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
Make sure the bracket lever is securely holding on the monitor.
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.

Connect the Battery and/or Power Supply here.

Hook up the Video SDI cable from the SDI of the camera.

Also connect the power from the DC Out to the viewfinder.
Mount the lens as shown.

Turn this ring to tighten lens connection to the mount.
This is the shoulder mount plate on the bottom of the camera. Slide the shoulder mount onto the plate and make sure it locks in place.
Connect the Pistol Grip or Lens Grip power and control cables shown here.

Connect the mounting bracket for the grip shown here.
mounting bracket for the grips shown here

Tighten the bracket with the wing nut type thumb screw
Here is an example of how the pistol grip looks:

- Press the Door Hinge to open the Card Slot door
- Insert tap 2 and an SSD card
Turn on the power button to the camera.

Format the cards before your record, press Menu.
Choose System Settings by pressing the knob at the right of the screen.

Scroll down to Cards/Media.
Choose Format Media

Format the Card in the Main Slot = P2 and the Sub Slot = SDHC slot

Re-Set the camera to Factory Set
It will set the camera to 4K 23.98 fps or switching to the opposite files.
Choose System Settings by pressing the knob at the right of the screen.

The SD card setting can also be accessed by pressing the menu button.
Choose YES to Restart the System and restore Factory Defaults.
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 View 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.