

8mm (or Super 8) Film to DVD



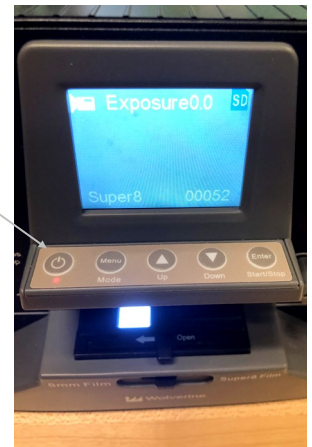
#1

Prepare the MovieMaker scanner

1. Turn on the Wolverine Film2Digital MovieMaker scanner.



POWER



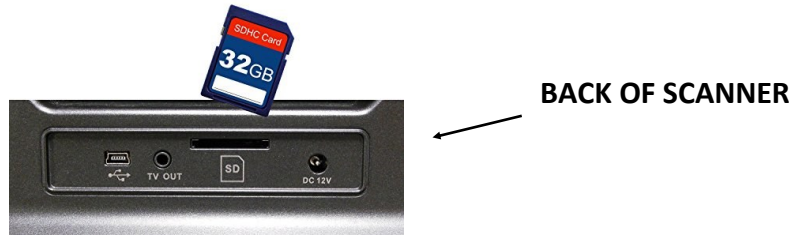
2. Clean the Light Table. Push the **film door tab** left to flip open the door. Use film cleaning brush to gently clean the light table.

LIGHT TABLE

FILM DOOR TAB (Push left to open)



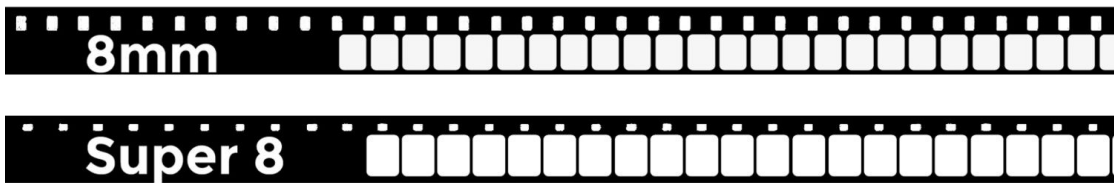
3. The scanner will record your captured video to an SD/SDHC memory card (up to 32 GB.) Ensure a memory card is inserted into the back of the scanner.



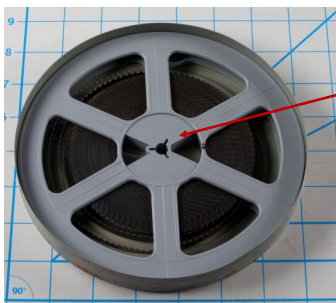
NOTE: An SD memory card **must** be inserted for the scan to take place. The library has provided a card for temporary use in transferring to a computer. It is recommended you bring your own. The captured video can be burned to a DVD or transferred to USB drive at a later time.

#2 Mount the reels and film

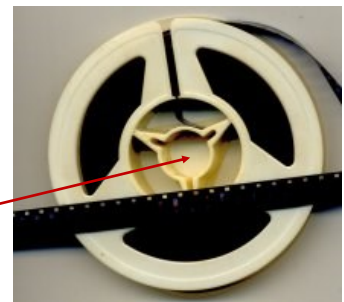
1. Determine if your film is 8mm or Super 8 mm.



2. If your film reel has an 8 mm (small) mounting hole, mount the reel directly to the left shaft of the scanner, otherwise use the provided **RED** color reel adapter.



8mm (small mounting hole)



Super 8mm (large mounting hole requiring adapter)

NOTE: If adapters are needed, always place **RED** color adapter on the LEFT side and/or the **GREY** color adapter on the RIGHT side.



