

AVID - Panasonic Varicam LT 4K Recording setup and AVID 4K Project Setup



Connection to slid on and attach the Eye Piece or Viewfinder



Slide on the Viewfinder and make sure latch is pulled forward and tight



Mounting bracket for the Menu "Control Panel" and Monitor



Slide on the "Monitor / Control Panel" and securely tighten the lever to hold it in place



This is how the monitor should look mounted



Plug in the monitor to this Multi Pin Input



This multi-pin cable is very easy to break and bend pins be extremely careful not to force the cable into the connector. It will connect without forcing it.



To disconnect pull the barrel back to release the cable.

It too is difficult and don't force it



Connect two cables Power and SDI Video to the Eyepiece/Viewfinder from the camera body



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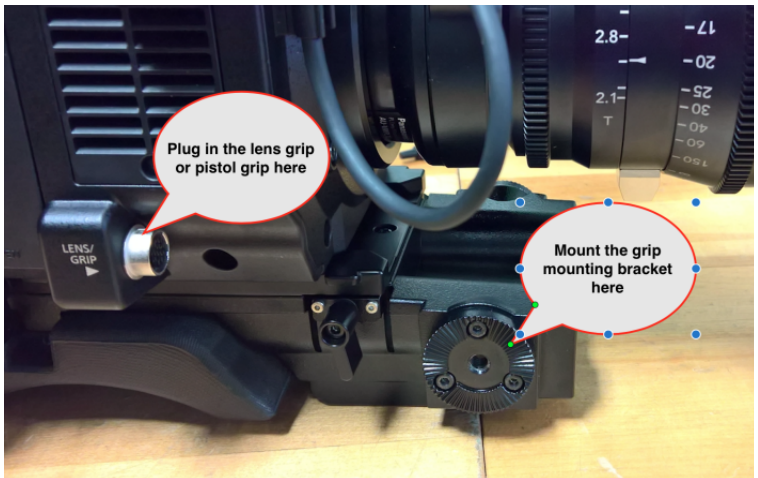
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power and control capabilities shown here

Connect the mounting bracket for the grips shown here

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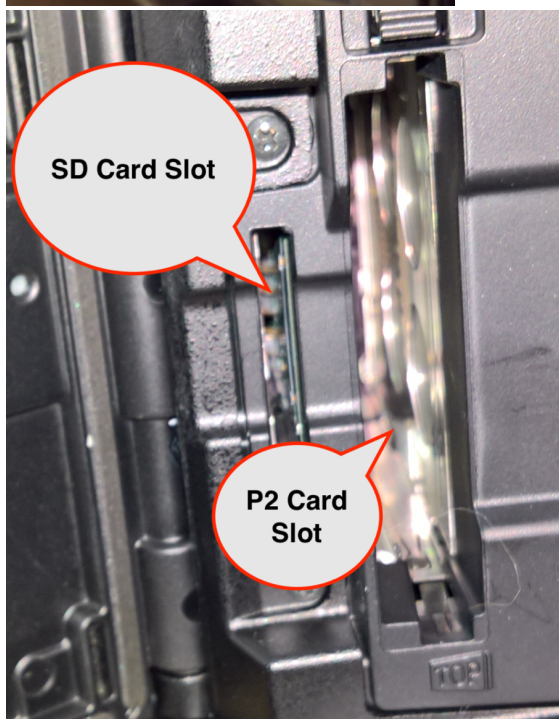
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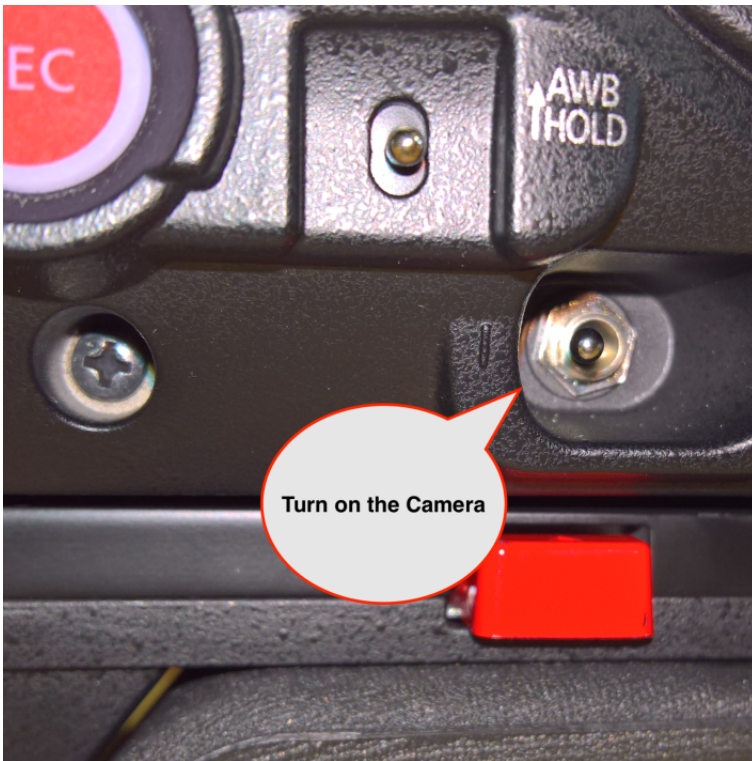
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an SD card P2 for the HiRes recording and SD for proxy recording
MUST USE BOTH CARDS or the camera won't



