



Creating DVD from mp4 file



Introduction

It is no longer possible to record DVD's from the S&S Booth. Sound booth video recordings are now created as **mp4** video files. The mp4 files are recorded either on the **Booth Laptop** or the **Booth Tower** computer. There are a few people who want DVD copies of programs. DVD copies can be made by transferring the program mp4 file to the **Media Station** in the computer room, and then using a program called **DVD Architect**.

Figure 1 shows the path where typical mp4 video files are located on the **Media Station** computer. New files recorded on the Booth Laptop or Tower computers should be copied to the appropriate folder in the Media Station computer.

The path for video files transferred from the Sound Booth to the Media Station computer is as follows.

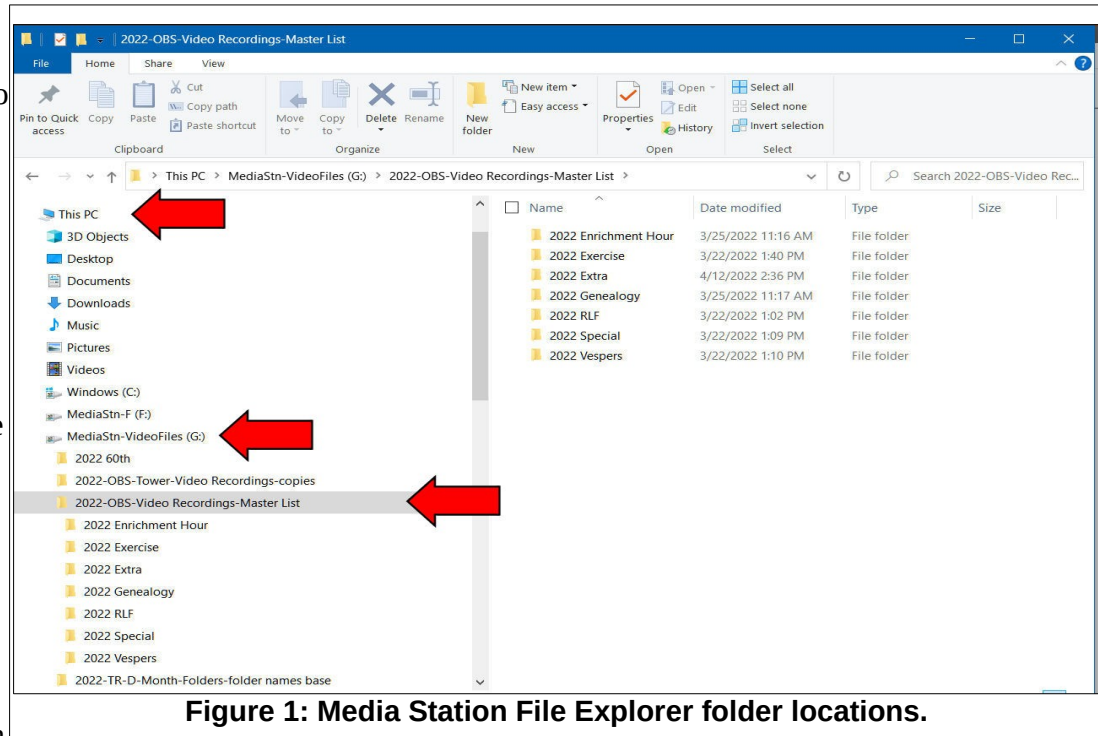


Figure 1: Media Station File Explorer folder locations.

ThisPC > MediaStn-VideoFiles(G) > 2022-OBS-Video Recordings-Master List >

There is a folder for each program (Enrichment Hour, Exercise, etc.) and each of the program folders has a sub folder for each month.



Recording Videos from the Booth

OBS Studio is installed on both the Laptop and Tower computers in the booth. Before starting a recording, the **Settings, Output** option must be used to set the location of the new recording. If this step is skipped, the new recording file will be hard to find.

Figure 2 shows the **Output Recording Path** on the Booth Laptop.

Recordings on the Booth **Laptop** should be saved on an external hard drive.

Recordings on the Booth **Tower** should be saved on Video Files Drive (D:) in a folder named 2022-TR-OBS-Video Recordings (see figure 3).