Left Reel Adapter (**RED**)

3. Mount the included (empty) 5" reel on to the right shaft.
4. Route your film to the take-up reel. Follow the Film Routing Diagram printed on the face of MovieMaker— follow the solid white line. The dotted white line is for rewinding.
5. Push open the film flap door, place film perforation holes at top, but under the two white tabs

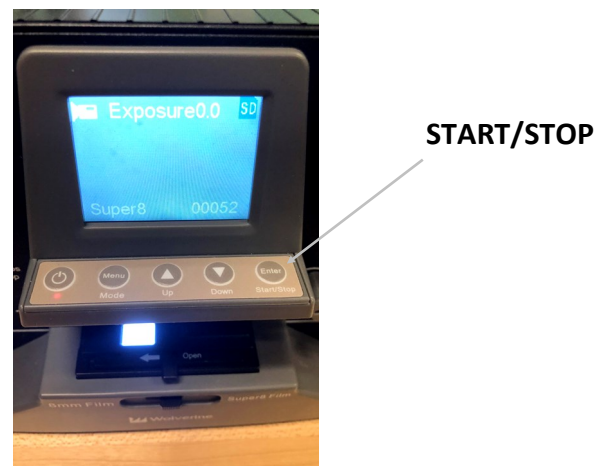


6. Close the film flap door after the film is properly placed.
7. Select film type by pushing the film type lever to either left or right.

#3 Record

NOTE: Film digitization **DOES NOT** take place in real time. A 3-inch reel (approx. 15-20 minutes of film) will take roughly 40 minutes to record. A 5-inch reel (60-80 minutes of film) will take approx. 2 hours.

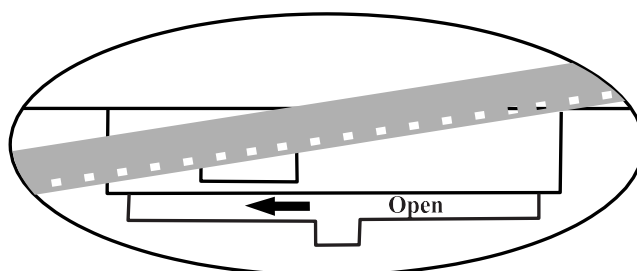
1. Press **START/STOP** to start recording. While recording is in process, a red dot in upper left corner of screen will blink.



2. To stop recording, press the **STOP/START** button again. The scanner will now write the movie to the memory card into MPEG4 (MP4) digital movie files at 720p / 30 fps.

#4 Rewind

1. Open the film flap door and remove film, then close the flap door. Check and confirm the flap door is closed and not in the way of rewinding process to prevent film from being scratched.
2. Swap reels. Place an empty reel on the right side shaft. The film perforation holes will now be on the outside (as shown). If any reel adapter is needed, always place grey adapter on the right side reel.

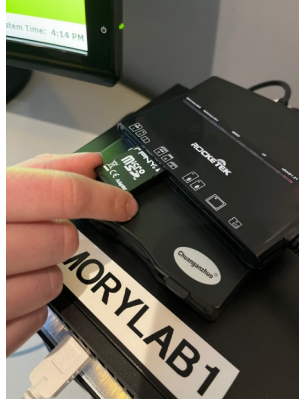


3. Follow the film routing diagram printed on the MovieMaker (the dotted line is for rewinding) and follow the instructions on the screen.
4. Press **Enter** button to Start and Stop the rewinding process.

#5 Eject memory card and transfer file(s)

1. To eject the SD memory card, push the card in, then release (instead of just pulling it out.) The MovieMaker scanner will power off when the memory card is removed.

2. Now insert the memory card into the card reader.



3. Once the computer has read the card, you should see your movie file(s). From here you should transfer the files from the library's SD memory card to your personal USB drive or other portable storage device, or burn them to DVD.

IMPORTANT NOTE: The digital file captured by the MovieMaker scanner contain all the information from your original tape. However, the software records the film at a frame rate faster (30 frames per second) than the film was originally recorded (16 frames per second for 8mm, 18 fps for Super 8.) The result is that when you play your raw file, it will appear speeded up—as if it were being slightly fast-forwarded.

This next step is OPTIONAL and only necessary if you want to create a DVD of your movie.

