

Home Movie Duplication



MiniDV Camcorder Tape to USB or DVD (using the computer)

The computer and Panasonic PV-GS80 Camcorder can be used to capture and edit home movies from **MiniDV** tape. If you prefer to not use a computer, refer to the *MiniDV Tape to DVD (easy method)* instructions. Allow yourself enough time to transfer your movies. Capturing, editing and copying video can be very time consuming.

***** WARNING *****

Media is susceptible to damage. The Coquitlam Public Library is not responsible for any damage that may occur to your media by using this equipment. Do not use any tapes that are damaged (broken, ruptured, misaligned, overlapped, gapped/perforated holes, bent, etc.). Doing so may damage the equipment or further damage the tape.

By using the duplication equipment you are confirming that you are the copyright holder for all media and content that you digitize. You also agree that the Coquitlam Public Library will take no responsibility for any copyright violations you may incur as a result of using the room, its' equipment and/or software.



It is recommend that you protect your home video tape from being overwritten or erased by sliding the write protection tab to the **SAVE position**, located on the back edge of the tape. The photo above shows a tape that is protected.

*** FAILING TO USE THE SAVE POSITION MAY RESULT IN YOUR VIDEO BEING PERMANANTLY LOST ***

What you will need

1



Sign-out the Remote at the front counter of the Library



2



A blank **DVD-R** or **DVD-RW** (**DVD+R and DVD+RW are NOT Supported**)



3



A **MiniDV** Tape

OR



A **USB Memory Stick** (32GB or greater is recommended)

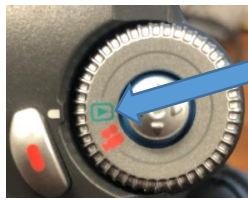
Blank DVDs and USB Memory sticks are available for purchase at the front counter of the library

Prepare the Panasonic Camcorder

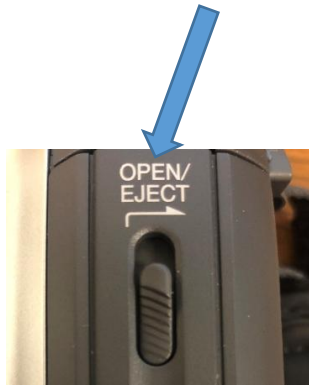
1 Slide the **Power** button to **ON** position. The **red** light will turn on.



