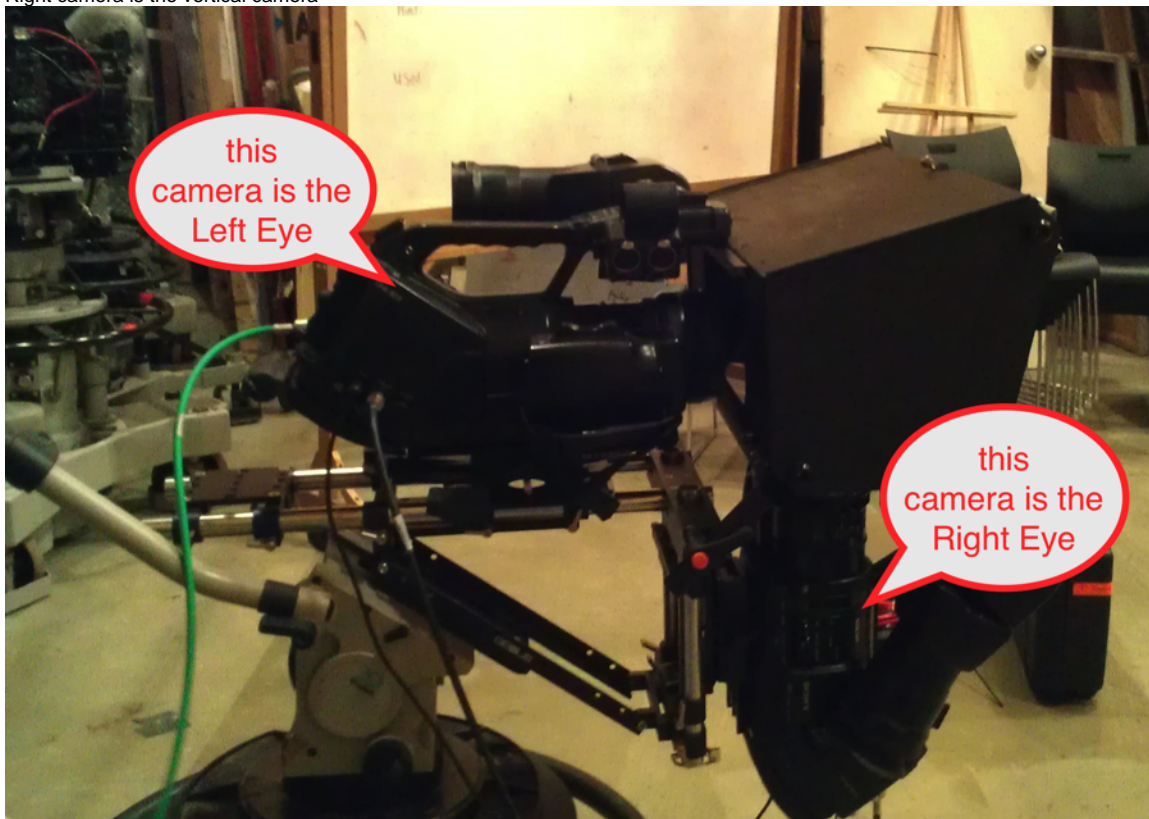


Beam Splitter setup

Beam Splitter setup

Left camera is the horizontal camera

Right camera is the vertical camera



On Left Eye Camera Patch Monitor out to Right Eye Camera Genlock in



On Left Eye Camera Patch Monitor out to Right Eye Camera Genlock in



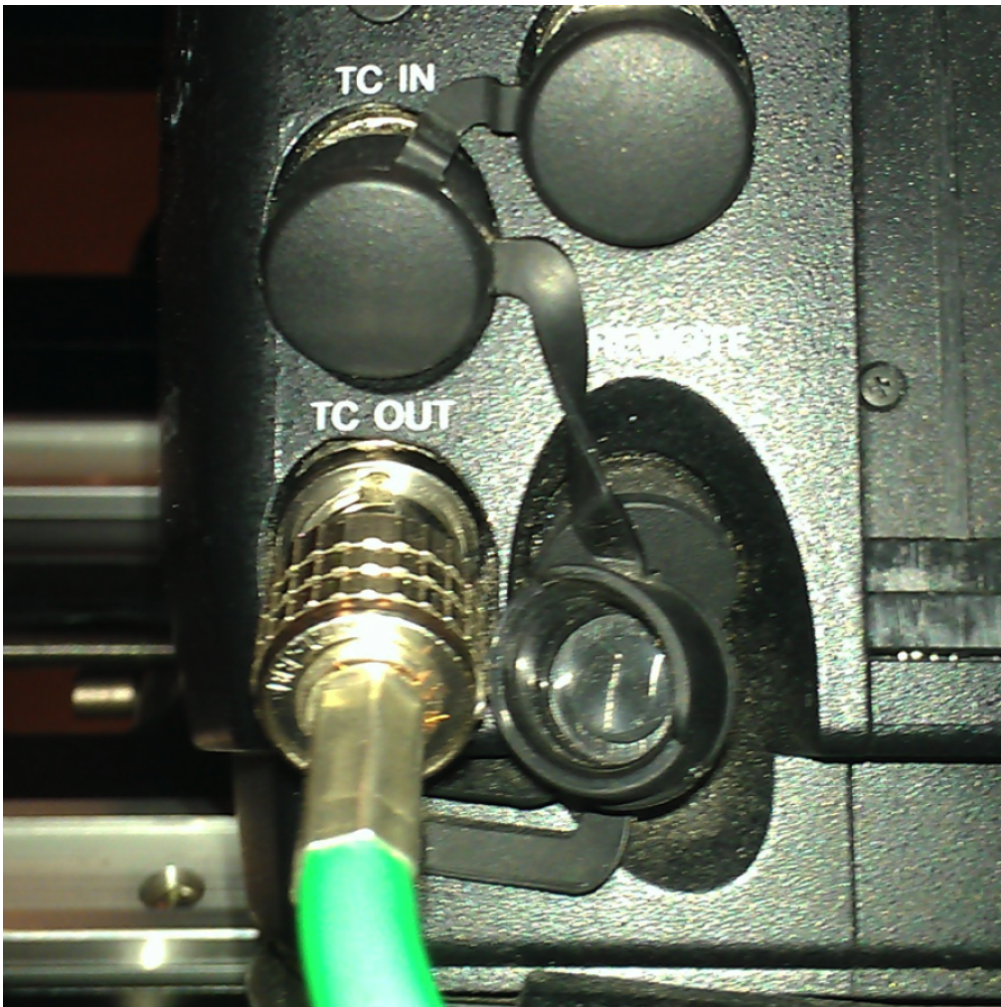
Genlock Input on Right Eye Camera



Remove the Mirror Protector cover



Patch Left Eye Timecode BNC Out to the BNC Timecode In on the vertical camera or Right Eye



Patch Left Eye Timecode BNC Out to the BNC Timecode In on the vertical camera or Right Eye