#1

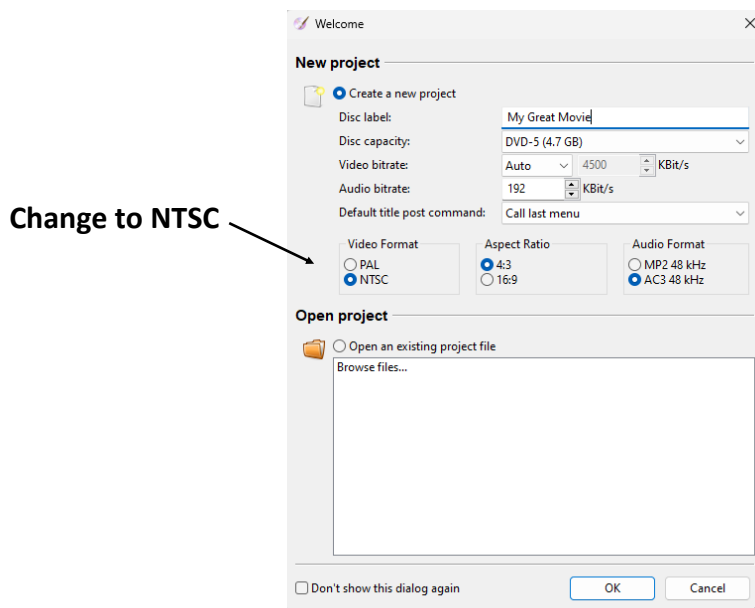
Burn Your Video File to DVD

1. On the computer desktop, open the folder called “**Video Digitization**” and click the **DVD STYLER** icon to launch the software. DVD Styler is the software you will use to process your video file and burn it to a DVD.

(This software opens slowly. It may take a minute or more.)

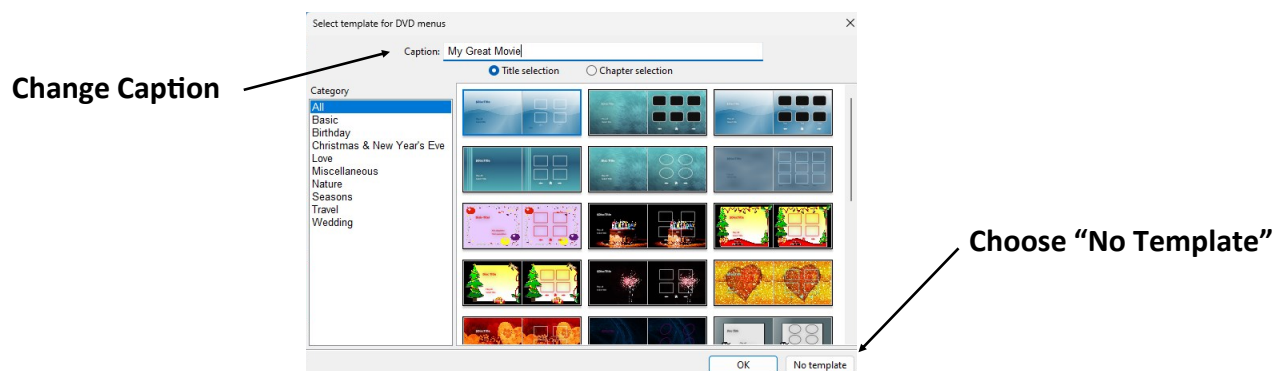


2. When DVD Styler opens, you will see a welcome screen. Give the **Disc Label** a new name. Here, we’ve named it “My Great Movie” but it can be anything. Also, change the **Video Format** from PAL, to **NTSC**. This allows the resulting DVD to be played in North America. You can also change the aspect ratio if you wish. This is most likely **4:3**. *(The 16:9 ratio is for wide screens and will distort your video.)* Next, click **OK**.



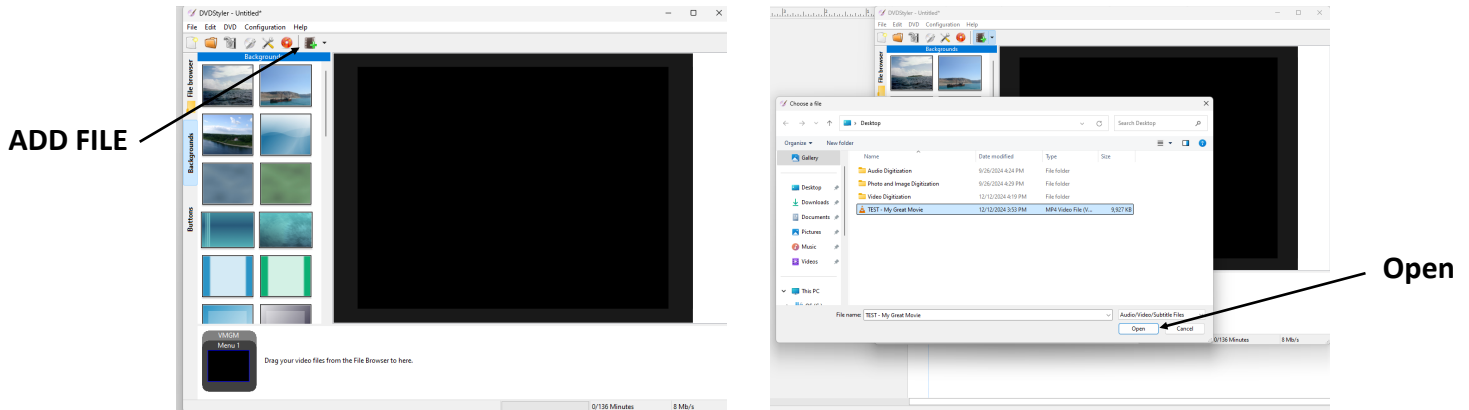
3. In the resulting window, change the **CAPTION**. This is your disc title. Here we used “My Great Movie” but it can be anything you choose.