record

Turn on the power button to the camera



Format the Cards before your record Press Menu





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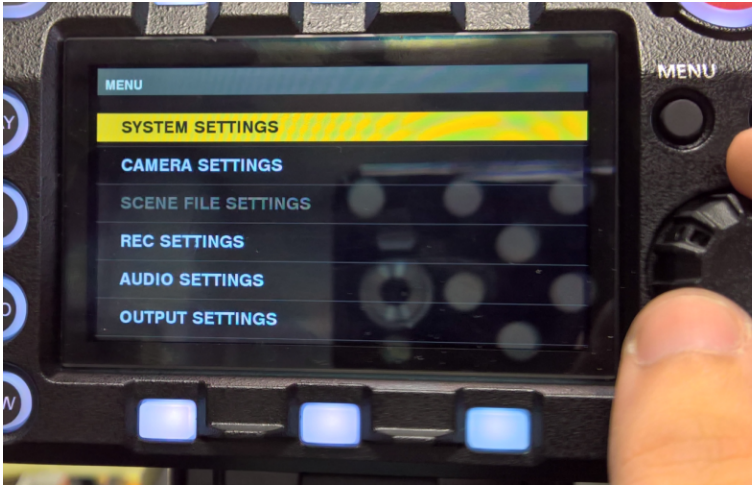
Choose Format Media		
Format the Card in the Main Slot = P2 and the Sub Slot = SDHC slot		
Reset the camera to Fa		

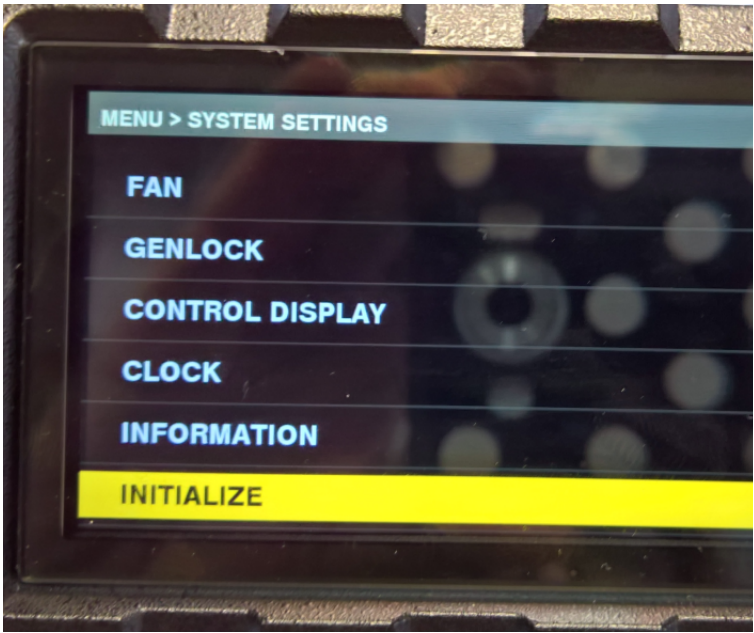
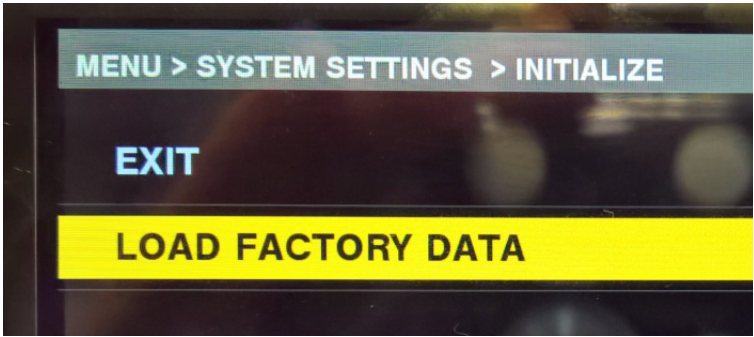
copy Settings because that is the most used setting. It will set the camera to 4K 23.98 recording to the P2 and HDD 1080p