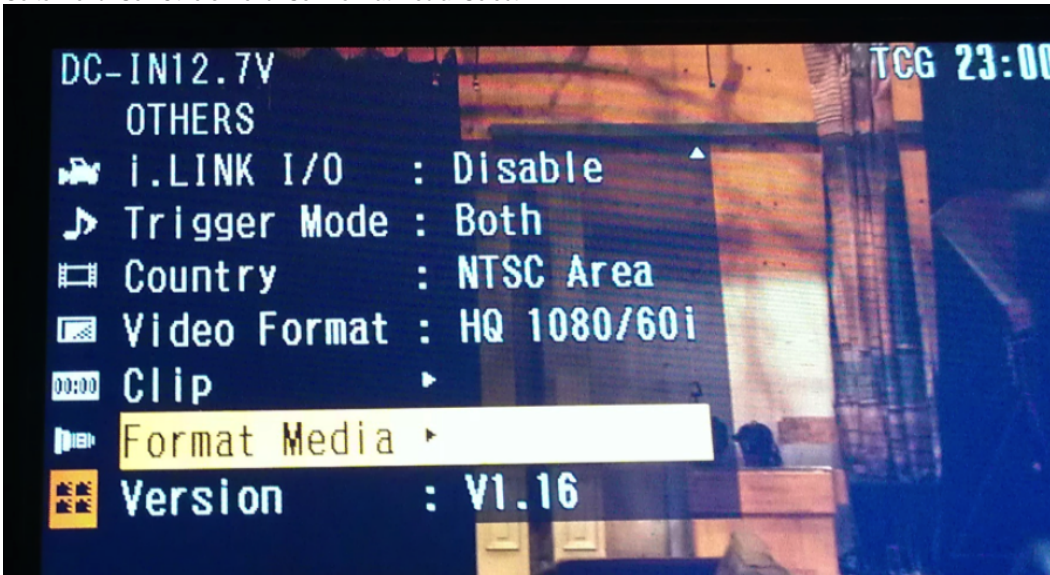
Turn on both cameras – Turn switch to CAMERA



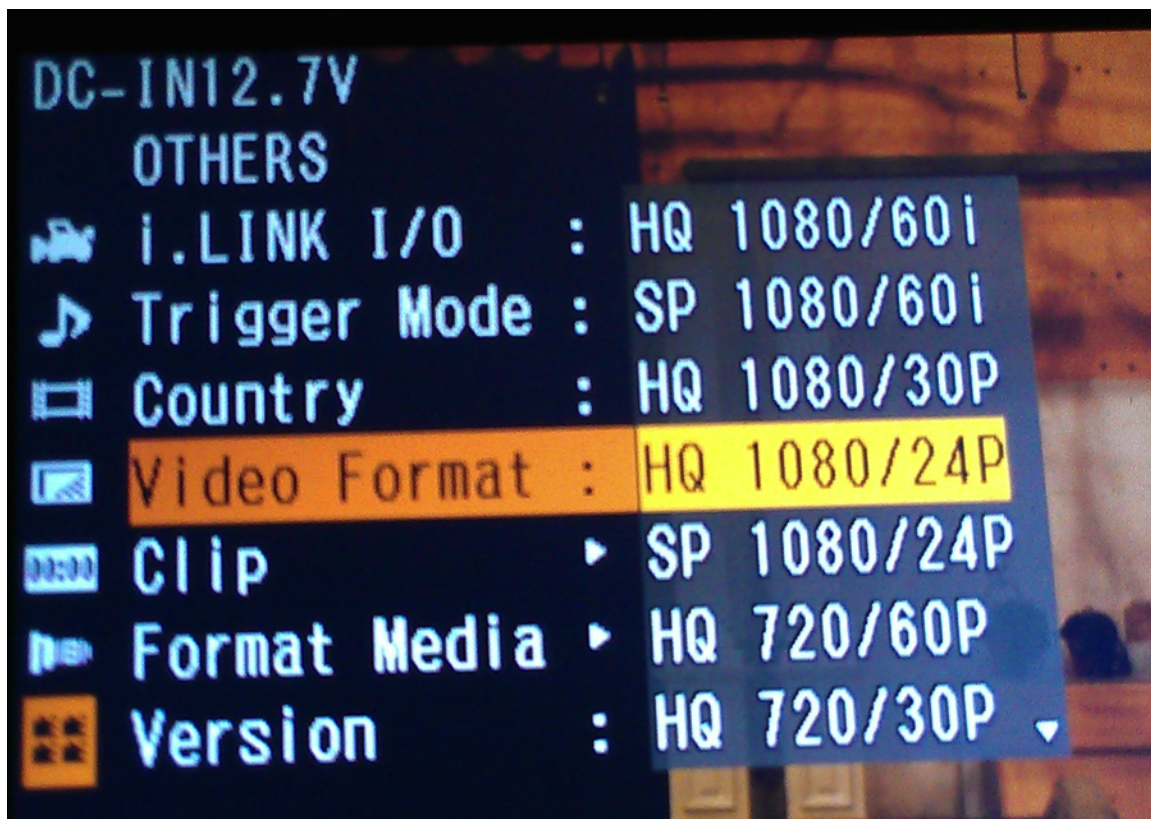
Reset the camera to default – Go to Menu>Sel>Others Menu>Sel>Choose All Reset



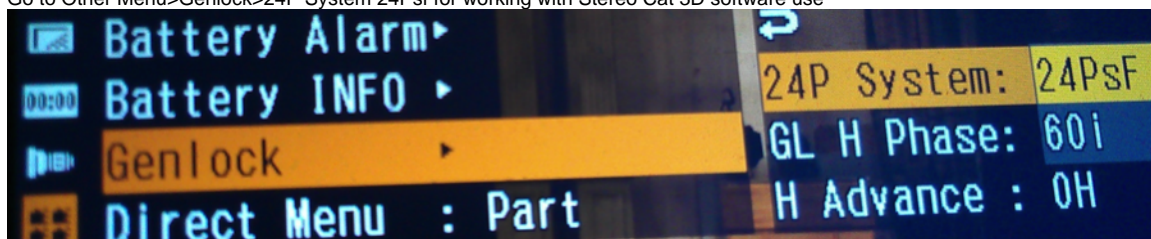
Format the cards
Go to Menu>Sel>Others Menu>Sel>Format Media>Select



Set the frame rate to 1080 24
Go to Menu>Sel>Others Menu>Sel>Video Format>HQ 1080/24P

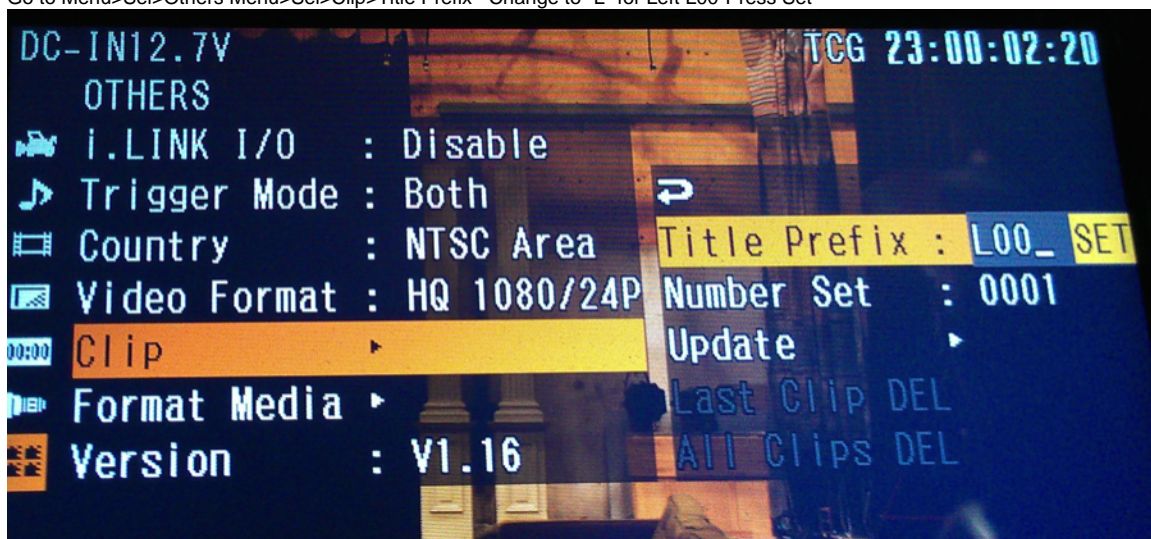


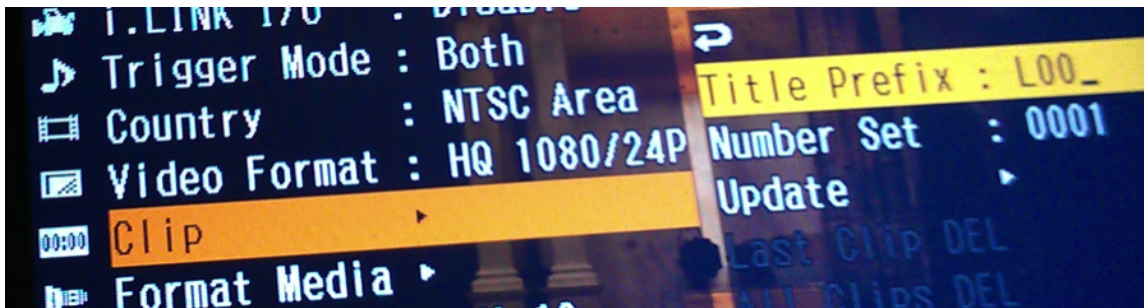
Go to Other Menu>Genlock>24P System 24Psf for working with Stereo Cat 3D software use



