

Blackmagic – Teranex – How to Capture 29.97 HDV or DV tape and Upconvert to 1080 23.98 Frame Rate Conversion and Upconvert Standards Conversion

Turn on HDV Deck



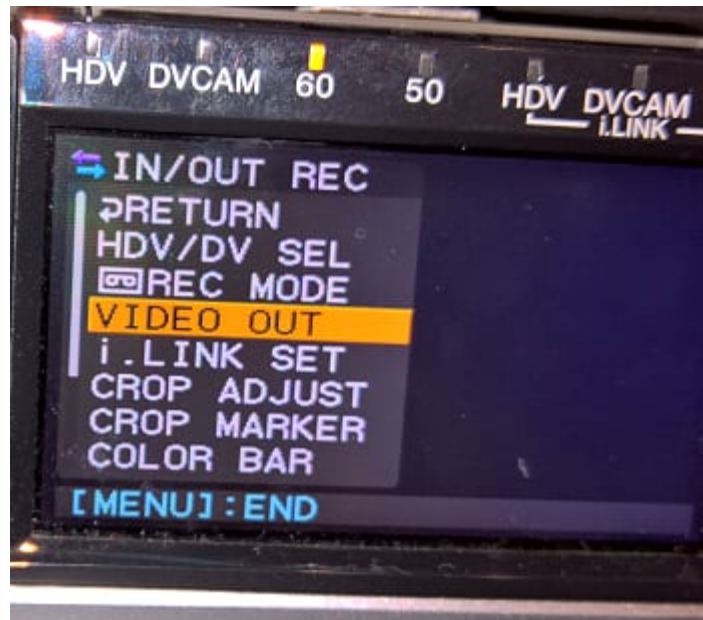
Click on Menu
Go to the In/Out



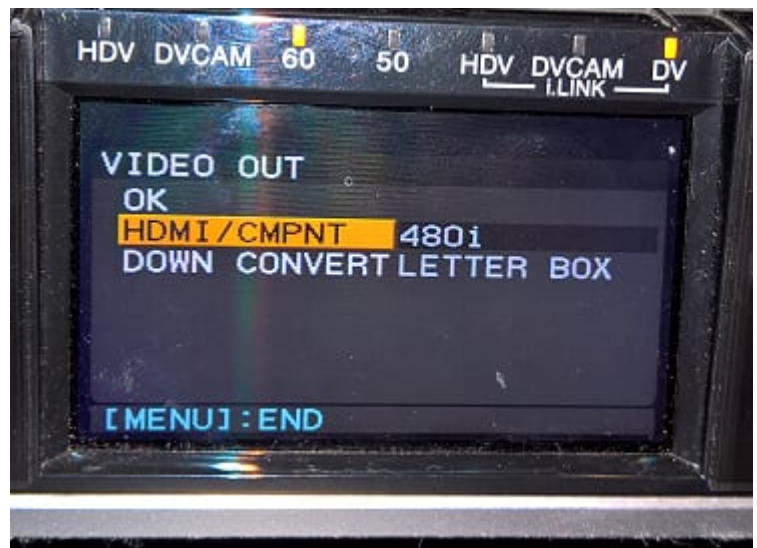
Make sure HDV/DV is set to DV



Click on Video Out



Set to HDMI / CMPT to 480i



Audio Mixer make sure the Tape to mix button should be pushed to get the audio from

the DVCAM deck.



Make sure the Thunderbolt cable is connected to the computer (IMac) and the Teranex



