect if any of these actions are attempted. It is used mainly for copyright notices or warnings, such as an FBI warning in the United States, and "protected" (i.e., "unskippable") commercials.

Remove RCE, specify the disc's region code:
To remove the 'RCE - Region Code Enhancement', you will be required to choose the correct region code at a pop-up window. The region code usually can be found on the original DVD package.

Remove layer break:
When compressing a DVD-9 size content to fit on a DVD-5 blank disc in Main Movie, Full Disc, Customize, Customize Split or Merge mode, this option is supposed to be enabled, while DVDFab will ignore this
setting and preserve the original layer break when it comes to Clone mode.

8.3.2 DVD Copy

The settings here apply to all the copy modes of DVD Copy.

Create dvdid.xml file: This checkbox allows the user to specify whether a small disc ID file will be written along with the output folders. The file allows other applications to automatically find cover art and other information about the title on the internet, e.g. Windows Media Center.

Title Assignment Setting: if possible, put more titles on disc 1 or disc 2 as you prefer.

Default CGP: You can choose Black Screen or FabCom to replace the titles that are not be copied.

8.3.3 PathPlayer

What's PathPlayer?
PathPlayer gives DVDFab the ability to copy DVD content only allowed to be played on a real DVD player. In this way, DVDFab will ignore unplayable content which may contain copy protection.

How PathPlayer works?
PathPlayer works like a real DVD player, it follows every play path of a DVD, checking everything that you can access on a DVD player with a remote controller. When PathPlayer finishes, DVDFab can know all the content that a real DVD player will read. The copy protection exists in the unplayable DVD content, DVDFab will not read it when copying.

Disable PathPlayer:
Since PathPlayer may need several minutes to open a DVD, if you know the disc is not copy protected, you can disable it to save time.

Enable PathPlayer when necessary:
DVDFab will not enable PathPlayer in normal cases when opening a DVD. Once DVDFab detects a reading error when copying DVD, it will ask user to restart DVDFab to reopen the DVD using PathPlayer. In this way, DVDFab has the ability of opening DVD as fast as before, and uses PathPlayer when really necessary. If the reading error is encountered more than a minute or two into the copy process it will save time to use the default ("Always Enable") option below.

Always Enable PathPlayer (Default):
Improvements in PathPlayer and reductions in the scanning time have allowed this to become the default option. This option gives DVDFab the most information about your DVD and will usually result in a better, more reliable backup copy. You can still set the other two options (above) if desired. PathPlayer must be in “Full Disc” mode for the "Jump To..." navigation features to be active.

Scan BOVs (Button Over Video):
Button Over Video (BOV) is a feature seen more and more on recent DVDs. The purpose of BOV is basically to make a transition from your main movie to some extra that is in another VTS. One good example is the white rabbit feature in The Matrix. Other examples are Bambi II, Stuart Little 2, Spiderman and Men in Black II.
Scan cells lasting less than # seconds:
DVDFab scans the title VOBs for BOVs. To speed things up and not waste time scanning parts of the VOB that are unlikely to contain buttons, DVDFab only scans cells that are of small to average duration. The preferences allow you to adjust the maximum duration of cells which will be scanned for BOVs. Default value is '300', which is a cell time of 5 minutes.
Scan one VOBU every # VOBUs:
Set it to 1 to scan every VOBU in the selected cells (slowest but safest). Set it to a higher number to by-pass some VOBUs within a cell. In any event, for safety, the first and last VOBU of every cell in the VTS is scanned. Our tests show the default setting of 30 is reasonable. At this setting, the first VOBU is scanned, then 30 are missed, then another is scanned, then another 30 are by-passed, until the cell ends, at which time the last VOBU is scanned. Default value is '30', which is about 15 seconds of video.

Multiple BOVs:
This checkbox option (see screen capture below) tells PathPlayer to check for additional BOVs when it finds one set in a cell. This is found only rarely on certain discs for unusual features (like Easter eggs). This deeper analysis takes additional time, so the default is unchecked for faster PathPlayer analysis. You can enable the feature by checking the box if you think there are features like this on your disc.

8.4 Blu-ray

8.4.1 Blu-ray Protection

Make sure that "Remove AACS, BD+, RC, BD-Live, UOPs" options are enabled. The names are different copy protection systems and if you don’t remove them - then the Blu-ray DVD will still be copy protected and cannot be copied.

Remove AACS(Advanced Access Content System):
The Advanced Access Content System (AACS) is a standard for content distribution and digital rights management, intended to restrict access to and copying of the next generation of optical discs and DVDs.
The specification was publicly released in April 2005 and the standard has been adopted as the access restriction scheme for HD DVD and Blu-ray Disc (BD).