2 Rotate the **knob** to the Play position (**green** arrow)



3 Slide the **OPEN/EJECT** button forward and outward to open the tape compartment



4 Insert your **MiniDV** tape



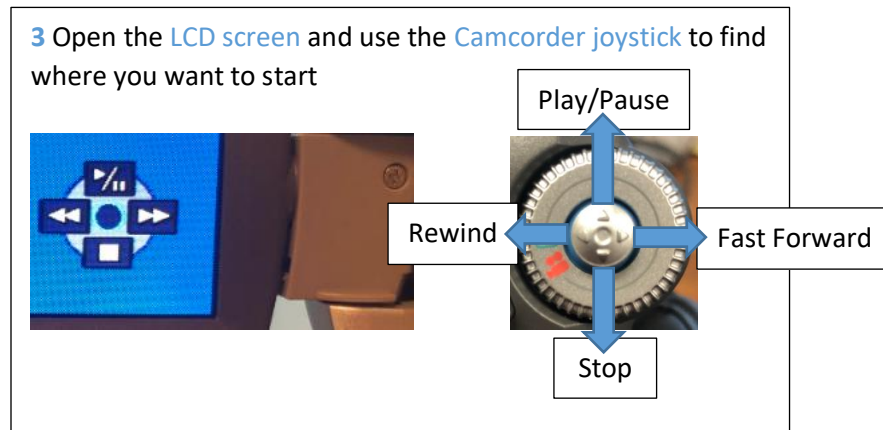
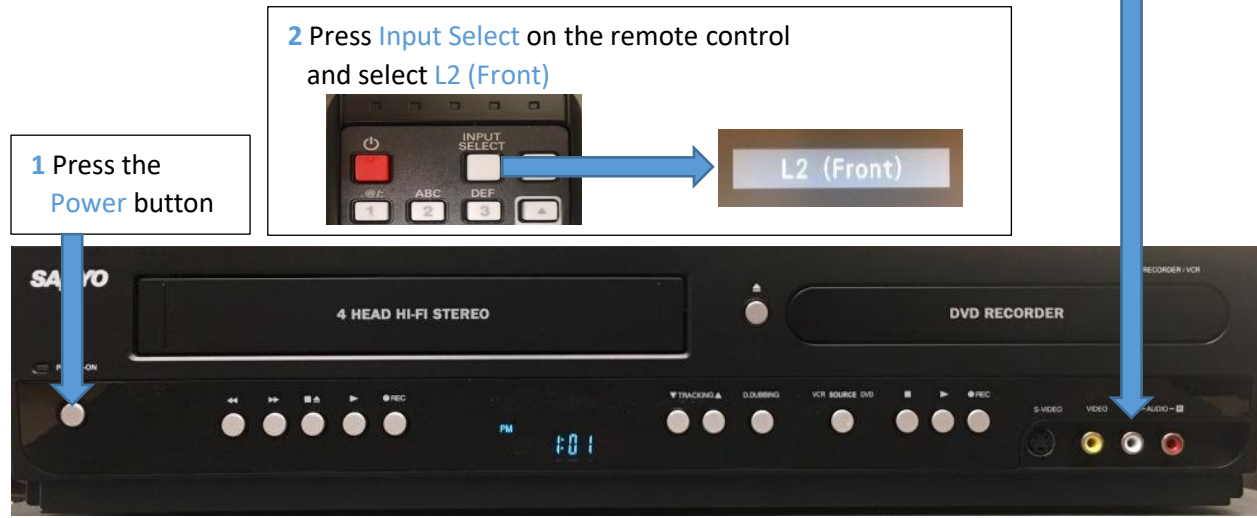
5 Squeeze the door until it gently **hits** the tape cage, **wait** for the tape to lower, fully squeeze closed



Prepare your Tape to Play

The Panasonic MiniDV Camcorder is connected to the Sanyo DVD Recorder, which is connected to the computer. Video and sound will display on the monitor above the Sanyo DVD Recorder.

The Panasonic MiniDV Camcorder is connected to the Sanyo DVD recorder's **L2 (Front)** connector. **You will need the Sanyo remote** to ensure the proper **L2 (Front)** input is selected (Step 2 below). The Sanyo remote must be checked out from the front counter of the Library

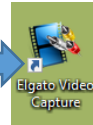


Prepare the software for Recording

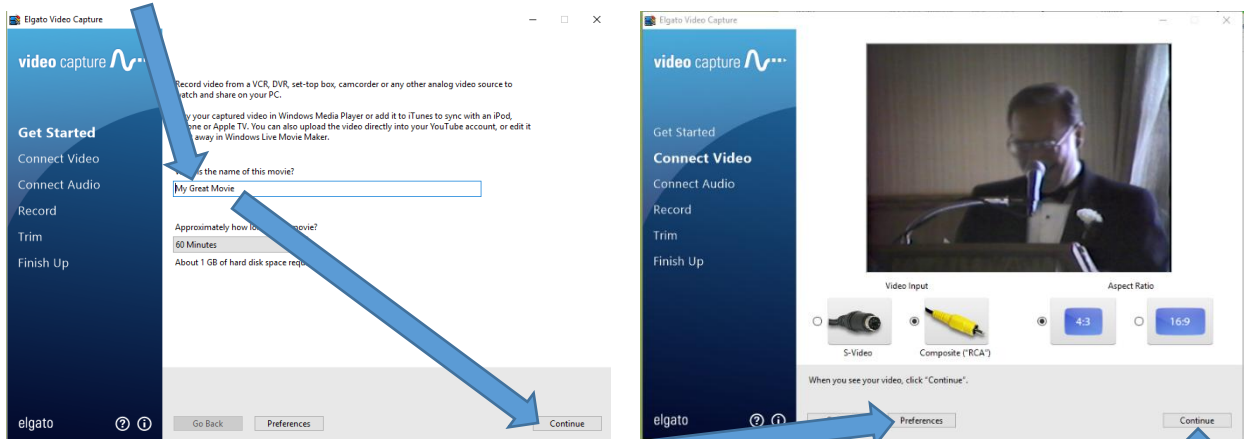
The computer is connected to the Sanyo DVD player and uses Elgato capture software to record your video