Put the tape in the deck



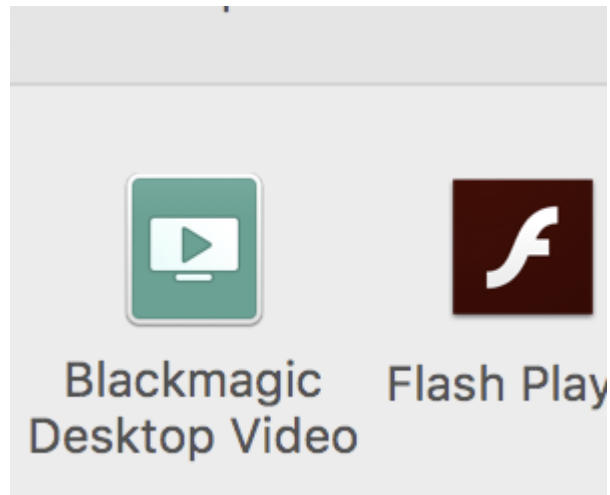
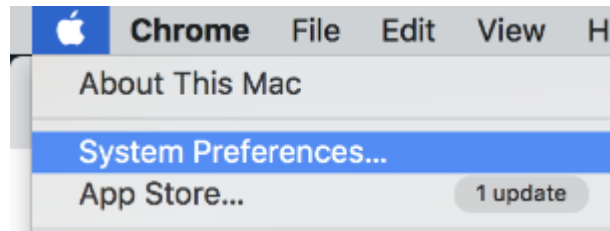
Click on PLAY make sure there is some image on the tape and play for a at least 20 seconds