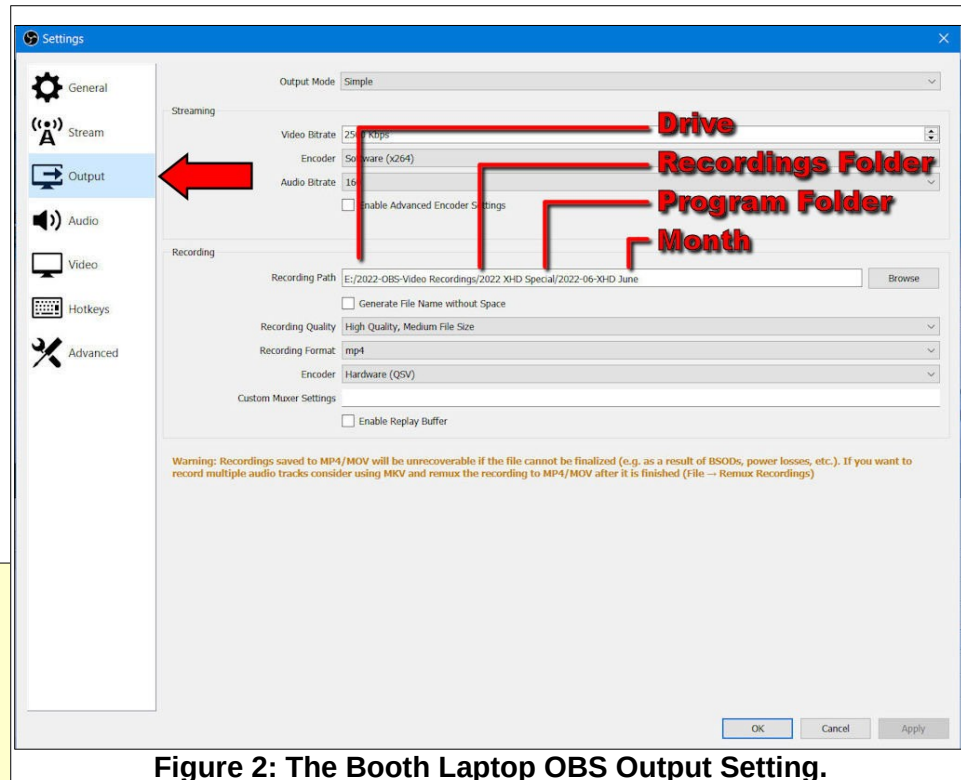


Figure 2: The Booth Laptop OBS Output Setting.

Observe that the file name prefix is **TR-D** for Tower recording files and **XHD** for files for Laptop recording files. After files have been moved, the prefix identifies the original source.

- ✓ To select or change the desired folder location for a recording, select the **Browse** button in the **OBS Settings** dialog box.
- ✓ In the **Select Recording Directory** dialog box, click one location back in the directory path, then select the desired folder.

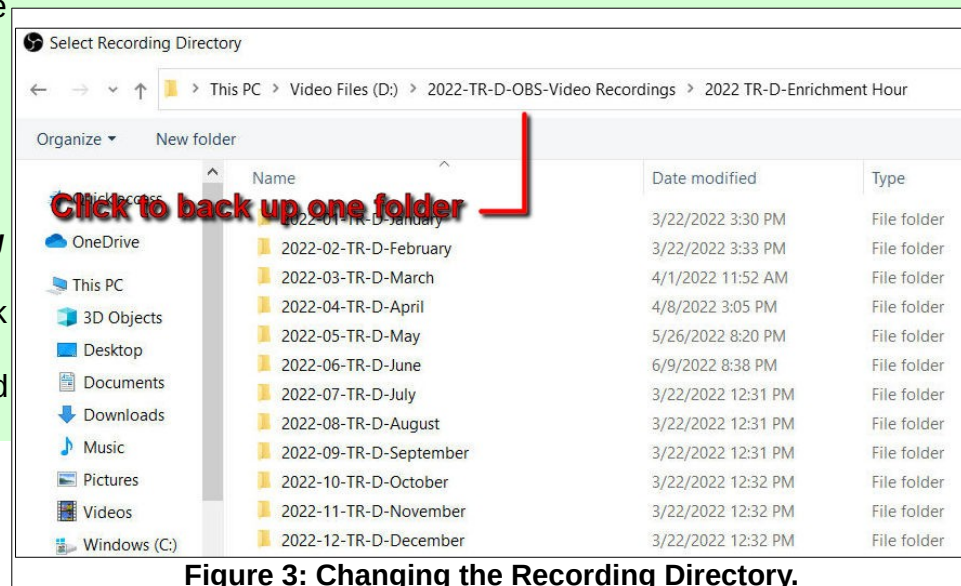


Figure 3: Changing the Recording Directory.