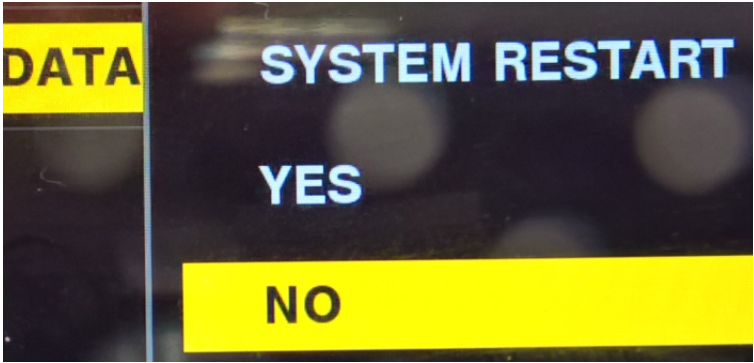


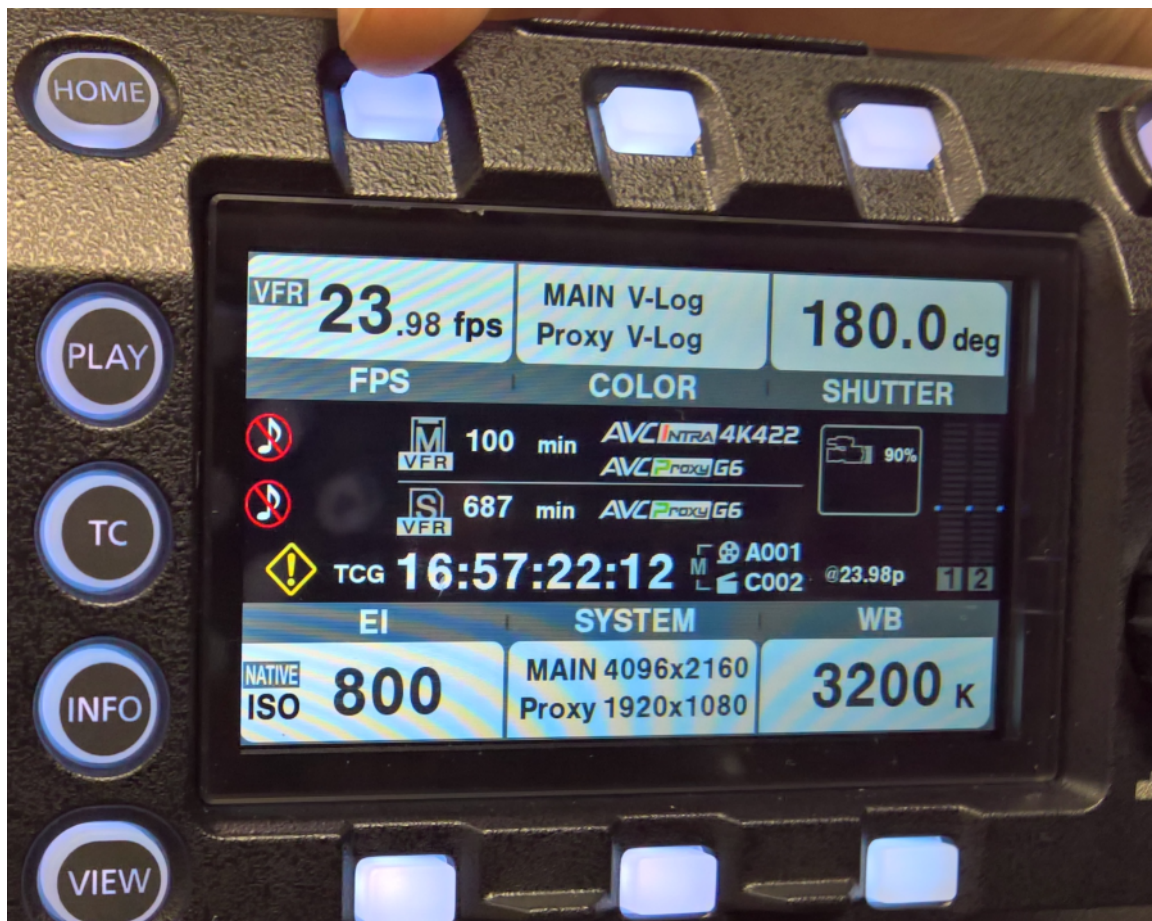
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C h o o s e I n i t i a l i z e		 <p>A photograph of a control panel screen showing a menu. The title bar at the top reads 'MENU > SYSTEM SETTINGS'. Below it, a list of options is displayed: 'FAN', 'GENLOCK', 'CONTROL DISPLAY', 'CLOCK', 'INFORMATION', and 'INITIALIZE'. The 'INITIALIZE' option is highlighted with a bright yellow background bar.</p>
L o a d F a c t o r y D a t a		 <p>A photograph of a control panel screen showing a sub-menu. The title bar at the top reads 'MENU > SYSTEM SETTINGS > INITIALIZE'. Below it, two options are displayed: 'EXIT' and 'LOAD FACTORY DATA'. The 'LOAD FACTORY DATA' option is highlighted with a bright yellow background bar.</p>

<p>C h o o s e Y E S to R e s t a r t t h e S y s t e m a n d r e s t o r e F a c t o r y D e f a u l t s</p>	