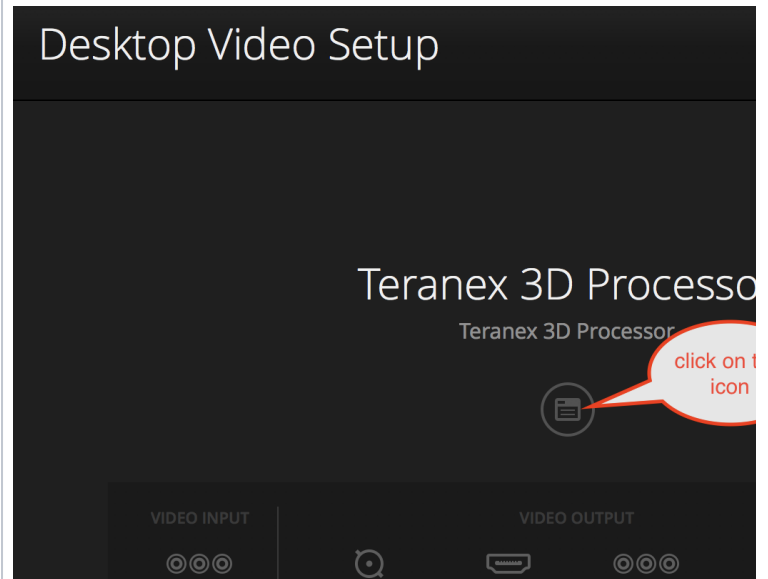
Turn on the Teranex



System Prefs >Blackmagic Desktop Video



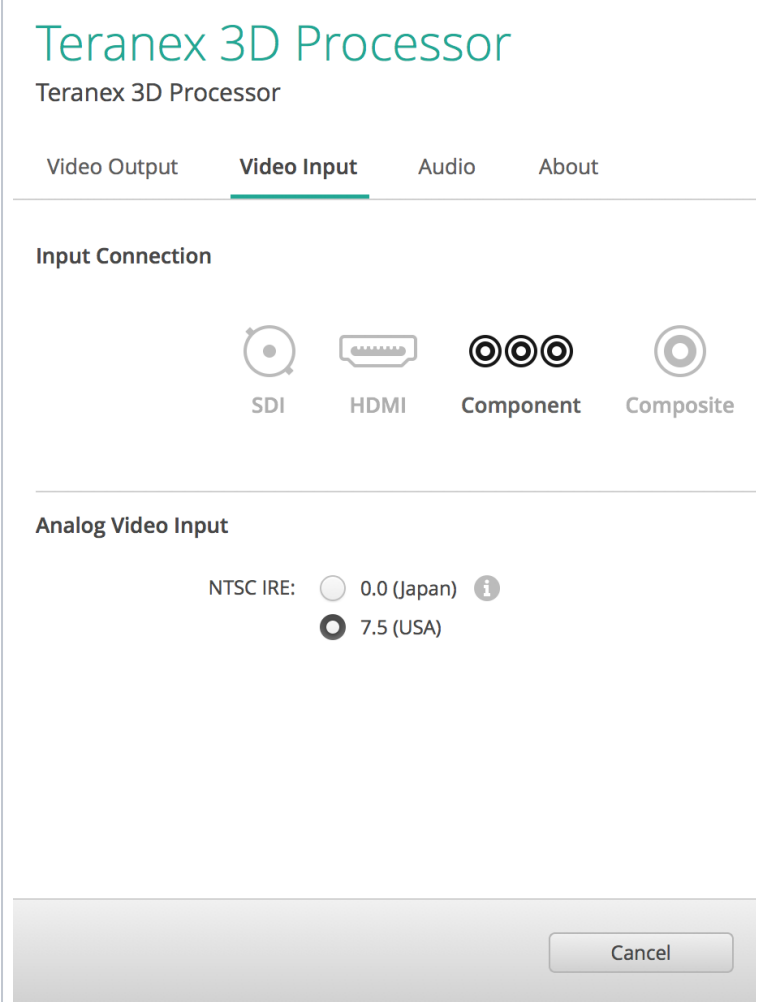
Click on the Setup Icon

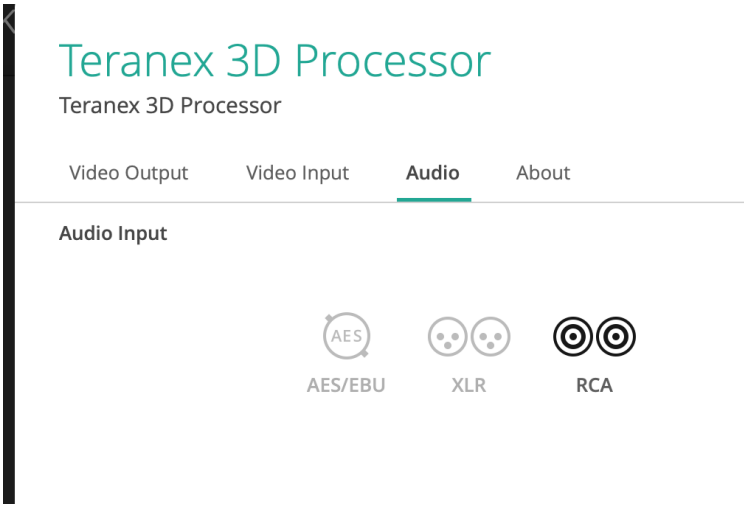
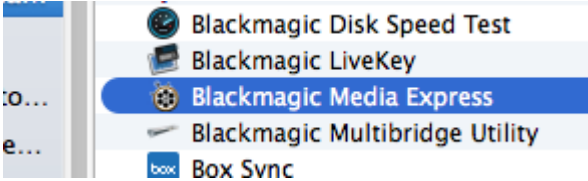
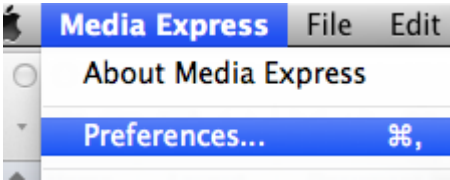
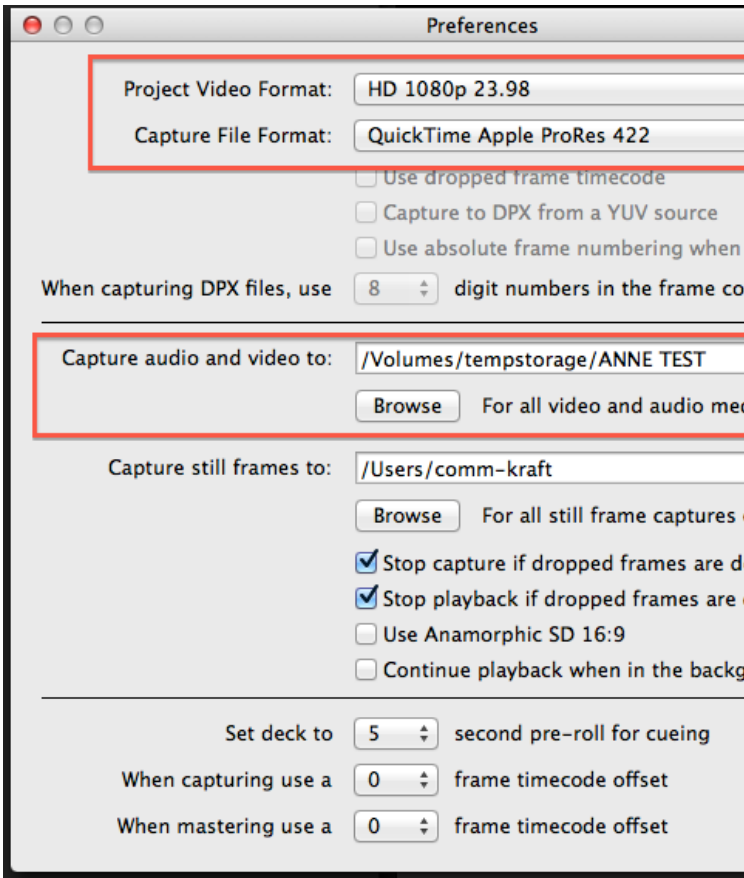