- ✓ Before closing the **Settings** dialog box, make sure the recording format is set to **mp4**.

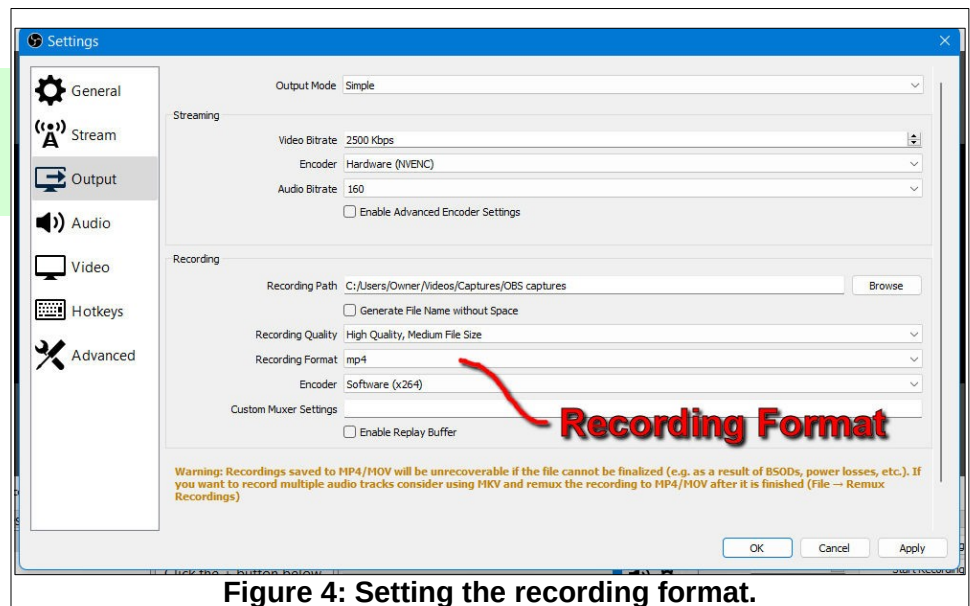


Figure 4: Setting the recording format.

OBS has an option for setting **hot keys**. Figure 5 (from the Tower computer) shows that the Insert key has been set to start and stop recording.

The advantage of using a hot key to start and stop recording is that *while OBS is running*, a different app (for example the VLC player) can be displayed full screen and OBS can start and stop recording even when OBS is not displayed.

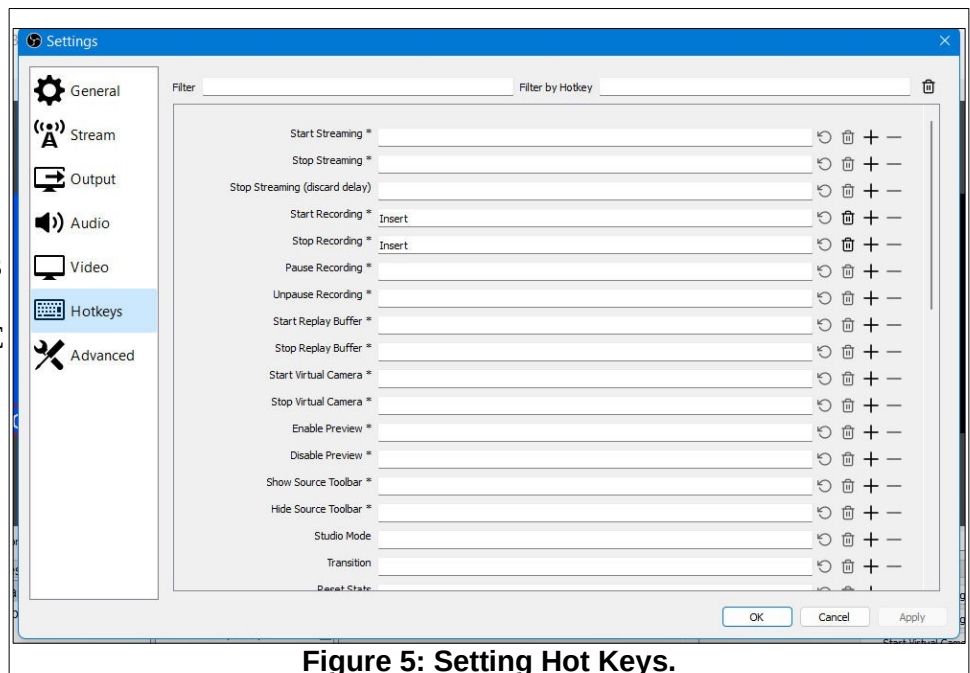


Figure 5: Setting Hot Keys.