1 Login to the computer with your Library Card or Guest Pass

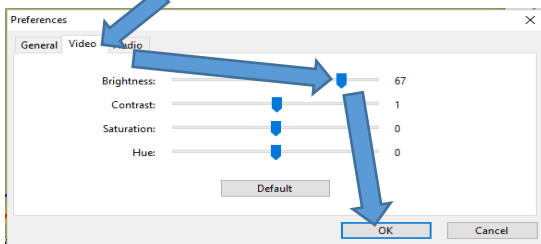
2 Start the Elgato Video Capture software



3 Edit the name of your video and click Continue

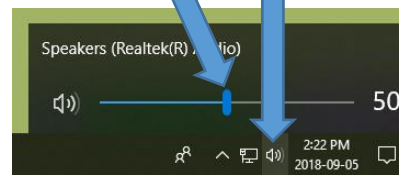


4 If your video is dark, click Preferences, click on the Video tab, slide the Brightness as necessary, click OK

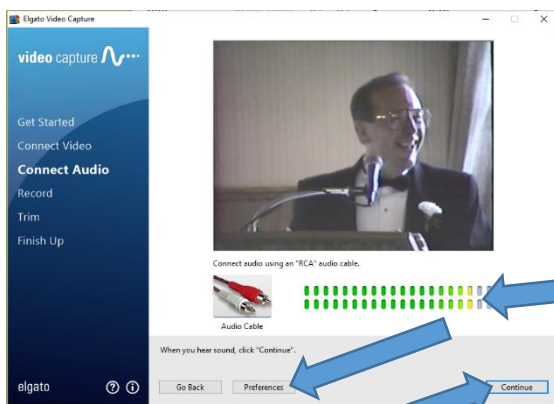


5 Click Continue

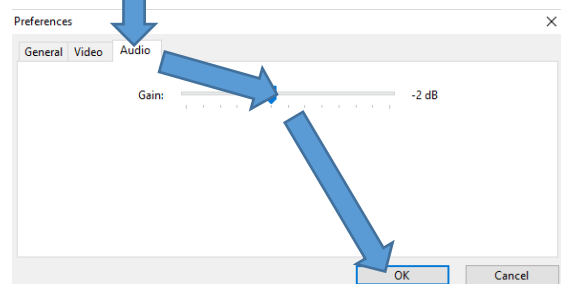
6 If you need to adjust the volume on the computer, click the Speaker icon in the bottom-right corner of the screen, adjust the slider



7 If the sound meter is consistently in the Yellow or Red, click Preferences



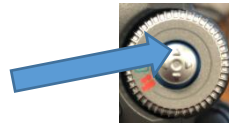
8 Click on the Audio tab, slide the Gain as necessary, click OK