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This will set the frame rate to 23.98 4K Aspect Ratio 4096 x 2160
 Proxy Recording set to 1920 x 1080 on SDHC cards
 Native ISO 800 (not low light) if need low light change this to 5000 ISO
 The rest of the settings can be adjusted by pressing the white buttons underneath the settings.

To Auto White Balance
on a white board use
the AWB Hold button



Press the VIEW button
to put the monitor in
Viewing mode



Press the REC button to start recording

This button toggles recording on and off



To adjust the Overcrank and Undercrank press the VFR white button on the "Home" page of the camera "Control Panel"



Press the same white button again to turn "ON" VFR and then turn the knob to what frame rate

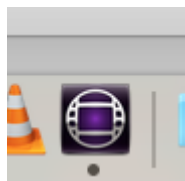


4K only will go to 30FPS overcranking and 2 fps undercrank
2K will go to 60 FPS overcrank

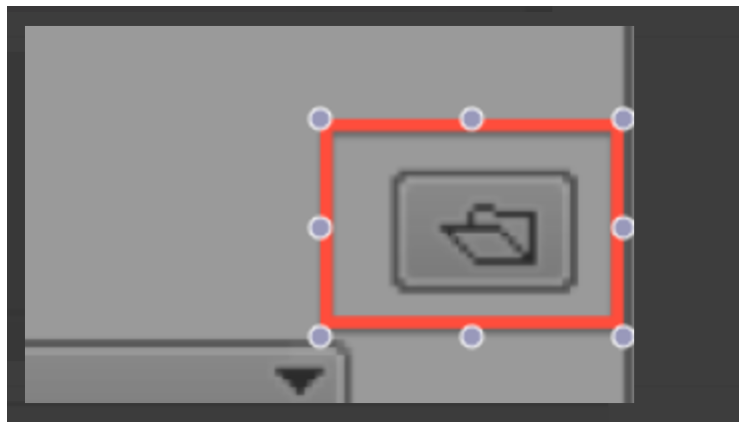


Once you have shot footage on the Panasonic Varicam LT you need to bring that into AVID.