Using DVD Architect

- ✓ Copy the desired mp4 file.

Figure 6 shows the Media Station File Explorer master list and sub folders for each program category. Note that each program folder has folders for each month of the year. Here is a typical folder path for saving an mp4 file.

This PC > MediaStn-VideoFiles (G) > 2022-OBS-Video Recordings Master List > 2022 Special > 2022-05-May

- ✓ Paste the copied file in the appropriate folder.

The mp4 file may or may not have to be edited. If editing is required, review the 'Editing Vespers Videos' document found on the [S&S Operating Manual](https://bvres.org/sight_and_sound_pages/opmanul_22.html) web page.

https://bvres.org/sight_and_sound_pages/opmanul_22.html

Open **DVD Architect** with the shortcut found on the desktop.

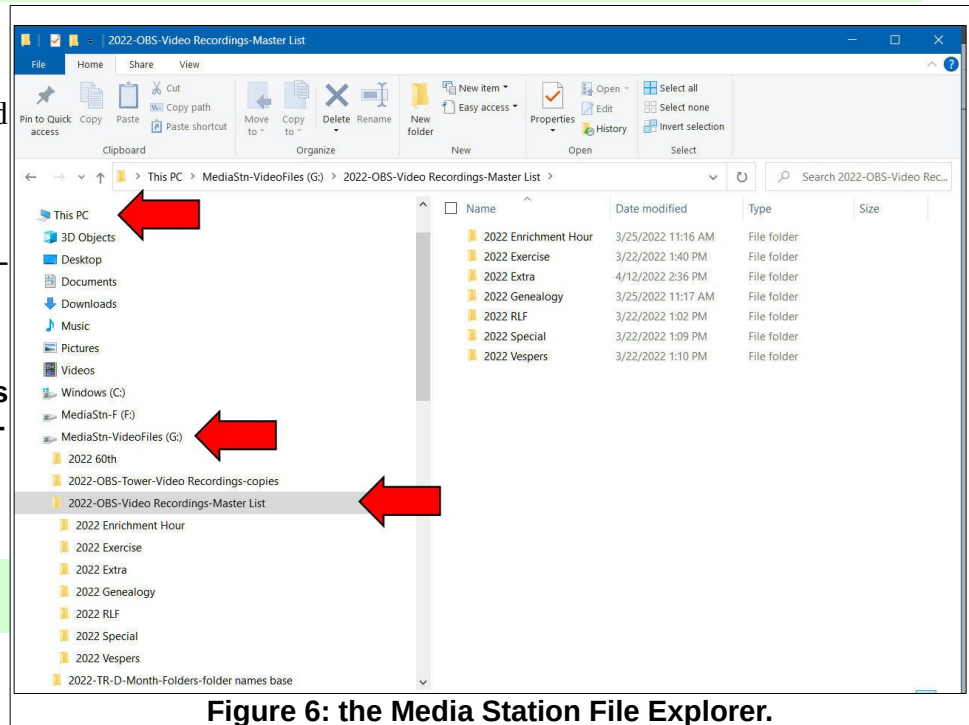
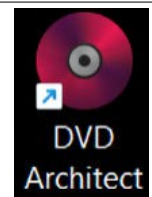


Figure 6: The Media Station File Explorer.



When DVD Architect opens, it may show a previous project, or it may show the default untitled project. In either case, a new project needs to be created.

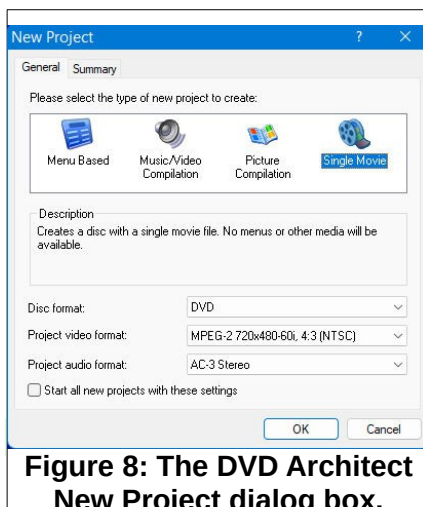


Figure 8: The DVD Architect New Project dialog box.