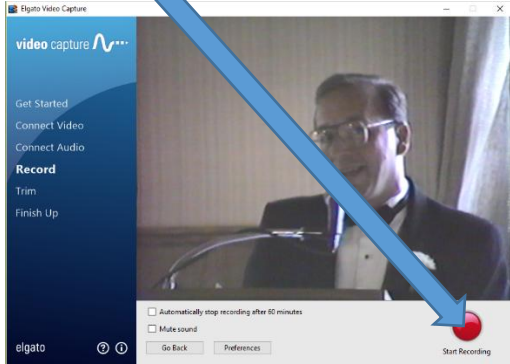
9 Click Continue

Start Recording

1 Press Play on the Panasonic Camcorder joystick



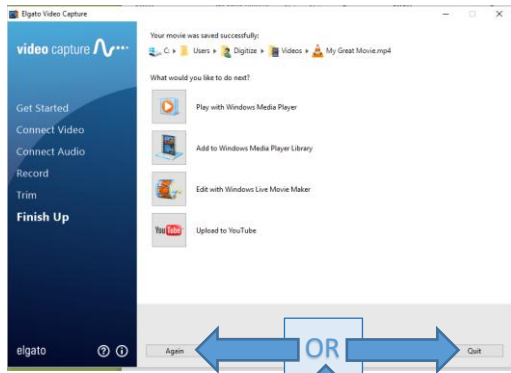
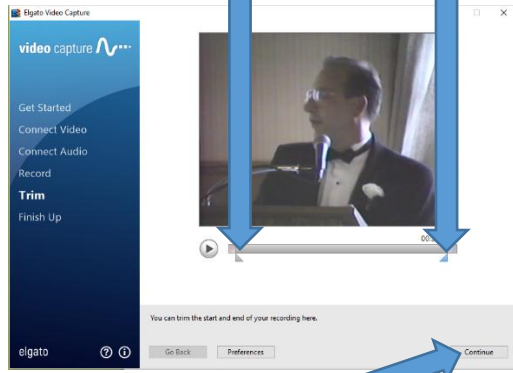
2 Click Start Recording



3 When your video is finished, click Stop Recording

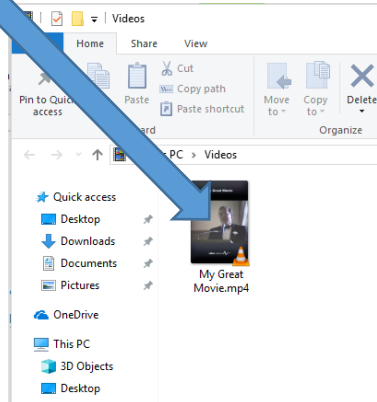
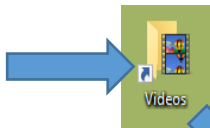


4 If there is video at the beginning or end you would like to trim, adjust the sliders as desired



5 Click Continue

7 Double-click Videos,



***** WARNING *****
your recording only exists on the computer and will be erased if you End Session or restart the computer. Continue with the instructions to save to your USB Memory Stick or DVD.

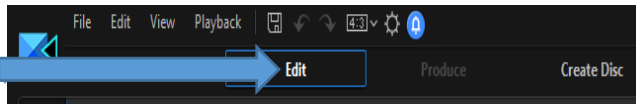
Edit your video (Optional - Advanced)

Editing video files is beyond the scope of this document. However, CyberLink PowerDirector software is available on the computer for video editing.