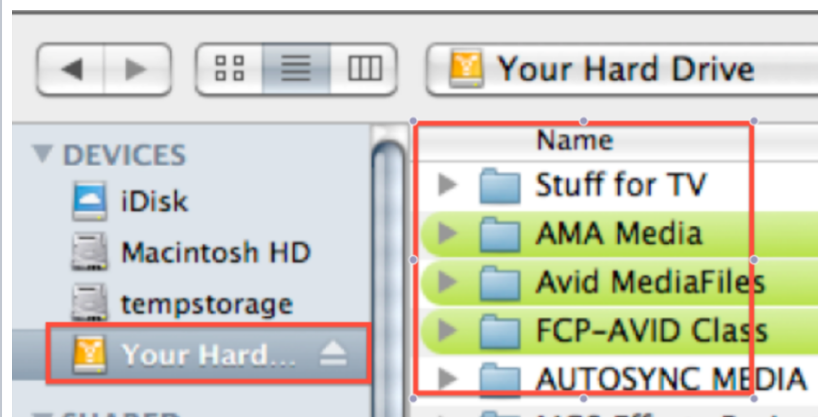
Launch AVID



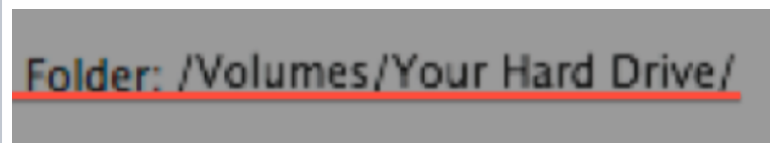
The Initial Project Screen will open. Here is where you choose where you create and save new projects. Click on the "Folder" to select where to save your new projects also how to navigate to already existing projects.



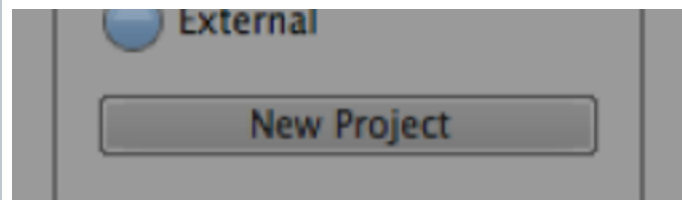
Navigate to the hard drive and folder that you want AVID to access and save new projects



You can look at the path where AVID will be accessing projects once you select the folder