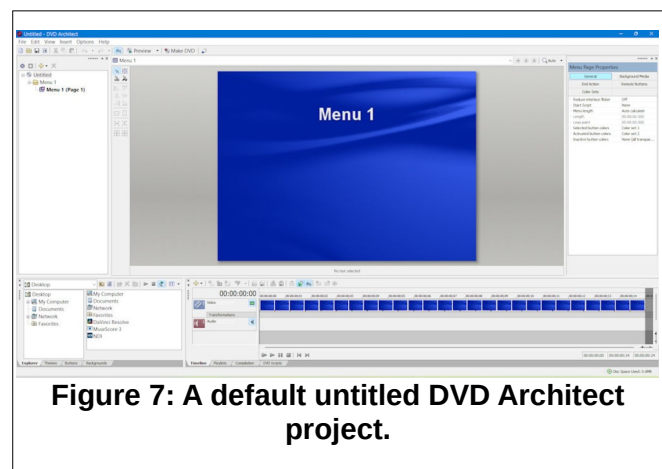


Figure 7: A default untitled DVD Architect project.

Typically we create either **Menu Based** or **Single Movie** projects.

- ✓ In the **New Project** dialog box, select the desired project type.



Most of the time the project format will not have to be changed. Figure 8 shows the standard settings. As soon as the DVD project type has been selected, the **Open Media** dialog box will appear.

- ✓ Select the desired mp4 file and then select **Open**.

Note that it will take a while for the audio track to fill in.

As soon as the file is opened the project should immediately be saved using **File, Save As**.

- ✓ In the **DVD Architect window**, from the menu bar select **File, Save As**, and enter a location and file name for the program.

If a Menu Based DVD is being made, there are additional steps required that are beyond the scope of this document. Consult with Len or Daryl for help.

If a Single Movie DVD is desired, you can proceed with making the DVD.

The process requires

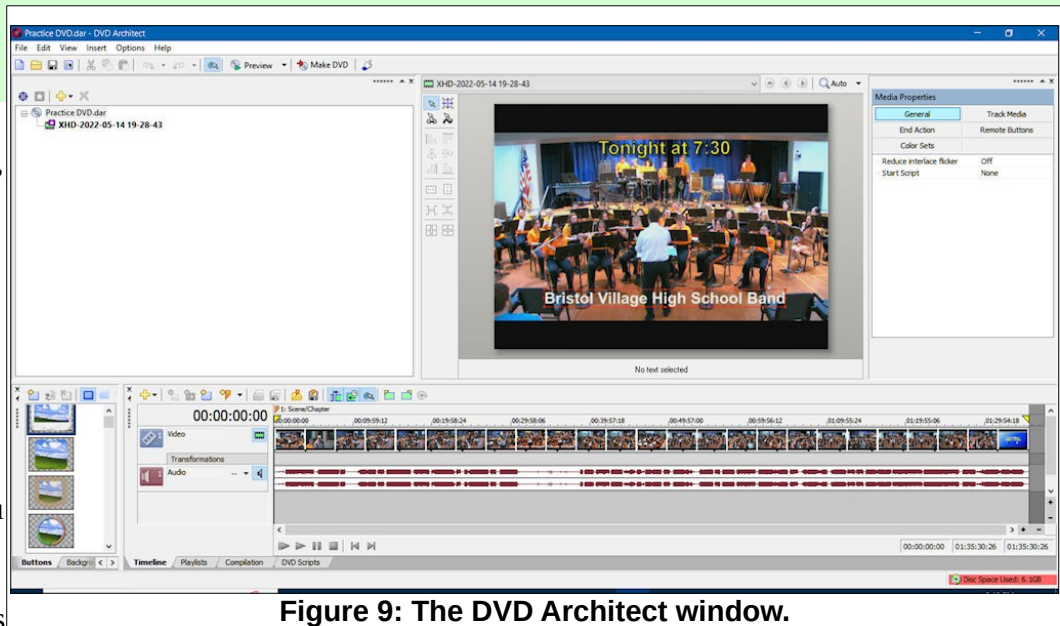


Figure 9: The DVD Architect window.

two steps in the system. The first is that the system will render a new file for the program. For a Single Movie project the rendering step is a bother, since no edits or changes to the original file are required. If you were starting with a DVD, you could simply copy it. But, when you start with an mp4 file, the system needs to render that file. Once the rendering is complete, the system will proceed with burning the DVD.