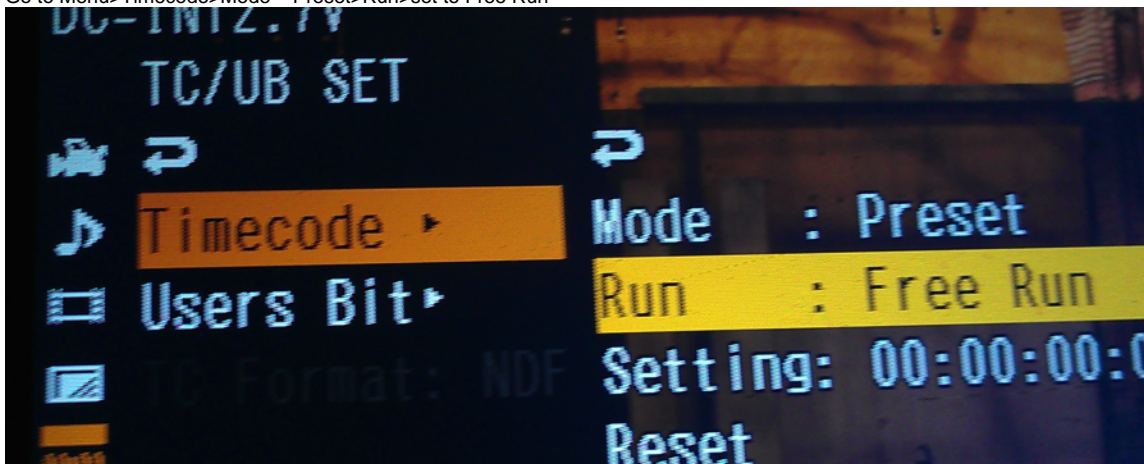
Set the clip names to L or R

Go to Menu>Sel>Others Menu>Sel>Clip>Title Prefix -Change to "L" for Left L00-Press Set





Change the timecode to Free run
 Go to Menu>Timecode>Mode – Preset>Run>set to Free Run



Click Reset so you start from zero
 Go to Menu>Timecode>Reset

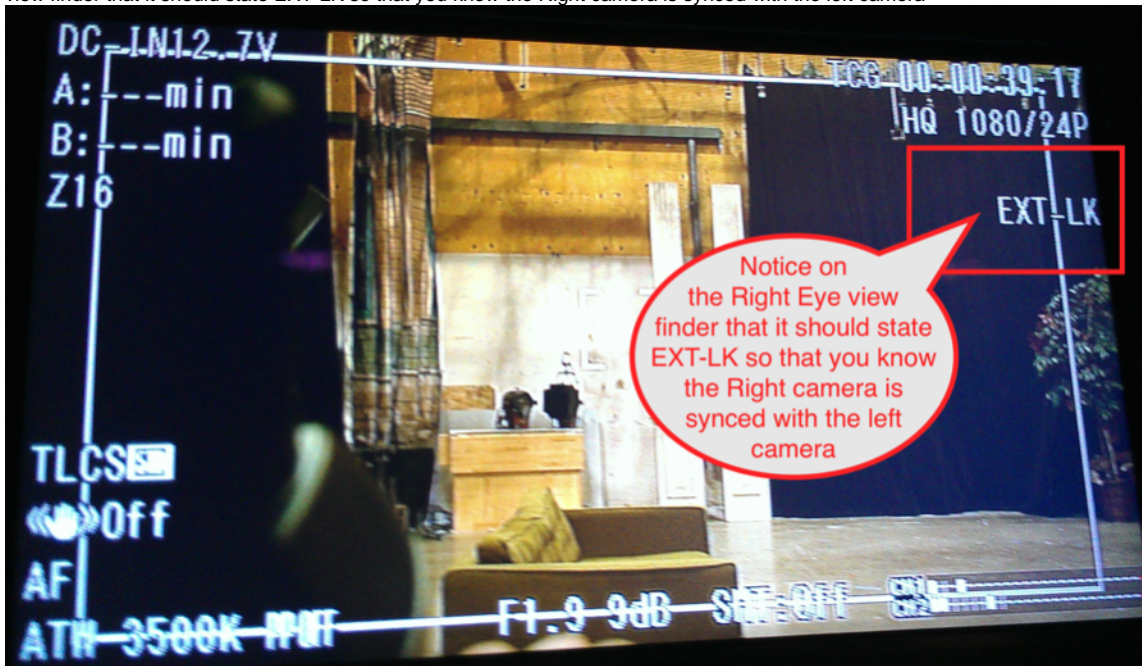


Do the same to the Right Eye Camera except change the Title Prefix to R00_
 Go to Menu>Sel>Others Menu>Sel>Clip>Title Prefix – Change to "R" for Right R00-Press Set



Notice on the **Right Eye**

view finder that it should state EXT-LK so that you know the Right camera is synced with the left camera



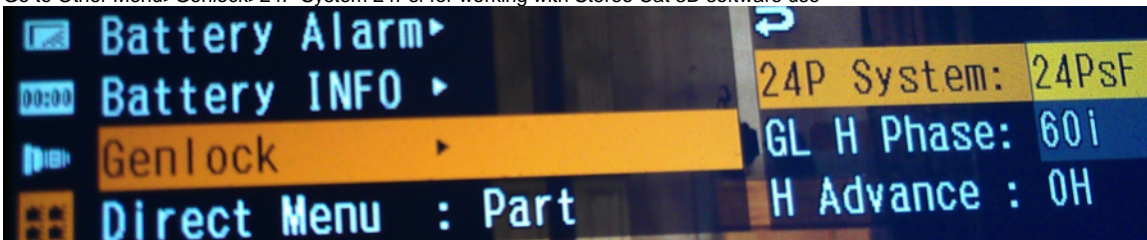
NOTE - THE TRANSVIDEOMONITORS ONLY WORK IN 60i

Go to Other Menu>Genlock>24P system: 60i is setting for Transvideo monitor use only use 24P for most recording use.

