


Steps to use ROOFULL on Windows computers:

1. For a laptop, if the battery power is low, please charge the power adapter for the MacBook until 40% or above power (because macOS will reduce the USB port output power if the battery power is low)

2. Please plug the data cable **directly** into your mac's USB port or a **self-powered USB hub**.

* For some models, the data cable **on the back** (bottom) of the device.

* If the optical drive you purchased comes with an extra power cable and the power of the computer's USB port is insufficient, you can use this power cord to get extra power from the USB power adapter or power bank.

3. Your Windows should detect this device and you can see a DVD RW icon  in the Windows File Explorer.

* It's a common problem if your Windows computer cannot detect this drive, please get in touch with us for troubleshooting steps.

4. If you want to play video (movie) DVDs, please confirm the region code first.

- Right-click the **DVD-RW drive icon**
- Select **Properties**
- Open the **Hardware** tab
- Select the DVD drive, and at the bottom, do **Properties**
- Click the **DVD Region tab**
- Select the code to **number 1** then press **OK**

* Number 1 region code is for the U.S. and Canada video DVDs. If you want to play video DVDs from other countries, please set the area code to the corresponding number. Here are the area code details:



https://en.wikipedia.org/wiki/DVD_region_code

* CDs have no region code restrictions (region free)


5. After confirming the region code, please open the tray and fix the disc on the rotating shaft in the middle with slight pressure, and close the tray. Wait seconds and **follow the steps below to play, burn, or rip the disc**.

- [Play CDs with Windows Media Player or VLC player](#)
- [Play DVDs with VLC Player or Other Apps](#)
- [Burn CDs \(or data DVDs\) with Windows Media Player](#)
- [Burn Playback Video DVDs](#)
- [Rip CD with Windows Media Player](#)
- [Rip \(Digitize\) DVDs with VLC Player](#)
- [Rip \(Digitize\) DVDs with HandBrake](#)
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- [Rip \(Digitize\) DVDs with Free DVD Ripper](#)

Play CDs with Windows Media Player or VLC player:

1. Insert the disc you want to play into the drive. Typically, the disc will start playing automatically. If it doesn't play, or if you want to play a disc that is already inserted, open Windows Media Player , and then, in the Player Library, select the disc name in the navigation pane.
2. You can also use a free third-party app to play your audio/music CDs like: VLC player  ([download it here](#)).

Play DVDs with VLC player or Other Apps:

Step 1. Windows media player app can only play audio CDs, data CDs, and data DVDs, if you want to play video DVDs and don't want to buy a paid Microsoft DVD player, you can use a third-party free VLC Player  ([download it here](#)).

Step 2. If you do not want VLC player, we also recommend you try other free apps like: Macgo Free Media Player ([download](#)), KMPlayer ([download](#)), PotPlayer ([download](#)), GOM Player ([download](#)), 5KPlayer ([download](#)).

Step 3. Make sure your video DVDs is from the US or Canada. If you want to play video DVDs from other countries, you need to modify the region code of the DVD drive, but each DVD drive only has 4 times to modify the region code. Please [click here](#) for detailed instruction about region code.

Step 4. Insert a disc and wait seconds until the drive recognizes your disc (the drive icon will change).

Step 5. Right-click the DVD drive icon and select app (e.g. VLC player) to play video DVDs.

* When you copy music, pictures, and videos from your PC to a blank CD or DVD, it's called "burning." When you copy music, pictures, and videos from a CD or DVD to your PC, it's called "ripping." You can use Windows Media Player to do both.

Burn CDs (or data DVDs) with Windows Media Player:

*With Windows Media Player, you can burn three kinds of discs: audio CDs, data CDs, and data DVDs.

Step 1. You need a blank CDs or DVDs.

Step 2. Open Windows Media Player.

Step 3. In the **Player Library**, select the **Burn** tab, select the Burn options button, and then select **Audio CD**.

Step 4. Insert a blank disc into your CD/DVD drive. (If your PC has more than one CD or DVD drive, select the drive you want to use.)

Step 5. Search for the items in your **Player Library** that you want to burn to the disc, and then drag them to the list pane (on the right side of the Player Library) to create a burn list.

Step 6. When you're finished with the list, select **Start** burn.

* If you want to remove an item from the burn list, right-click the item, and then select Remove from list.

This removes the item from the burn list, but doesn't delete it from your PC.

* If your list has too many items for one disc, you can burn the remaining items to a second disc.

* Audio CD: Choose this option if you want to make music CDs that you can play in your car, on your stereo, or on your PC.

* Data CD: You can play a data CD on PCs and some CD and DVD players. The device must support the file types that you add to the disc, such as WMA, MP3, JPEG, or Windows Media Video (WMV). Choose this option if you have lots of music and a CD or DVD player that can play the file types you add to the disc or if you want to back up your media.