- ✓ Select the **Make DVD** option.

This will open the Make DVD dialog box.

- ✓ Select **Burn**.

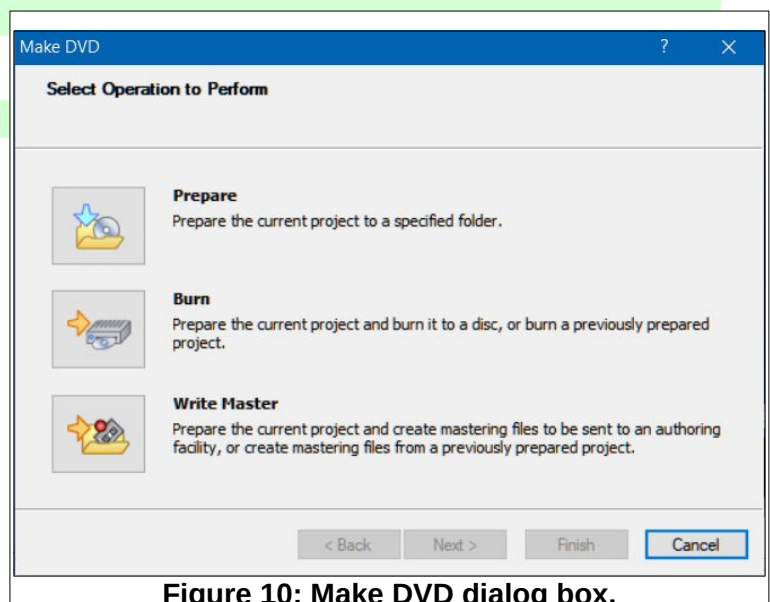


Figure 10: Make DVD dialog box.



✓ Select the **Current Project** option.

It is a good idea to create a new folder with the name of the program. If, at a later date, you need to make copies, you can use the Previously prepared folder and skip the render process.

✓ Select **Next**.

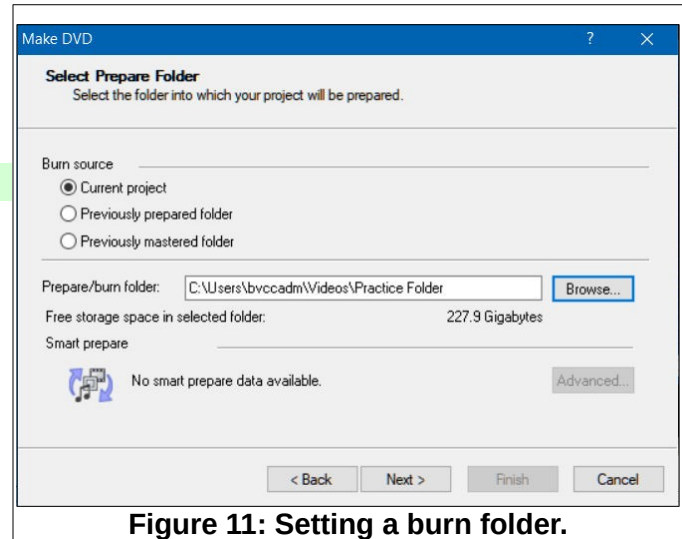


Figure 11: Setting a burn folder.

The preview messages will show if the project will fit on the disk. If not, use the Optomize option to make it fit.

✓ Select **Next**.

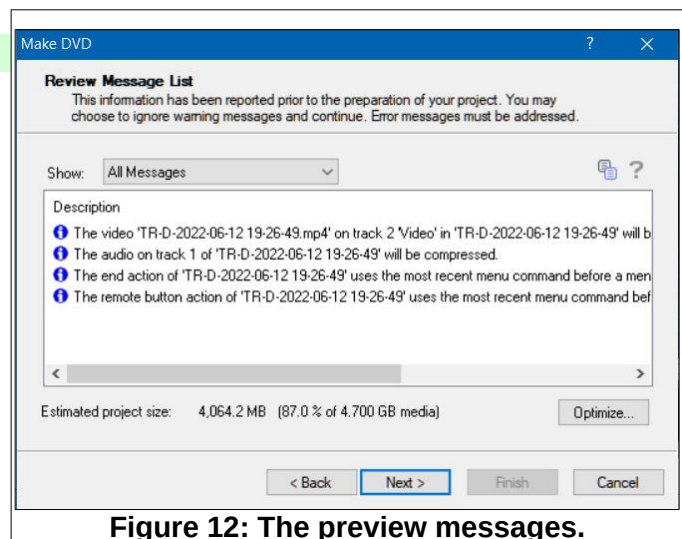


Figure 12: The preview messages.