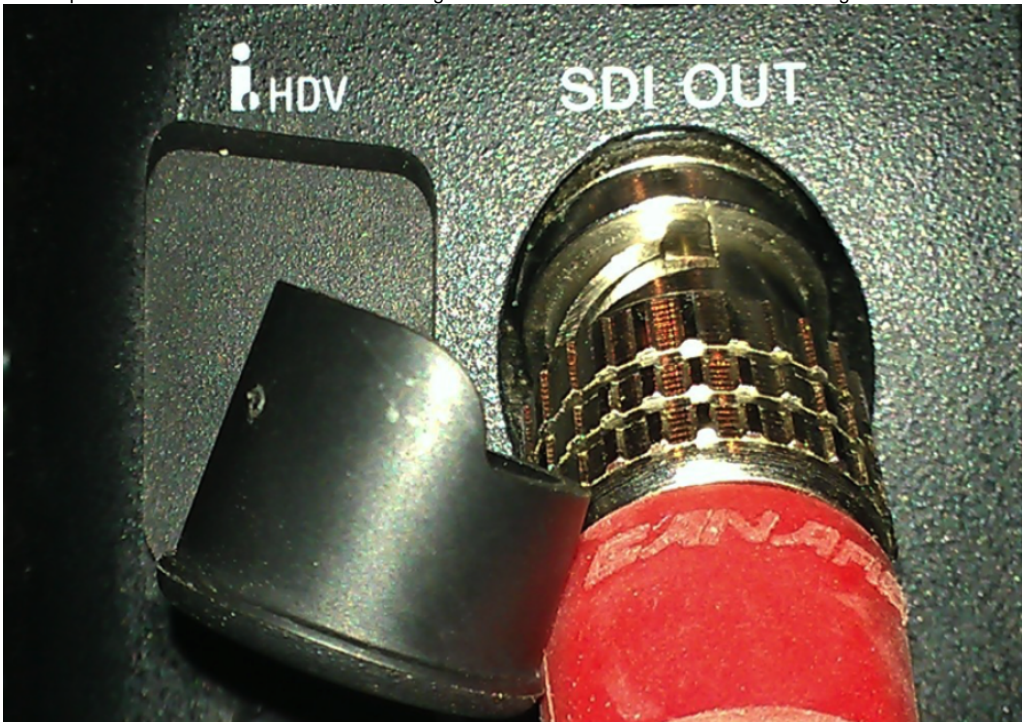


THE StereoCat 3D works in 24P

Go to Other Menu>Genlock>24P System 24PsF for working with Stereo Cat 3D software use



To setup the StereoCat 3D Patch the Left and Right OUT of the cameras and into the Blackmagic SDI A and B SDI IN – Left Eye SDI Out below



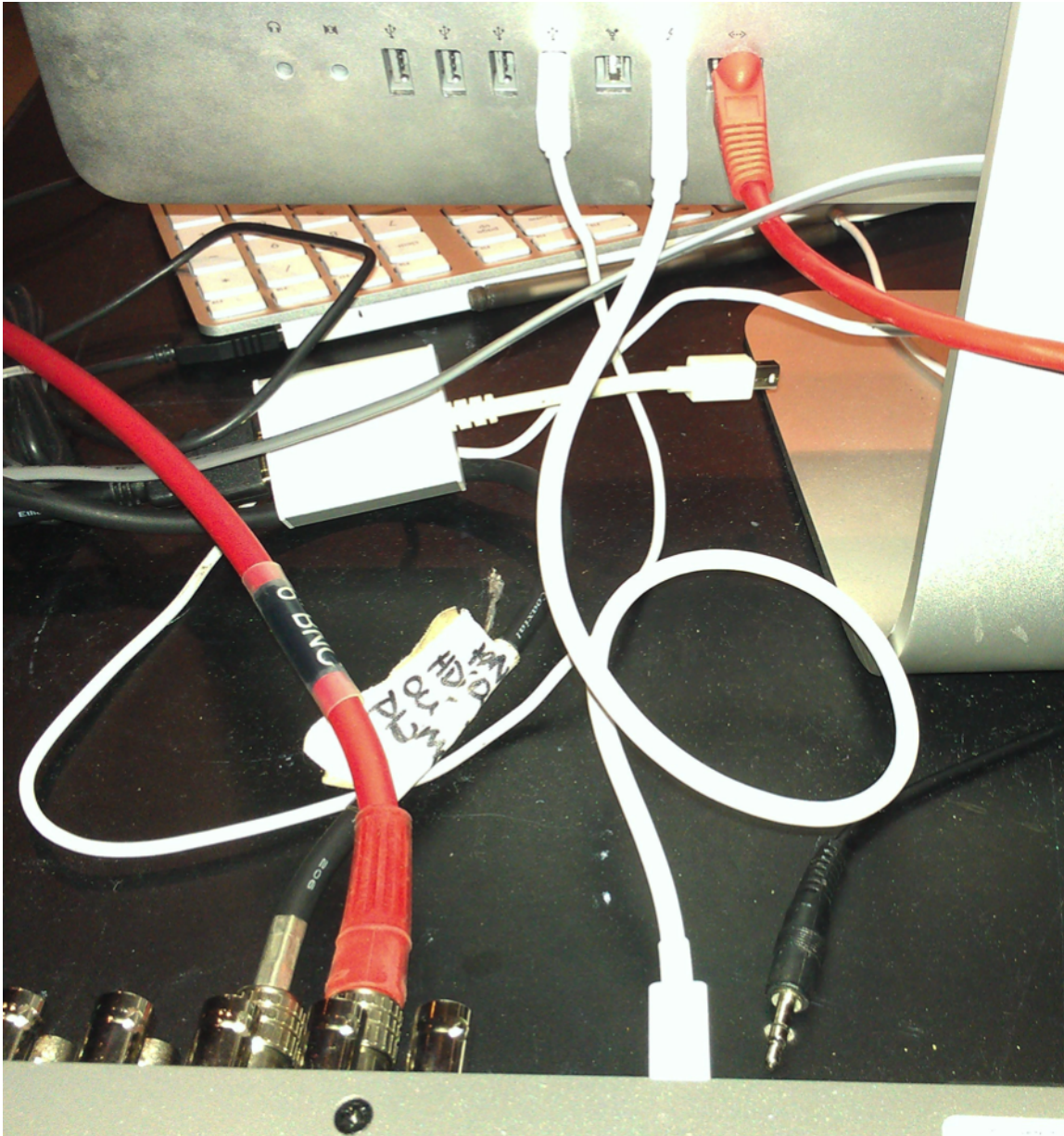
Right Eye SDI Out below



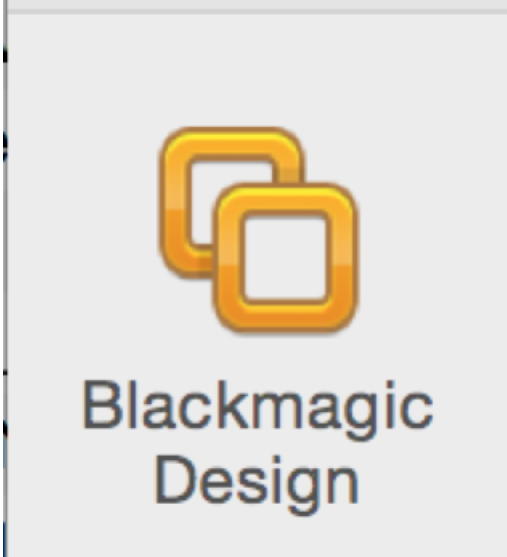
Patch Left Eye to A IN on Black Magic – Patch Right Eye into B in