* Data DVD: You can play a data DVD on PCs and some DVD players. The device must support the file types that you add to the disc, such as WMA, MP3, JPEG, or WMV. Choose this option if you have a lot of files that will not fit on a single CD because a data DVD has a lot of space.

Step 7. In addition to Windows Media Player, you can also try other CD burning software as below. If you want the detailed burning process of a certain burning software, you can contact us.

- Ashampoo® Burning Studio Free ([download](#)) - Free
- CDBurnerXP ([download](#)) - Free
- NCH Software Express ([download](#)) - Basic: Free / Professional: Paid
- BurnAware Free ([download](#)) - Free

Burn Playback Video DVDs:

Step 1. Prepare Blank DVDs

* DVD+R and DVD-R (Record only once) - 4.7GB

* DVD+RW and DVD-RW (Rewritten around 1000 times) - 4.7GB

* DVD+R DL or DVD-R DL (Record just once) - 8.5GB

Step 2. Prepare a free or paid DVD burning software such as:

Step 3. Prepare a video file (or multiple videos) to burn to your disc.

* The total size of all the videos you put on the disc must be no higher than 4.7GB (for single layer discs) or 8.5GB (for dual layer discs).

Step 4. You'll need two tools to burn your discs on Windows, but fortunately, they're both free. **DVD**

Flick ([download](#)) converts your videos to the proper format and creates playable menus, then passes the converted video to **ImgBurn** ([download](#), please choose "Provided by ImgBurn" from the numerous links) to burn it to disc. **Here are steps:**

1. To get started, open up DVD Flick and click **Add title**.
2. Choose the video file you want to burn to a disc. DVD Flick supports a huge number of video and audio formats and containers. You can see [the full list here](#) if you want to make sure your file is compatible.
3. Before DVD Flick can burn your video to disc, it will need to convert it to the VIDEO_TS and AUDIO_TS folder structure that DVDs use. You'll need up to 8.5GB of space (depending on the size of your video file and the discs you're burning to) on your hard drive to store the converted files. At the bottom right corner of the window, click Browse to choose a place to (temporarily) store the converted video files.

4. Next, click **Project Settings** to tweak a couple important video settings.
5. On the **General** tab, give your disc a title. Next, click the drop down next to **Target size** and choose the size of the disc you're going to burn to.
6. On the **Video** tab, make sure that **Target format** is set to NTSC (for playback on DVD players distributed in North America) or PAL (for DVD players in Europe and Asia). You can also adjust the encoding or bitrate options here if you want to tweak your video, but for most users this won't be necessary.
7. Finally, on the **Burning** tab, check the box marked **Burn project to disc**. You can give your disc a label, which will show up if you insert your DVD into a computer. You can also choose the speed at which you want to burn your DVD. While you can use a faster speed if your drive is capable of it, a speed of 4-6x is recommended, as it reduces the chance that you're going to get a critical error and have to start over. If you want to be extra careful, check **Verify disc after burning**. This will run a series of checks to make sure your disc works properly after it's done burning.
8. When you're done, click **Accept**.
9. After this, you can tweak the DVD menu that DVD Flick will add. While this isn't strictly necessary, it's a nice step to customize and give yourself a basic menu like the ones store-bought DVDs have. To change these, click Menu Settings.
10. They're not the fanciest things in the world, but the default is no menu at all, which will start playing the videos on your disc immediately. If you'd rather have the option of pressing play -- or if you're burning multiple video files to a single disc and want to pick which one to play -- choose a menu style you like and click **Accept**.
11. Once you're ready, click Create DVD to start the conversion process. A window will appear letting you know the project will be burned to a disc once the conversion is complete. Click **Ok**. This process will take a little while, so you can take a break, but be sure to keep an eye on your computer, because you'll need to confirm a couple boxes once ImgBurn launches.
12. After DVD Flick is done converting your video and adding the menus, ImgBurn should open automatically. It will ask you to confirm a couple of options. First, ImgBurn will ask you to confirm your DVD label. If you don't answer this box within 30 seconds, ImgBurn will use the default label.
13. Next, ImgBurn will show you a summary of what will be burned to the disc and a whole bunch of technical details. There's nothing to decide here, so it's a little annoying ImgBurn doesn't also use a timer for this, but as it is, you still need to click **OK** to confirm. Just make sure you're around your computer to confirm this little box when it pops up to start the burning step.
14. ImgBurn will take a little while to finalize your video, then it will pop up a box that reads "Operation Completed Successfully!". Your DVD drive might also eject the disc when it's done, so make sure the drive is clear of any obstructions.
15. Pop your disc into any DVD player and you should see the menu you chose on the screen. Click **Play/resume** to start your movie.
16. DVD Flick creates a very basic menu, but your video should play on any NTSC-compatible (or PAL-compatible, if you chose that) DVD player you have.