Also, for simplicity’s sake, select **NO TEMPLATE**. Then click **OK**. *(If you would like to get more in-depth with the optional templates, a good tutorial can be found at www.dvdstyler.org/en/documents?id=70.)*

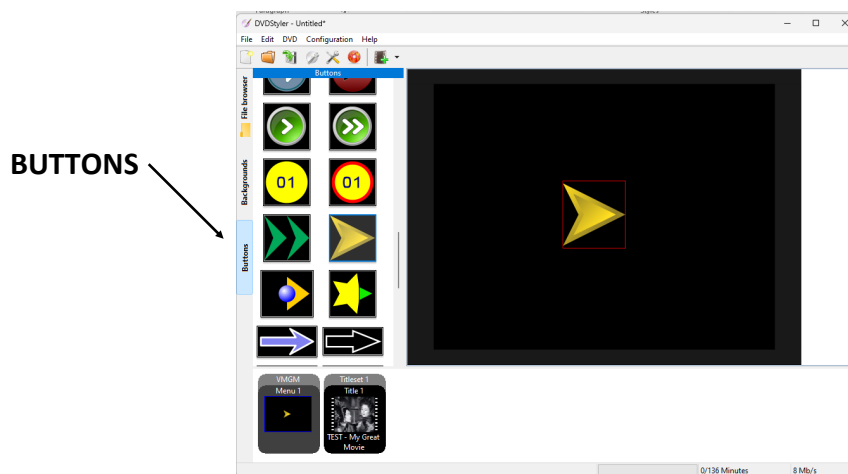


5. Now you will be taken back to the main screen. Next, we will add your video to the project. Click the **ADD FILE** icon on top (it has a **green “plus”** symbol.)

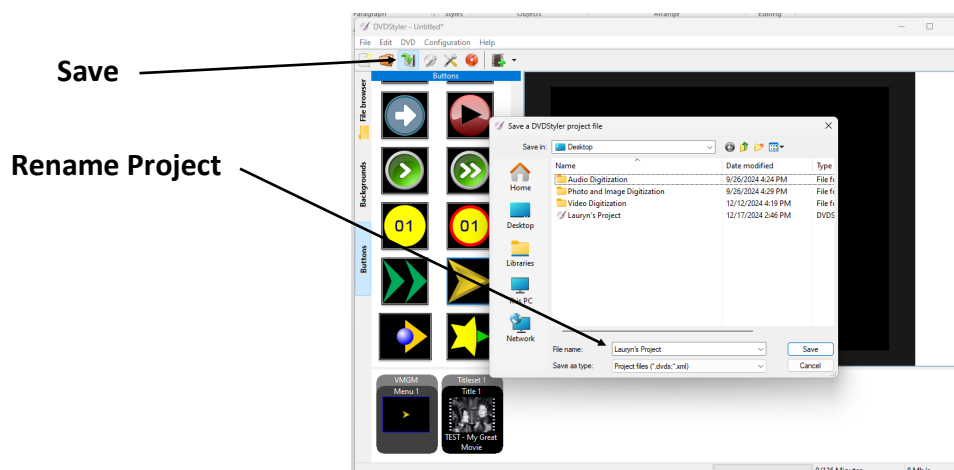
In the window that opens, navigate to your video file. Select it, and click **OPEN**.