Make sure the Black Magic Design Box is connected via **thunderbolt** to the Mac

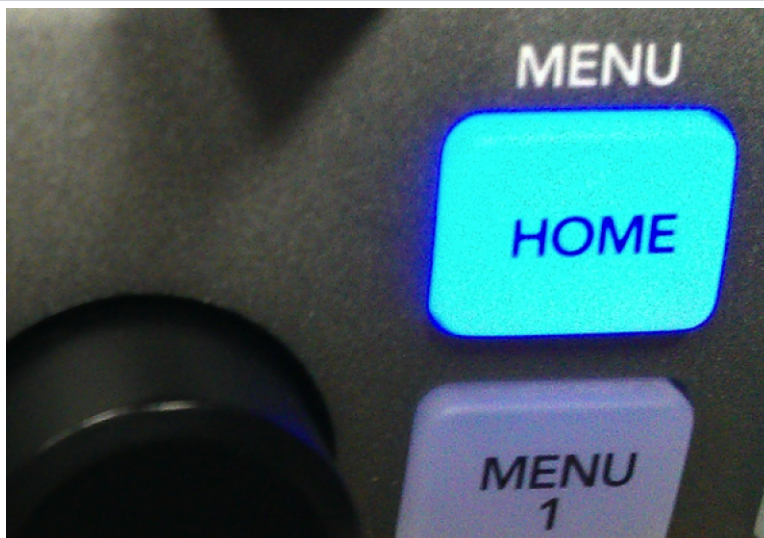


Note Need a Frame Grab of the BMD system Prefs here

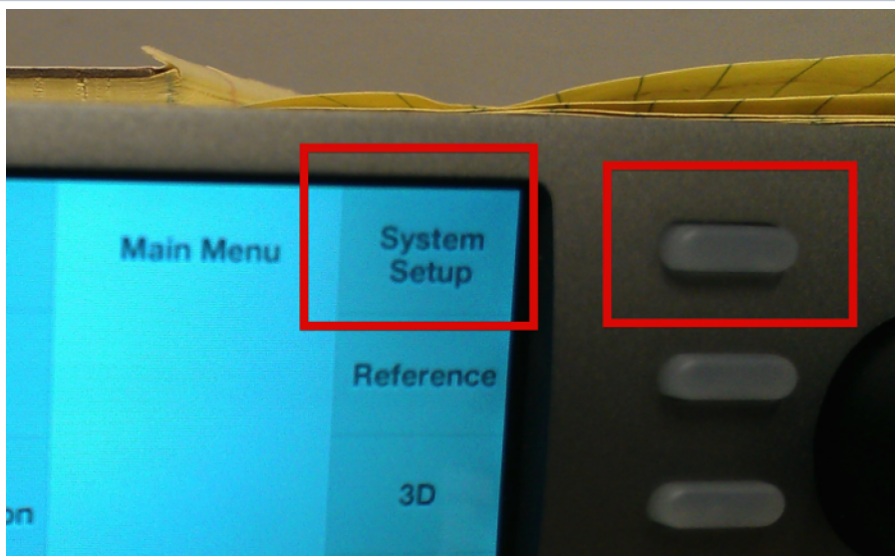


Setup the Blackmagic Design - Terranex settings

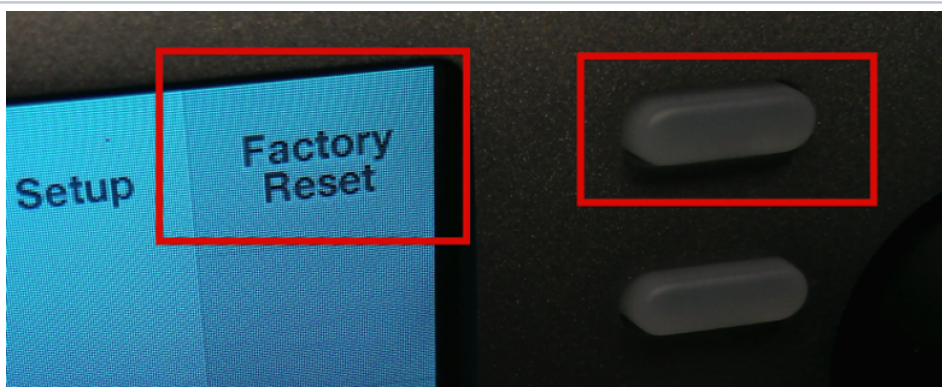
Press >Menu>Home>



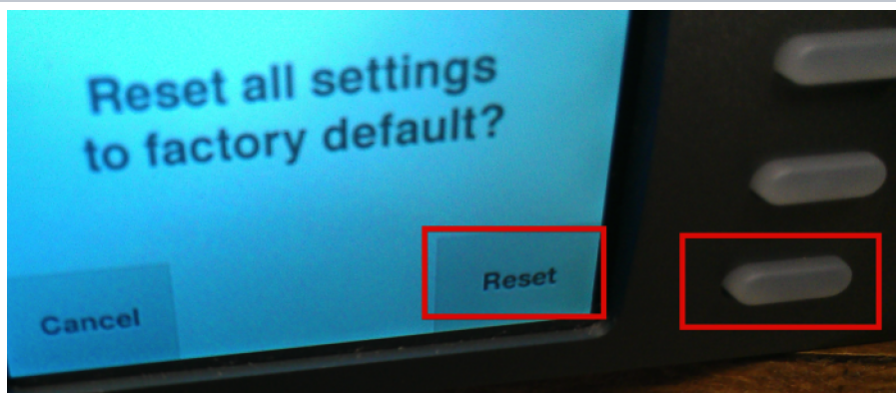
Press the soft key next to System Setup to choose system setup



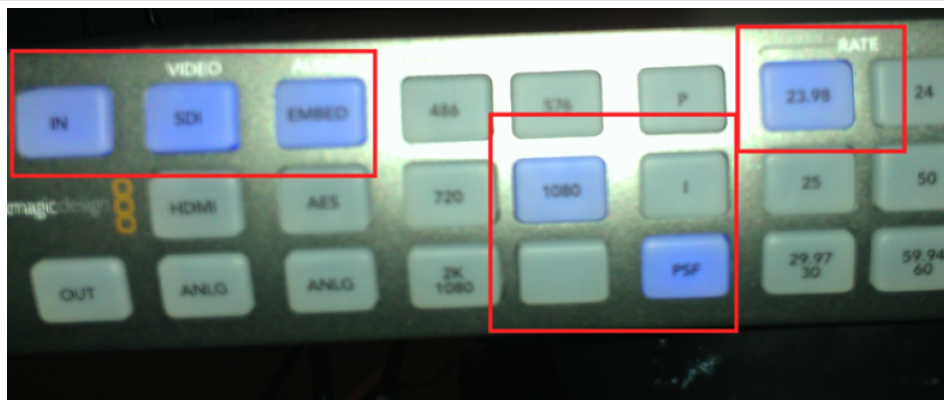
Press the softkey next to Factory Reset



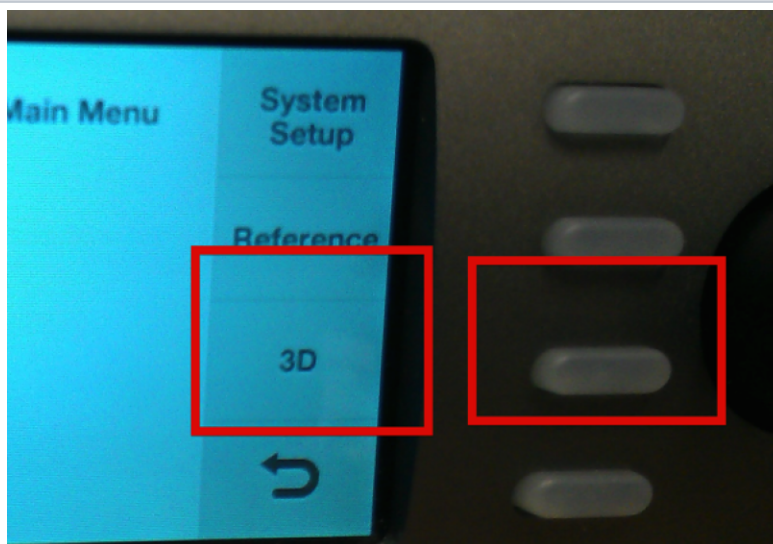
Press the softkey next to Reset to reset the Terranex