Step 5. If you think the burning process in step 4 is too complicated through DVD Flick + ImgBurn, you can also try other burning software as below. If you need to burn video DVDs frequently, we suggest you

choose paid burning software, the whole process will be much easier. If you want the detailed burning process of a certain burning software, you can contact us.

- DVDFab DVD Creator ([download](#)) - Basic: Free / Professional: Paid
- BurnAware Free ([download](#)) - Basic: Free / Professional: Paid
- CDBurnerXP ([download](#)) - Free

Rip (Digitize) CDs with Windows Media Player:

* When you rip music from a CD, you're copying songs from an audio CD to your PC. During the ripping process, the Player compresses each song and stores it on your drive as a Windows Media Audio (WMA), WAV, or MP3 file.

* Ripped files are automatically saved to the Music folder, but you can change the location using the options on the Rip settings tab.

Step 1. Open Windows Media Player.

Step 2. Insert an audio CD into the external DVD drive.

Step 3. Select the **Rip CD** button.

* If you want to select a different format or bit rate, select the Ripsettings menu, and then choose Format or Audio Quality in the Player Library.

* If you don't want to rip every song, clear the check boxes next to the songs you don't want.

* The changes you make apply to new tracks that you rip. You can't use the Player to change the format or audio quality of a song you've already ripped.

* Maximize the Windows Media Player window so you can see all of the menu options, select Rip settings, and then select the setting you want to change.

Rip (Digitize) DVDs with VLC Player:

Step 1. Download and open VLC  ([download it here](#)).

Step 2. Under the **Media** tab, click on the button to **Convert/Save**, then choose the **Disc** tab.

Step 3. Choose the **DVD** option and then the DVD drive location so your computer knows where to rip from.

Step 4. Click **Convert/Save** and then select the codec and settings you'd like to use for the ripping.

Step 5. Rip your DVD to a computer. That's how to rip movies from a DVD using VLC.

Rip (Digitize) DVDs with HandBrake:

Step 1. Download and open HandBrake  ([download it here](#)).

Step 2. Choose the file you want to rip by pressing the file icon on the left, navigate to the file that is on the DVD.

Step 3. Press the **Browse** button and choose the destination to save the stored file in.

Step 4. Click **Save** after making the selection and then **Start Encode** at the top to begin ripping the DVD to the desired folder on your computer.

Rip (Digitize) DVDs with WinX DVD Ripper

Step 1. Download and install the program ([download it here](#)).

Step 2. Load a DVD by clicking **DVD Disc** and navigating to the DVD folder.

Step 3. Select the output format for the video you want to convert. There are many presets to rip a DVD to the computer, and you can alter the file settings to suit tablets, phones, and more.

Step 4. Choose the output folder. This is where the video file will be stored.

Step 5. Click **Start** and this will begin the process of ripping the DVD and turning it into a file on your computer.

* If you want a better experience, consider their paid versions - [WinX DVD Ripper Platinum](#)

Rip (Digitize) DVDs with WonderFox DVD Ripper

Step 1. Download and install the program. ([download it here](#)).

Step 2. Load your DVD files. Please choose one of the sources to load your DVD file into the program: **DVD Disc**, **ISO Image**, or **DVD Folder**. This is where you will find the video file within the disc.

Step 3. Select the desired output format. Please pick your desired format by clicking on the upper right corner of the interface. You can choose MPG, MP4, MOV, AVI, MKV, WMV, VOB, and many more file formats.

Step 4. Hit **Run** button to rip DVDs to your hard drive.

* If you want a better experience, consider their paid versions - [WonderFox DVD Ripper Pro](#)

Rip (Digitize) DVDs with Free DVD Ripper

Step 1. Download and install the program. ([download it here](#)).

Step 2. Put a DVD into CD/DVD drive and make sure the DVD drive is able to read the disc. Launch the program and click the **Load Disc** button on the top ribbon to add movies on your DVD. Then all DVD movies will appear as thumbnails in the library area.

Step 3. Select a movie in the library area and preview it with the built-in media player on the right side. Of course, you can simply get the main movie for the DVD to the size of the videos. Hit the **Edit** menu to open the video editor window, which you can crop video frame, adjust video effect like video brightness, saturation, hue and contrast.

Step 4. After editing, go back to the home interface, check all movies you want to rip, and locate the bottom area. Click and expand the **Profile** drop-down list and select your favorite video format, such as MP4, or the target device. Next, click the **Browse** button and set a specific directory to store the DVD movies. Finally, click the **Convert** button to rip the DVD disc.

* If you are using CUDA or AMD graphic card, the advanced hardware acceleration technology will convert the DVD to digital videos with fast speed. You can check the estimated time within the program easily.

* If you want a better experience, consider their paid versions - [DVD Ripper Pro](#)