Review the messages.



Select **Next**.

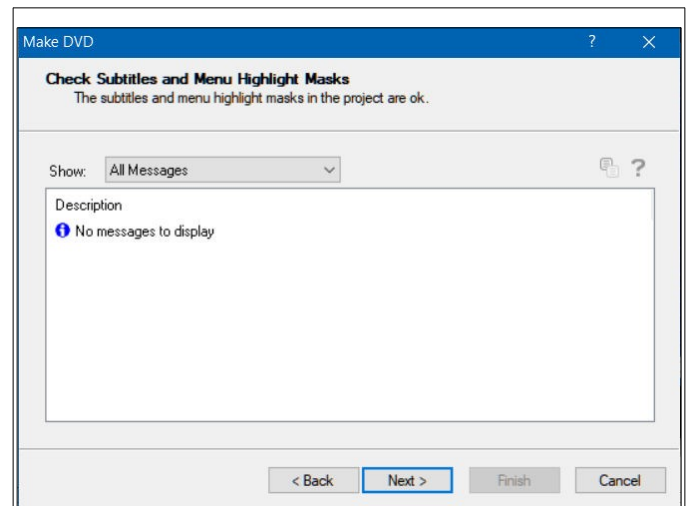


Figure 13: Messages.

- ✓ Toggle the *Eject disk when done* option **ON**.
- ✓ Enter a **Volume name**, then select **Finish**.

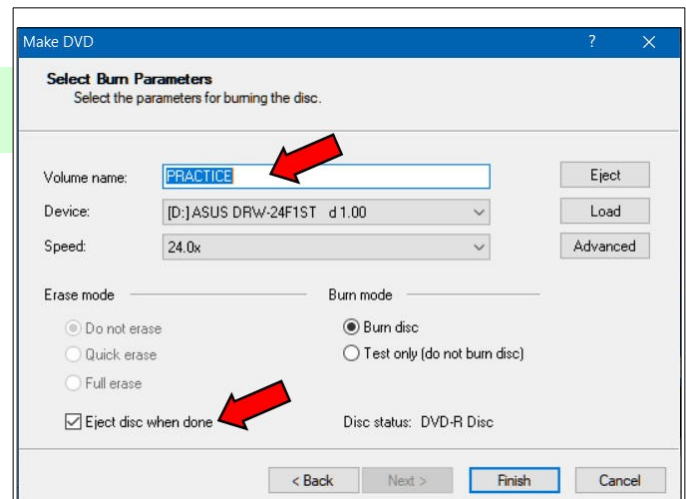


Figure 14: Setting the Volume name.

The system will then show a progress window. When the render-burn process is complete, the system will ask if you want to make another copy.

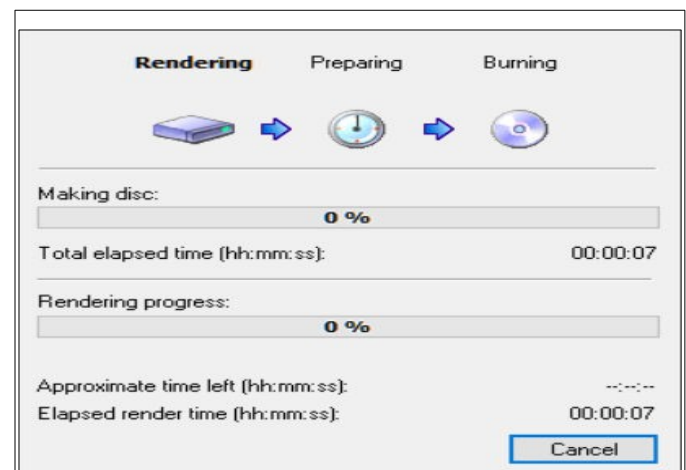


Figure 15: Rendering progress.



If you want to create a DVD cover, there are a number of cover files created with LibreOffice Draw that can be opened, renamed, and edited.