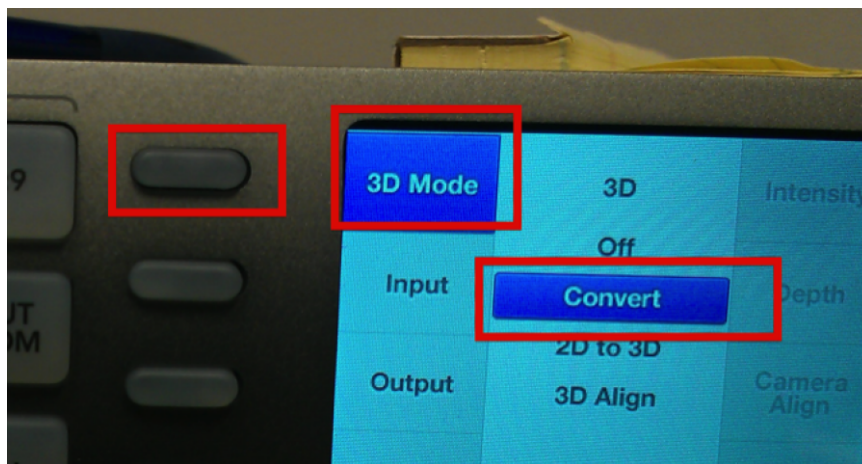
Press on the Terranex –
Video – In >SDI
Audio – Embed
Format – 1080
Frame – PSF
Rate – 23.98



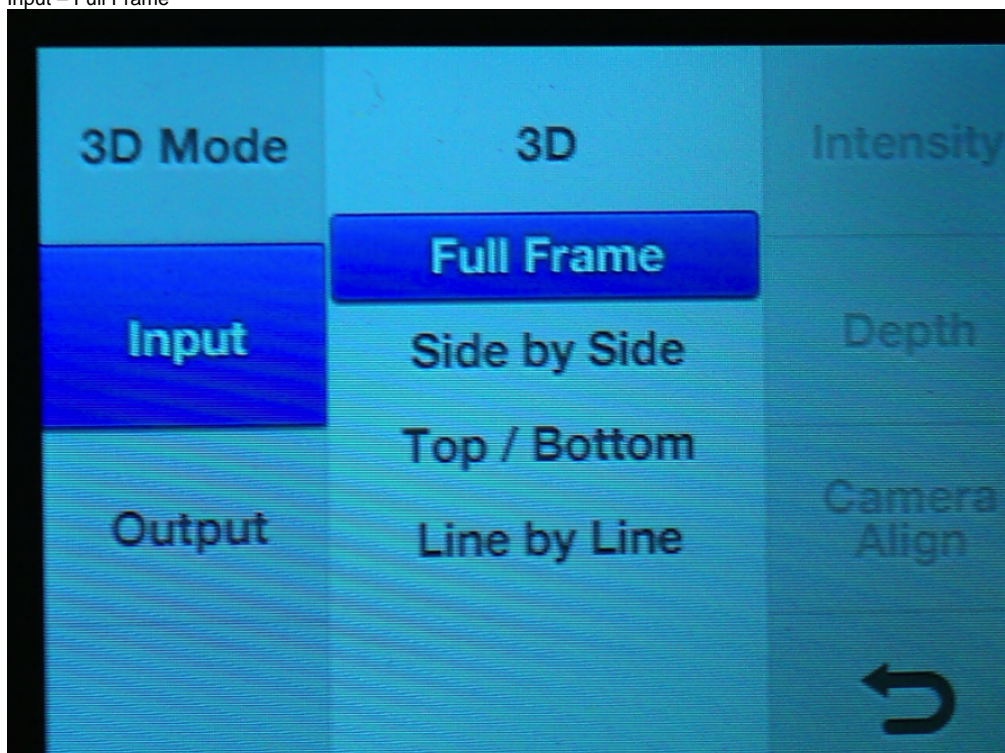
Next Press 3D softkey



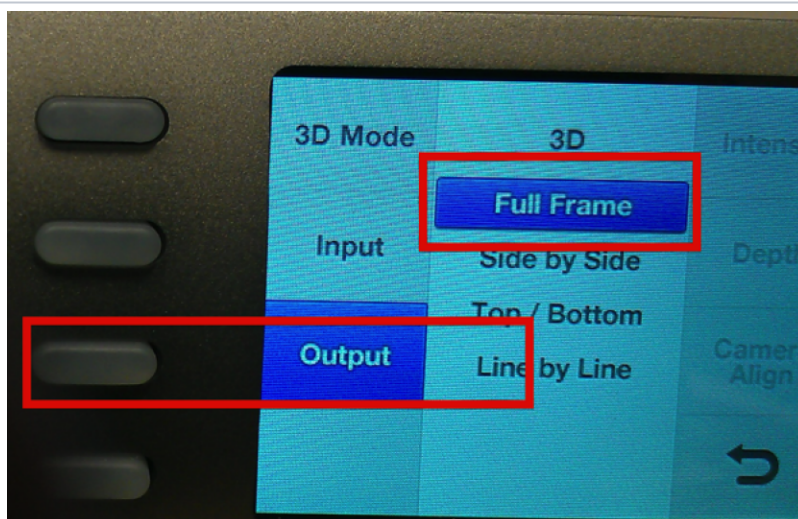
Press Softkey for 3D Mode>Convert



Input – Full Frame



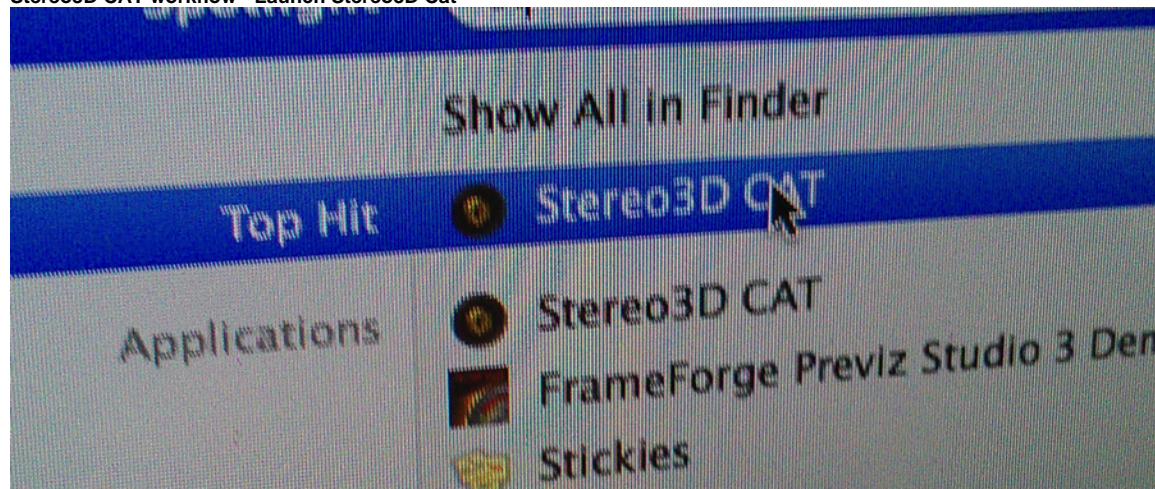
Press the softkey for Output>Full Frame



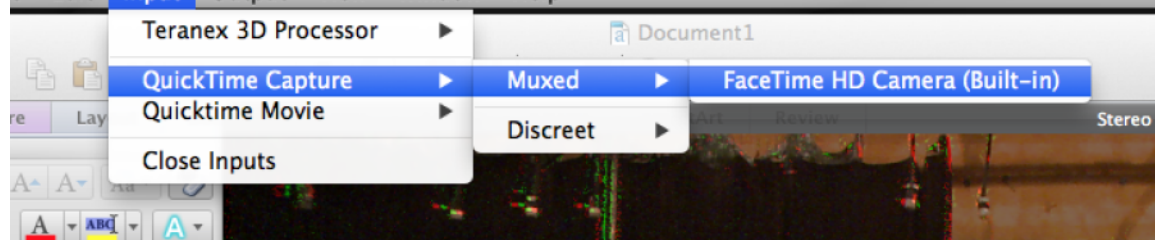
Should see image in the Teranex Viewfinder