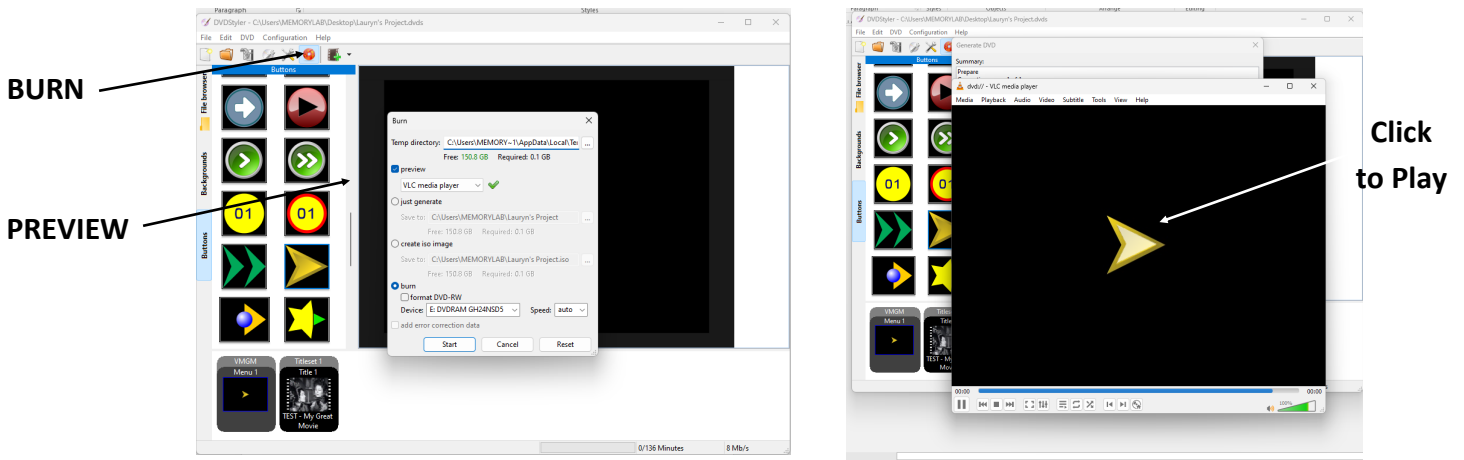
6. Now that your video file is loaded into the program, click the **BUTTONS** tab on the left. A button (any button) is required for the movie to play in a DVD player. It will act as a “start” or “play” button. Choose any one you’d like. Click and drag the button icon you chose into the black space. You can place it anywhere and resize as you wish. (In this example, we chose a yellow arrow, made it a little bigger, and placed it in the center.)



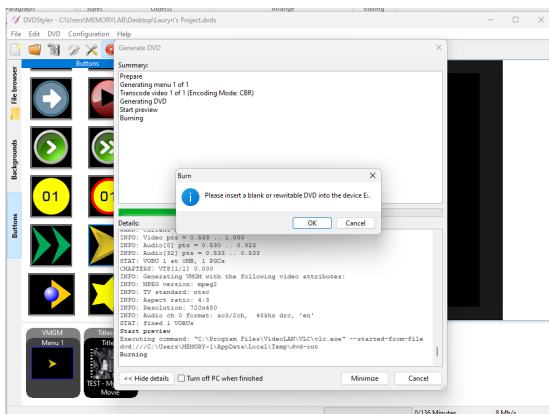
7. Next, click the green **SAVE** icon on top. You will be asked to name your project. This can be anything. In this example we named it “Lauryn’s Project.” Save it to the computer desktop.



8. Now you are ready to burn your movie to a DVD. Click the red **BURN** icon on top. In the window that opens, check the **PREVIEW** box. (This will allow you to see the video you made before you burn it to disc.) Then click **START**. In a few seconds, a new window will popup showing your movie. You'll see the button you added earlier. Click that button, and your movie will start playing. This is exactly what you will see on the completed DVD.



9. If the preview looks good, close that window and you will be asked if you want to *burn to DVD*. Click **YES**. Next you will be asked to insert a DVD. Insert a blank DVD-R disc into the computer. You can use your own, or purchase one from the library for \$1. Then click **OK**.



10. The computer will begin converting and burning your video to the DVD. The DVD should be playable on nearly all home DVD players and computers. Sit back and relax, depending on the length of the video, this could take some time. Once the burning is complete, remove your DVD, and voila, you're finished!