1 Start the CyberLink PowerDirector video editing software



2 Click the Edit tab

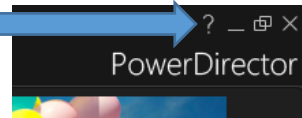


3 Click File, then Im

4 Hold the Ctrl key and click the videos you want to edit, click Open.

5 Click and drag each video down to a track, edit your video as you like

6 If you need help with the software, click on ?



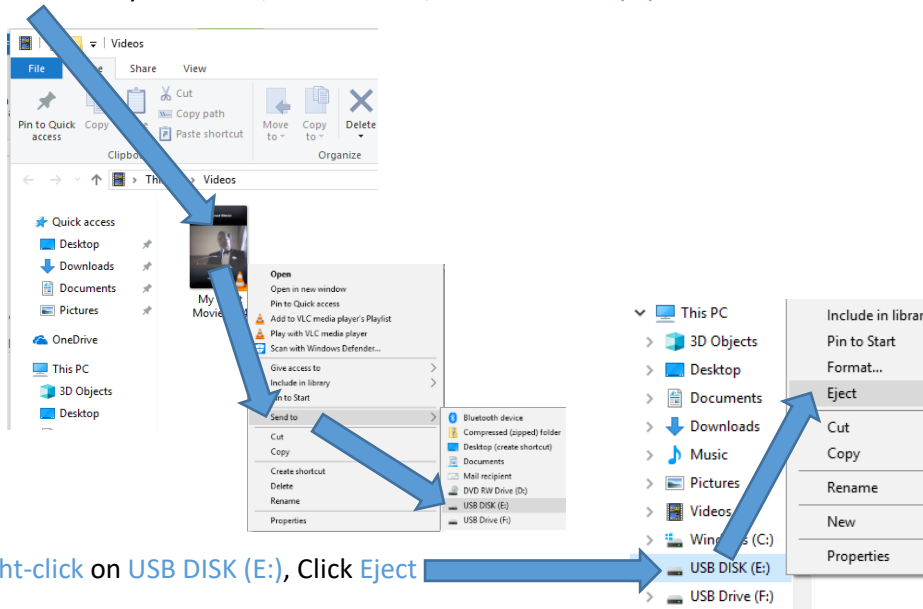
Copy Video Files to USB Memory Stick

1 Insert your USB stick into the front of the computer

2 Double-click on the Videos folder



3 Right-click on your movie, click Send to, Click USB DISK (E:)



3 Right-click on USB DISK (E:), Click Eject

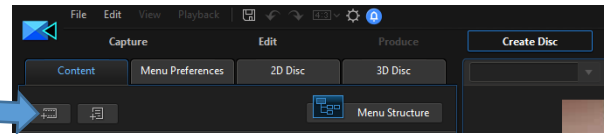
4 Remove your USB stick

Burn Video files to DVD

1 Start the CyberLink PowerDirector software



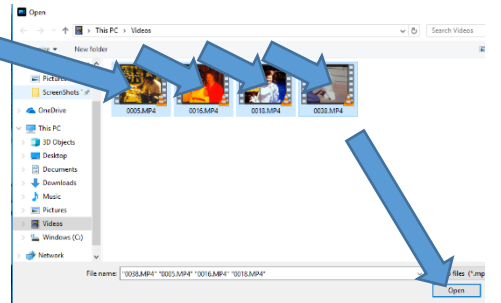
2 Click the Create Disc tab



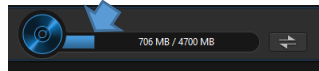
3 Click on the Import Additional Videos button



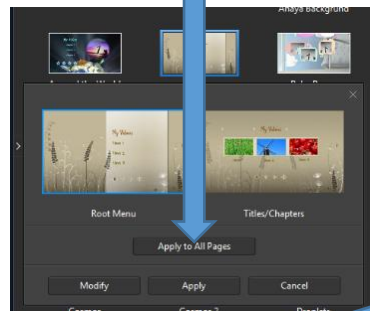
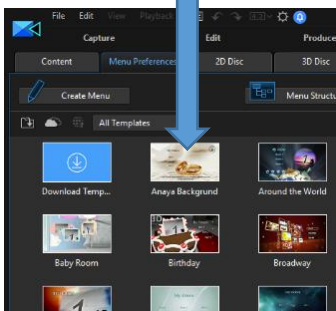
4 Hold the Ctrl key and click on your video(s), click Open



5 Watch the slider in the bottom-left of the screen to ensure your video will fit on a DVD

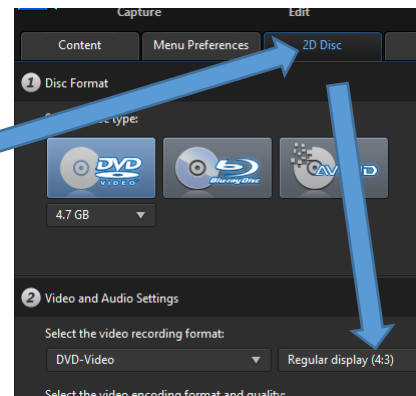


6 Click to choose a Menu template, Click Apply to All Pages

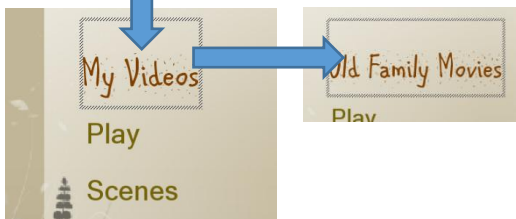


7 Click on 2D Disc, set the Aspect Ratio

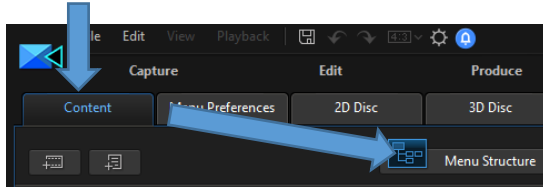
Note: 4:3 is recommended for 8mm and Super8 Film