System Prefs >Blackmagic Desktop Video

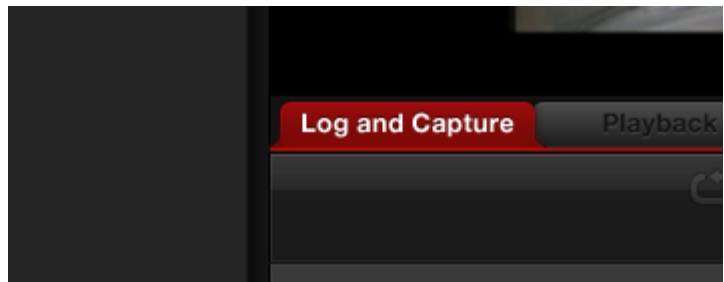
Click On Video Input

Change Video Input to Component Video



<p>Click on the Audio Tab and change the Audio to RCA</p> <p>Click on Save</p>	 The screenshot shows the 'Teranex 3D Processor' window with the 'Audio' tab selected. Under 'Audio Input', there are three options: 'AES/EBU' (represented by a circular icon with 'AES'), 'XLR' (represented by a three-pin icon), and 'RCA' (represented by a concentric circle icon). The 'RCA' option is currently selected.
<p>Open Blackmagic Media Express</p>	 The screenshot shows a Spotlight search window on a Mac. The search results list several Blackmagic software applications: 'Blackmagic Disk Speed Test', 'Blackmagic LiveKey', 'Blackmagic Media Express' (which is highlighted in blue), 'Blackmagic Multibridge Utility', and 'Box Sync'.
<p>Go to >Media Express> Preferences</p>	 The screenshot shows the 'Media Express' application window. The 'File' menu is open, and the 'Preferences...' option is highlighted in blue.
<p>Set the Video Format to HD 1080p 23.98</p> <p>Capture File Format will be ProRes 422</p> <p>Set the destination for the captured files to your HD</p>	 The screenshot shows the 'Preferences' dialog box in Media Express. Several settings are highlighted with red boxes: 1. 'Project Video Format' is set to 'HD 1080p 23.98'. 2. 'Capture File Format' is set to 'QuickTime Apple ProRes 422'. 3. 'Capture audio and video to:' is set to '/Volumes/tempstorage/ANNE TEST'. 4. 'Capture still frames to:' is set to '/Users/comm-kraft'. Other visible settings include 'When capturing DPX files, use 8 digit numbers in the frame co...', 'Use dropped frame timecode' (unchecked), 'Capture to DPX from a YUV source' (unchecked), 'Use absolute frame numbering when' (unchecked), 'Set deck to 5 second pre-roll for cueing', 'When capturing use a 0 frame timecode offset', and 'When mastering use a 0 frame timecode offset'.