Remove BD+/Remove BD+ Firmware Warning:
BD+ is a component of the Blu-ray Disc Digital Rights Management system. It was developed by Cryptography Research Inc. and is based on their Self-Protecting Digital Content concept.

Remove RC (Region Code):
Blu-ray Discs are digitally encoded with a "region code" (A, B, or C, sometimes referred to as 1, 2, or 3), which allows the disc to play only in a Blu-ray player with the same region code.

Remove BD-Live:
Some of BD-Live content are AACS encrypted, and the backup disc you are watching it without decryption.

Remove UOPs (User Operation Prohibitions): Please see above DVD part.

8.4.2 Blu-ray Copy

Enable full scan: Since the logic of scanning just search 10% of full disc, which is not very accurate. If you want to get the perfect and accurate result, please enable this full scan function.

AVCHD (BD5/BD9) Compatibility Settings:
Create restrict compatible AVCHD folder structure (without certificate folder): If you play the disc that you ripped in stand-alone player, please enable this radio button.
Create software player friendly AVCHD folder structure (with certificate folder): If you play the disc that you ripped in software player, please enable this radio button.

Encoding Settings: choose whether you want to perform the task as fast as your computer is capable of
but receive a comparatively normal video quality, or you prefer a comparatively lower speed with excellent video quality, it’s all your call.

8.4.3 Blu-ray Copy Information

Blu-ray Information refers to the video and audio technical specification from a Blu-ray movie disc, including disc size, playlist content, as well as stream codec and bit rate details.

Why do we need BDInfo report?

Upon the finishing of a Blu-ray backup process, some users may want to know the detailed information on the Blu-ray title they have just backed up, which may include the bit rate and codec information on both audios and videos. This can be done by some third party tools which may require an extra amount of time, long or short, to process some additional analysis, which means inconvenience to most of users. This is when and where DVDFab BDInfo feature kicks in, to make this BD info collection process drastically short.

8.4.4 Cinavia Protection

**DVDFab CinaviaRemoval HD** is the world's first matured technology which is able to remove the Cinavia watermark from a disc completely and permanently, presenting users a clean backup with no Cinavia watermark traces left in. In other words, they can play back the copied discs or converted files on any Cinavia-infected devices, such as a PS3, without being interrupted again. The video playback no longer halts and, the audio no longer mutes!

**Extra Attention:** Although being sold as a standalone option, CinaviaRemoval HD does not work all alone. It is incorporated into Blu-ray Copy (main movie copy mode for the time being), Blu-ray Ripper and Blu-ray to DVD Converter. In other words, to use this option, either of the three products is required not to be expired.

For how to remove the Cinavia watermark, please visit: [http://www.dvdfab.cn/cinaviaremoval_hd.htm](http://www.dvdfab.cn/cinaviaremoval_hd.htm)
8.5 Streams

This part defines how DVDFab 9 preselects Audio track(s) and Subtitle stream(s) after analyzing sources.

8.5.1 Audio

You can let DVDFab preselect audio tracks based on language and other factors. Every DVD is different so verify that the pre-selected tracks contain the audio you want on your backup.

8.5.2 Subtitle

You can let DVDFab preselect subtitles based on the specific language. Make sure the subtitles selected are for the main movie and not a commentary or other special feature. You can override these pre-selector at the Operation Window where the subtitle selection box appears. You can click the button at the top of the page to have NO subtitle pre-selected.
8.6 Conversion

8.6.1 Convert

This page contains some settings that apply to DVD Ripper.

<table>
<thead>
<tr>
<th>Memory Usage: Use this selector to change the way DVDFab uses your computer's memory resources. &quot;Auto&quot; will work well for most users, but you can experiment with the other settings, which may improve mobile conversion speeds. Note that &quot;MAX&quot; may not produce the fastest speed; each PC system will be different so try each setting to see the result.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD Size: Customize the size of a CD when converting so that the files produced will fit in the desired space.</td>
</tr>
<tr>
<td>Cropping: This checkbox allows you to turn the cropping function on or off by default. You can also set this manually using the buttons on the Crop Settings page as you set up a conversion.</td>
</tr>
</tbody>
</table>

8.6.2 Output

Define how to name the output file, based on DVD Source, Blu-ray Source or File Source and how to manipulate keywords.
8.6.3 PSP

This page controls the way of creating PSP file name, orderly or randomly. If you click the “Default” button at the bottom Common Settings window, all the settings will reverse back to factory settings.

8.6.4 File Transfer

File Transfer is a handy tool for users to automatically transfer the converted files made by DVD Ripper, Blu-ray Ripper or Video Converter after the conversion is done, to iTunes, PSP and ZUNE.

9. Update of this User Guide

Fengtao Software Inc. reserves all the rights to update, and change this User Guide per special needs without notice to users, and customers.