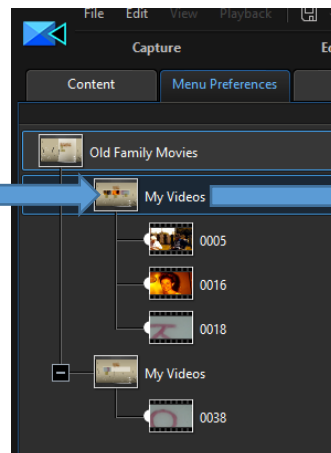
8 Edit the Menu as you like by clicking on on the various parts



9 Click on Content, click on Menu Structure



10 Click on the various menus and videos, edit the names and titles as you prefer

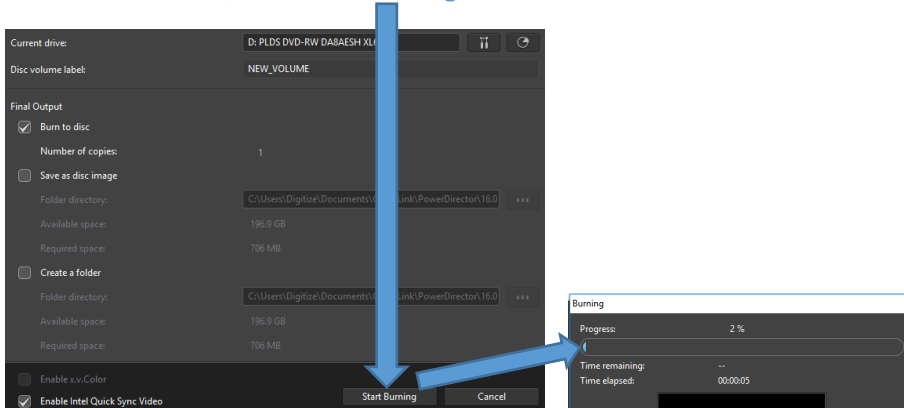


11 Click the ▶ button to test the DVD as needed, Exit preview mode by clicking the X

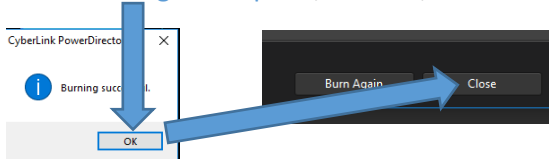


12 Click the Ⓞ button when you are ready to burn your movie to DVD

13 Insert a blank DVD, click Start Burning



14 When burning is complete, click OK, click close



Shutdown the Equipment

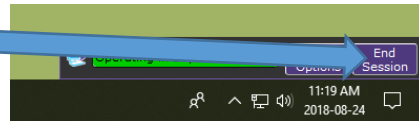


1 Turn OFF the Sanyo DVD Recorder

2 Remove your USB Memory stick –or– Eject your DVD from the computer

3 Click End Session on the computer

Note: *the computer will delete your files and restart*



4 Remove your tape from the Camcorder and turn it off

a Slide the OPEN/EJECT button forward and to the right to open the tape lid

b Remove your tape

c Push the door closed, wait for the tape cage to lower and close the lid

d Slide the Power button to the OFF position (turns off the camcorder)



Adjust the Volume

The sound comes from the monitors' internal speakers.

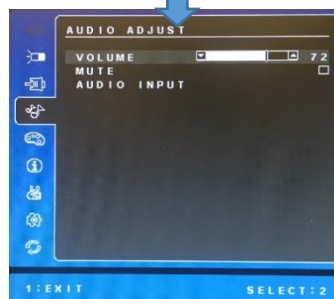
To adjust the volume,
push the buttons
underneath the monitor



Press **1** to show the menu
Press **▼** or **▲** to scroll to
AUDIO ADJUST
Press **2** to select



Press **▲** to scroll up to
VOLUME
Press **2** to select



Press **▲** or **▼** to adjust the
volume
Press **1** to exit volume
Press **1** to exit audio adjust
Press **1** to exit menu