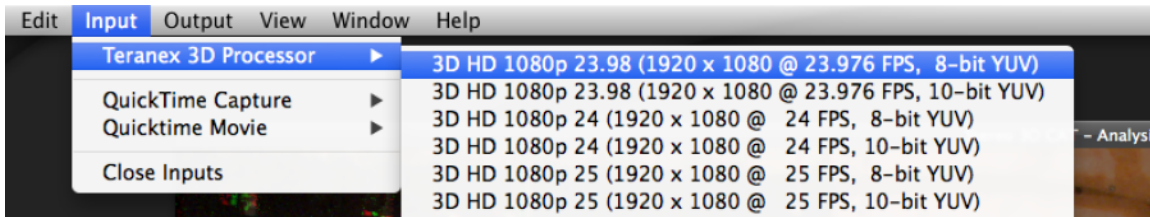
Stereo3D CAT workflow - Launch Stereo3D Cat



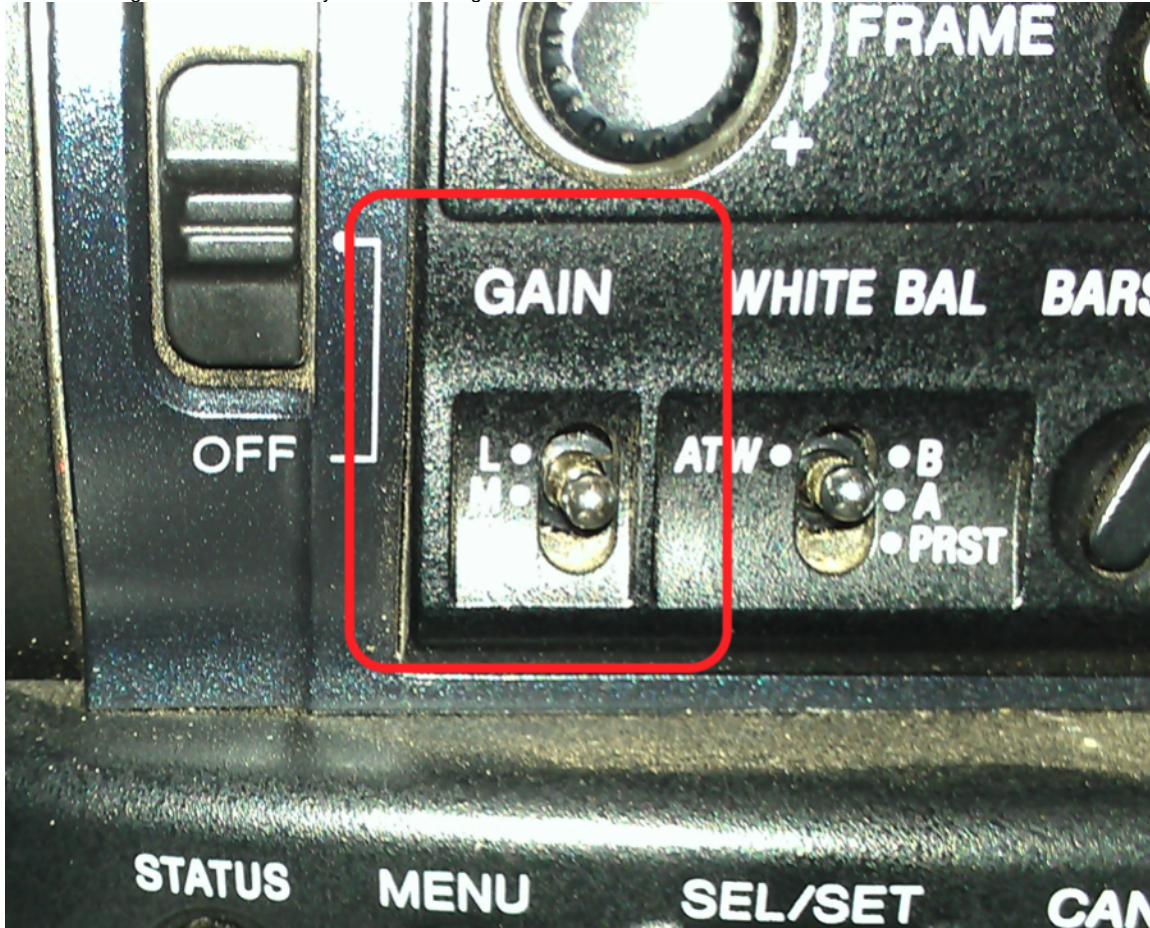
Go to Input>QuickTime Capture>Muxed>Facetime HD Camera (Built-In) This wakes up the software and can help recognize the Blackmagic device



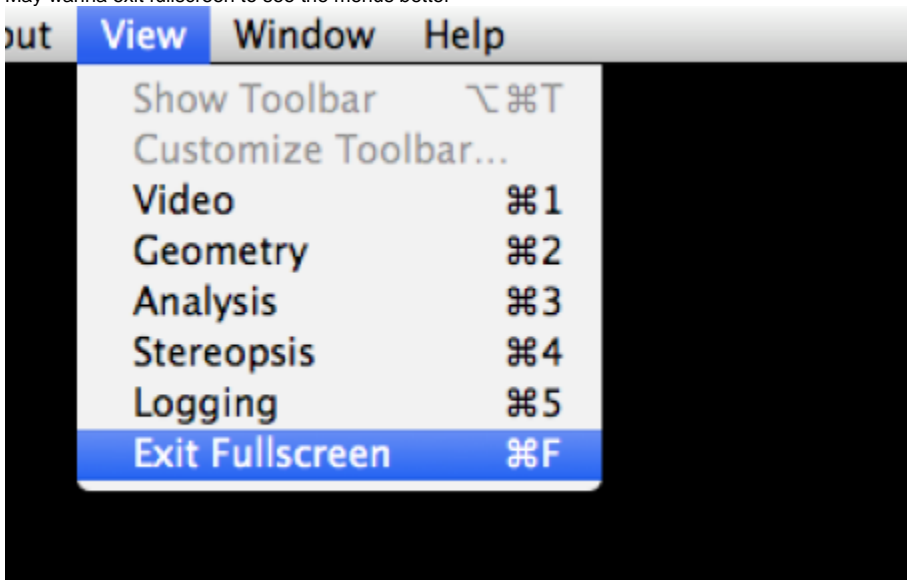
Then go to >Input>Teranex 3D Processor>3D HD 1080p 23.98 (1920 x 1080) @23.98 FPS, 8bit YUV) setting



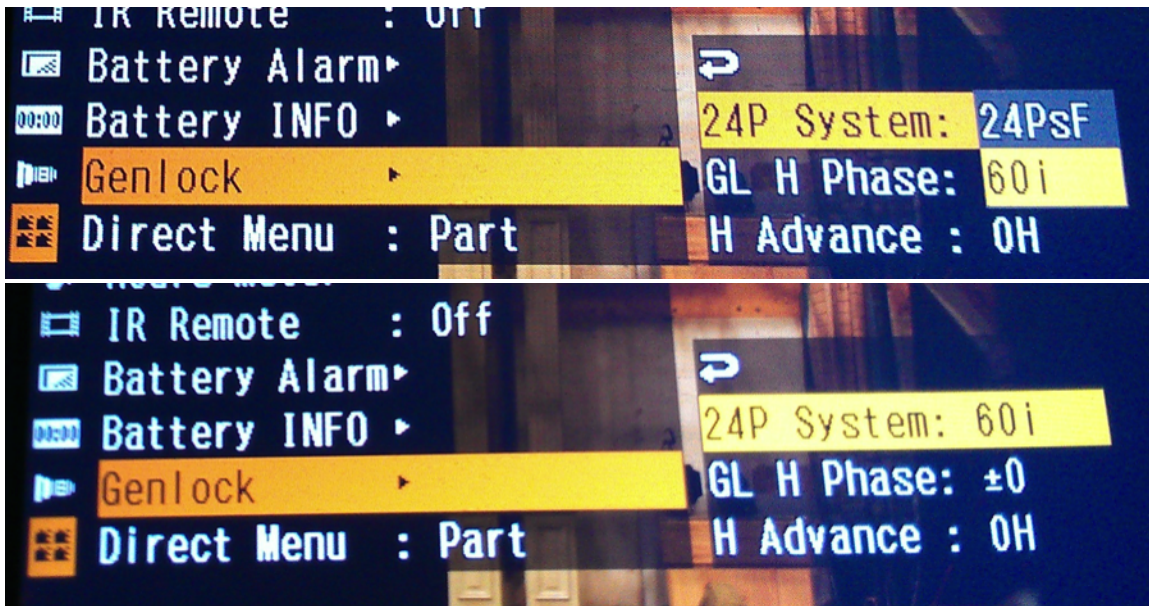
Increase the gain on the camera if you need more light



May wanna exit fullscreen to see the menus better



Transvideo Monitors SETUP> make sure to set the cameras to 60i gunlock before connecting to them
Go to Other Menu>Genlock>24P system: 60i is setting for Transvideo monitor.