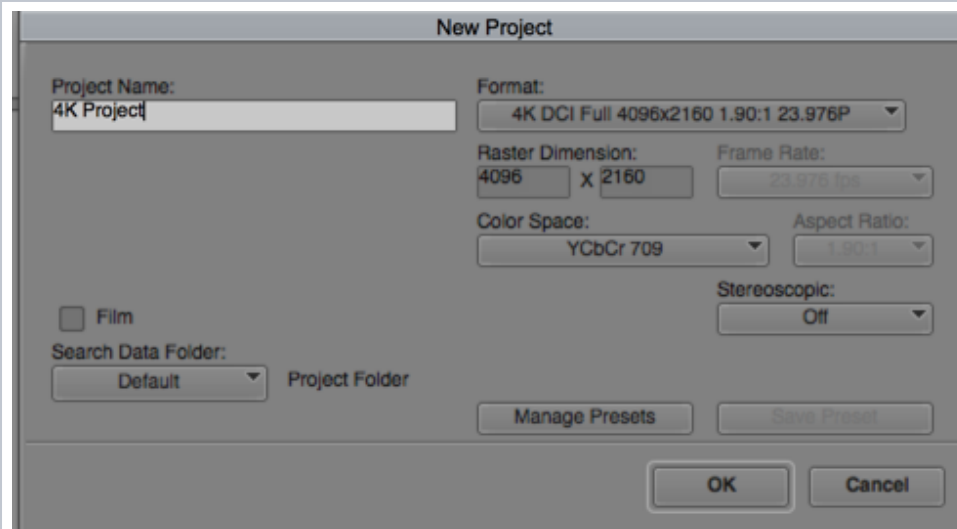


Now click on the "New Project" button



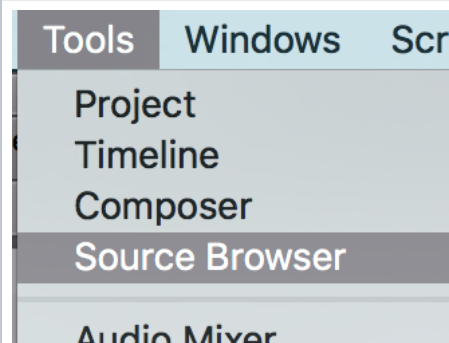
The New Project Dialog will come up. Select the project parameters

- Choose the Project Name
 - The Format 4096 x 2160 Color Space - YCbCr 709
 - Color Space YCbCr
 - Stereoscopic Off
- Click OK to create the project



Open the Source Browser if you haven't already

Go to >Tools>Source Browser

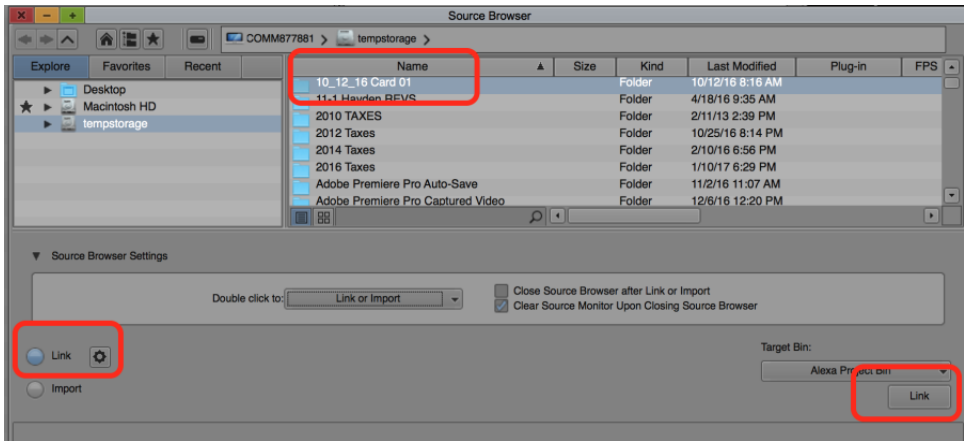


Choose to "Link"

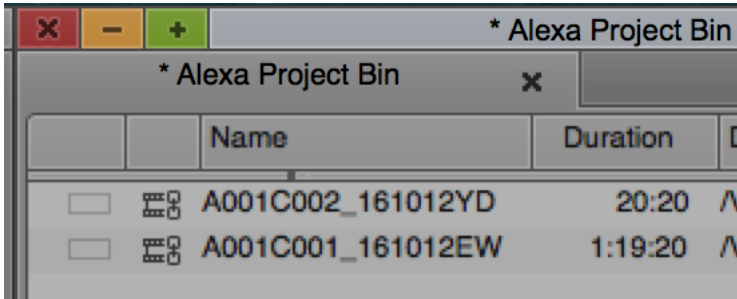
Navigate to the location of the RAW Card Files

