RGB - Blackmagic – Teranex – How to Capture 29.97i Hi8 and Upconvert to 1080p 23.98 Frame Rate Conversion and Upconvert Standards Conversion
Make sure the S-Video output cable of the Hi8 is plugged into the S-Video input cable of the Betasdeck.
Make use of the Beta SP Deck's Video In switch to select SV-Video.
Also make sure that both the H and Beta SP decks are receiving REF.

Make sure the three component cables RG, GB,
or Y, Y-Baron corrected from the Bet Spock output to the Tremain computer input.
You are also going to have to move the audio XLR Left and Right to the correct output for the deck you want to use.
This will be part of the audio board on the desk and this will send audio into the Trance mix.
Make sure the Thunderbolt cable is connected to the computer (Mac) and the Teranex.
Put the tape in the deck.
Click on PLAY to make sure there is some image on the tape and play for at least 20 seconds.
If you want to paint, make sure the paint is good in the deck and the Terrace.
Turn on the Teranex. Wait until it boots up. If it turns off, turn it on again.
Settings for your Teranex 3D Processor

Set output: SDI & HDMI & Component
For video and audio output connections

Set input: Component Video & Analog XLR
For video and audio capture

Use video setup in NTSC:
- At 7.5 IRE for use in the USA
- At 0.0 IRE for use in Japan

- Use 4:4:4 SDI on video output when possible
- Enable Single Link
- Use 1080p not 1080PsF
- Remove field jitter when video is paused
- Use LTC Timecode input

Set default video standard as: HD 1080p 23.98
Final Cut Pro X and startup video output will use this setting

When not playing video, send: Black
To all the video outputs

Display HDMI 3D as: Side by Side

Set reference output timing:
0
Reference input not detected
Capture File Format will be ProRes 422

Set the destination for the captured files to your HD

Project Video Format: HD 1080p 23.98
Capture File Format: QuickTime Apple ProRes 422

When capturing DPX files, use 8 digit numbers in the frame count

Capture audio and video to: /Volumes/tempstorage/ANNE TEST
Browse For all video and audio media file captures

Capture still frames to: /Users/comm-kraft
Browse For all still frame captures only

Stop capture if dropped frames are detected
Stop playback if dropped frames are detected
Use Anamorphic SD 16:9
Continue playback when in the background

Set deck to 5 second pre-roll for cueing
When capturing use a 0 frame timecode offset
When mastering use a 0 frame timecode offset
Set Input or "IN"
Video – Analog or ANLG
Audio – Analog or ANLG
Format – 486
Frame – I
Rate 59.94
Aspect Letterbox
ADJ – can adjust levels and some other things

NEXT - SELECT ANLG ON THE VIDEO TAB
Make sure it is set to Analog Input > Component

NEXT - SELECT ANALOG on the Audio tab

Analog > XLR > Analog Input
Set Output OR "OUT"

Video – SDI
Audio – EMBED - Analog
Format – 1080
Frame – P
Rate 23.98
Aspect Letterbox
ADJ – can adjust levels and some other things

You should see audio levels

To name the clip, type name of clip in description and hit plus

Then the name of your clip will appear in the Name area.
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