Transvideo Monitors We have 3 of them
 Will let you see the Left Eye and or the Right Eye only plus the 3D image together.
 They take batteries the same ones as the td300

Battery for the TD300



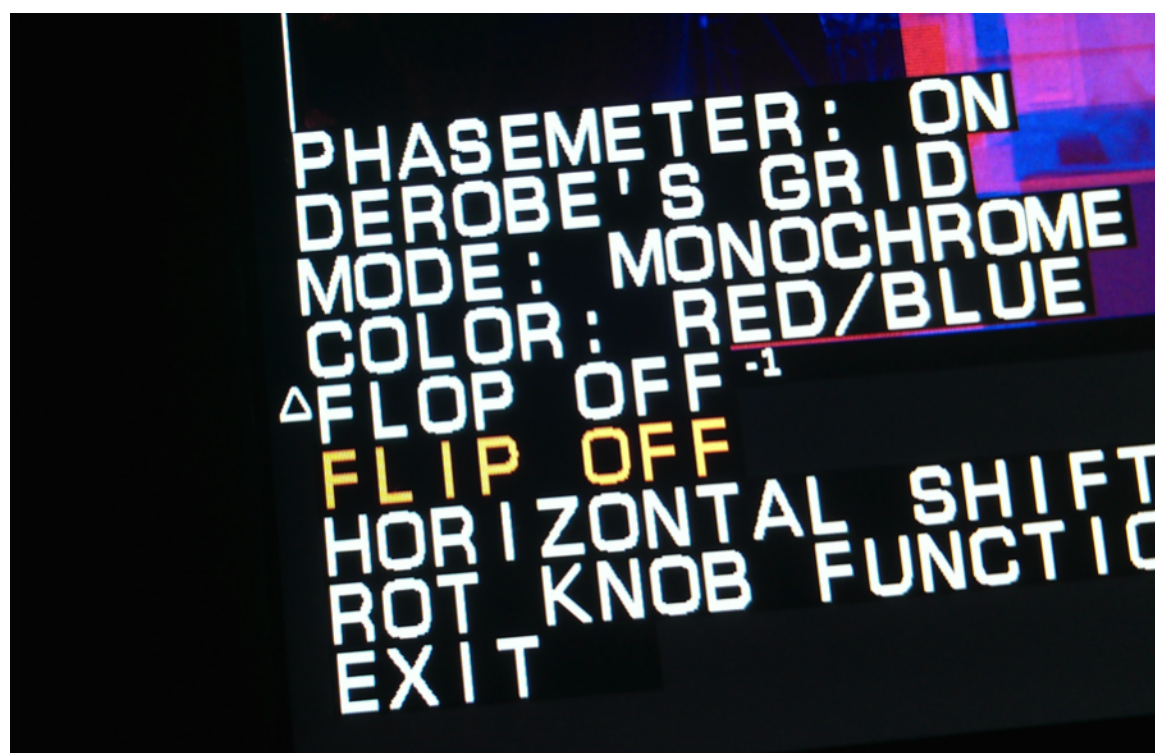
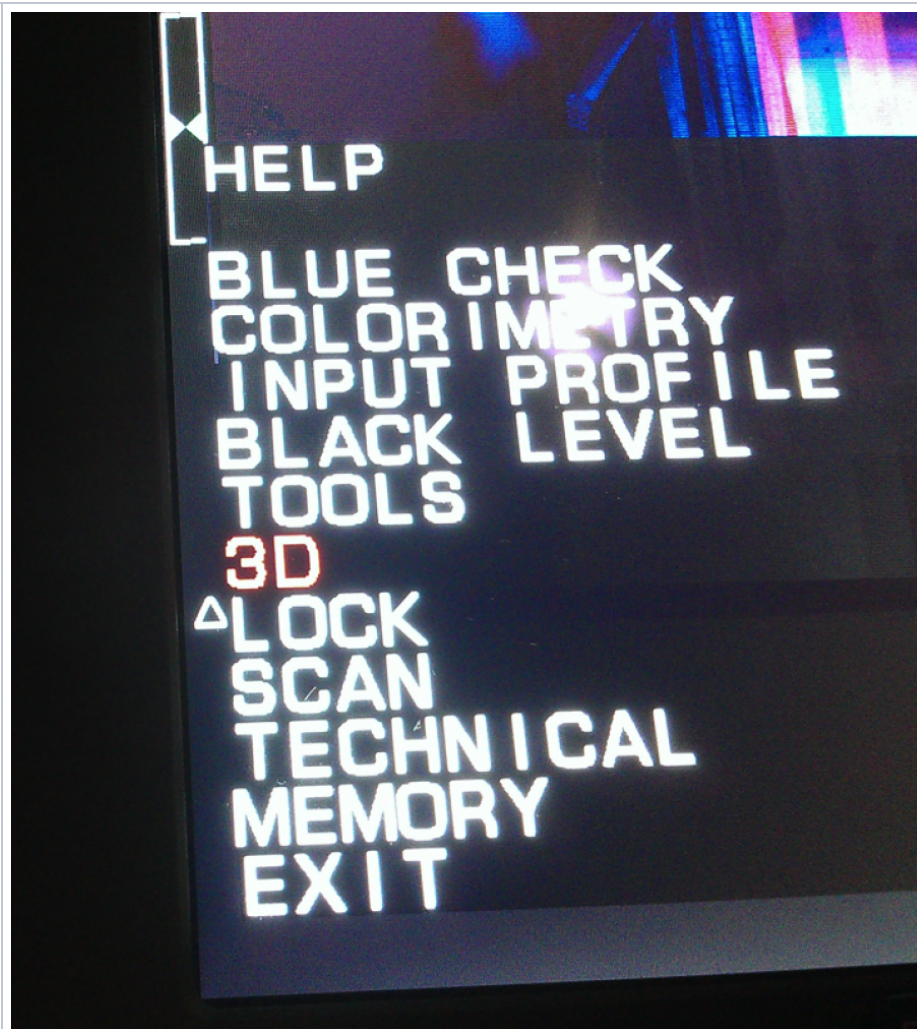
Patch A and B inputs to the monitor



Press the menu knob to access the Menus



Change to 3D



Flip and Flop OFF by default

PHASEMETER: ON
DEROBE'S GRID
MODE: MONOCHROME
COLOR: RED/BLUE
ΔFLOP OFF⁻¹
FLIP IN2
HORIZONTAL SHIFT:
ROT KNOB FUNCTION:
EXIT

Turn FLIP to IN2 for the stereo rig proper setup

PHASEMETER: ON
DEROBE'S GRID
MODE: ANAGLYPH
COLOR: RED/CYAN
ΔFLOP OFF⁻¹
FLIP IN2
HORIZONTAL SHIFT:
ROT KNOB FUNCTION:
EXIT

Change the Mode to Anaglyph or whatever mode you wanna see on the monitor.