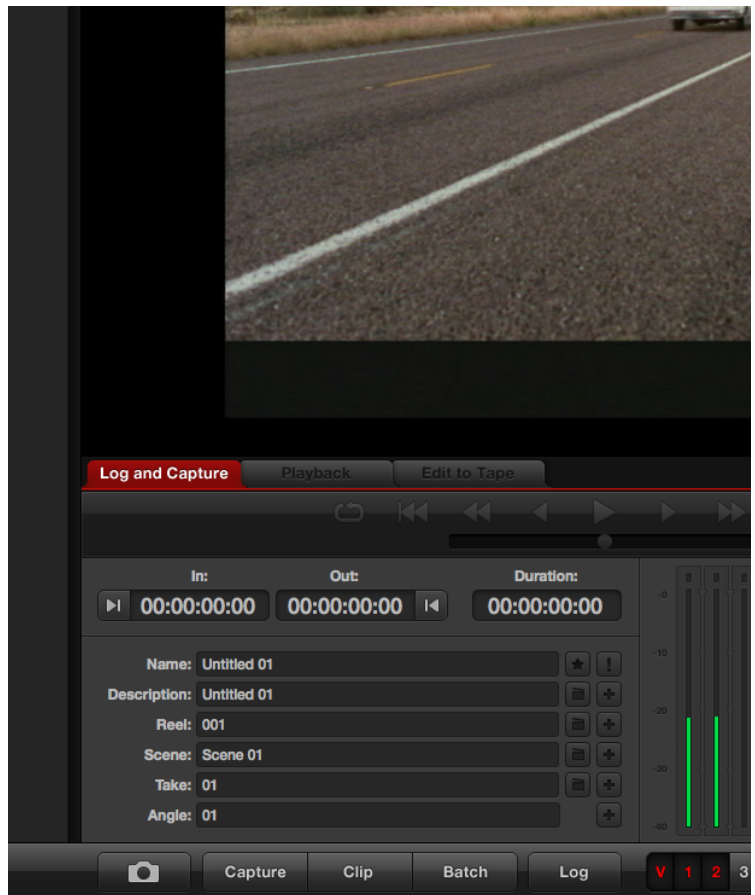
Click on the Log and Capture Tab in Media Express



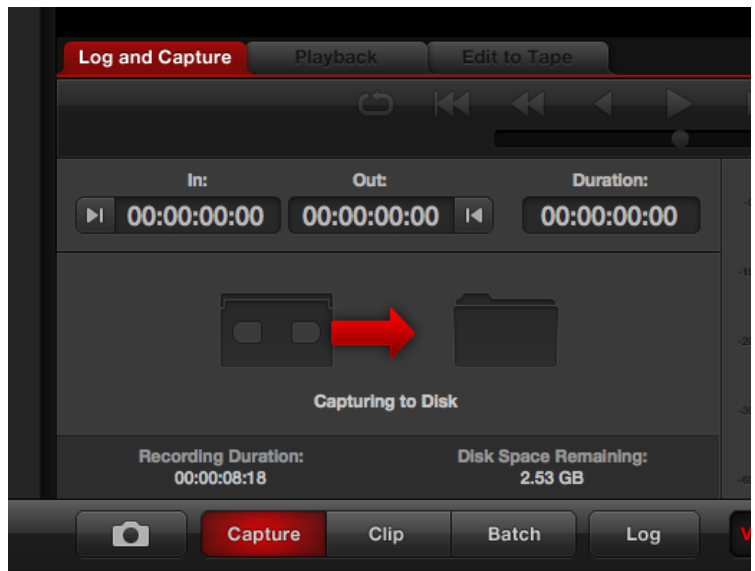
You should see audio levels

Then click on the Capture Button to start capturing.

Capture Button will turn RED



Click Capture to stop capturing



Turn off the Teranex when finished



Turn off the VTR's when finished