You should be able to select the folder that contains all the card files

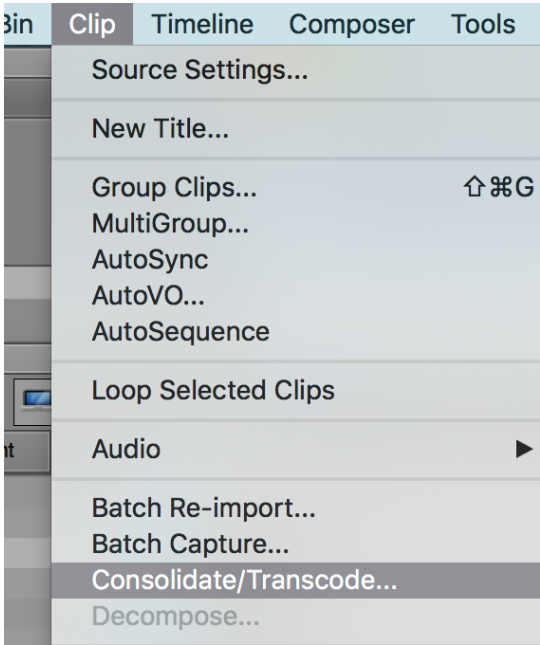
Click on Link



The files will load into the open bin



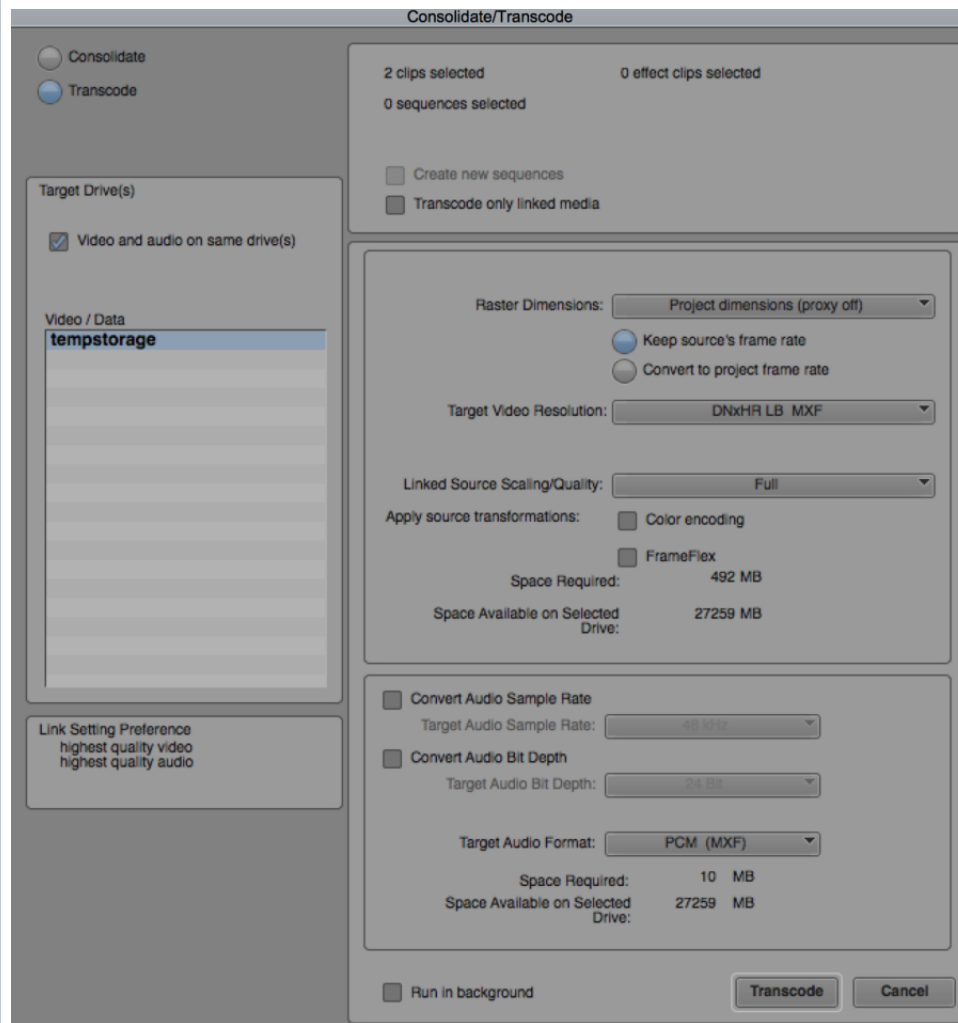
Select the files in the bin and choose >clip>Consolidate/Transcode



Then select where you want to save the consolidated files and choose the "Target Video Resolution"

We recommend DNxHR LB MXF

Then Choose Transcode



Edit with the master clip not the linked file

Notice the different icon for a linked file

