

AVID - Kona DVCAM Digitizing

NOTE: Suites are very similar in workflow just be aware there is only one difference. Kona 2 has an "LH" version of the "AJA Kona" card and Kona 1 and 3 have the version "AJA Kona 2" card. So all settings are generally the same but there is the identifier of either "LH" or "Kona 2" on some settings otherwise not any difference in workflow.



PATCHING (generally want to patch the HD signal to Primary and SD signal to Secondary)

USING THE DIGITAL VIDEO PATCH PANEL

PATCH THE FOLLOWING:

I. PATCH DECK OUT SDI (DVCAM 1 OR DVCAM 2 SDI OUT) TO KONA 1, 2, or 3 PRIM IN THIS WILL ROUTE BOTH AUDIO AND VIDEO SIGNAL

ON THE MACHINE CONTROL PATCH PANEL

PATCH THE FOLLOWING:

II. PATCH MACHINE CONTROL DVCAM 1 OR 2 TO KONA 1,2 or 3 III. PUT DVCAM 1 OR 2 DECK IN REMOTE

1. In Kona suite open the Kona Control Panel from the icon in the dock 2. Click on "Formats" and change "Primary" (native) format to 525i 29.97 for digitizing from the DVCAM deck. Change the "Secondary" (converted) to 1080i29.97. Change the "Conversion" setting to "Up = Pillarbox 4 x 3"

NOTE: In Kona #2 keep the secondary as 525i 29.97 the LHe doesn't do upconverts.

The screenshot shows the KONA 2 Control Panel interface. The 'Formats' tab is active, showing 'Primary (Native) Format' set to '525i29.97' and 'Secondary (Converted) Format' set to '1080i29.97'. The 'Conversion' dropdown is set to 'Up: Pillarbox 4x3'. The 'Digital Video Output' tab is also visible, showing 'SDI Output 1' with 'Primary 525i29.97' selected.

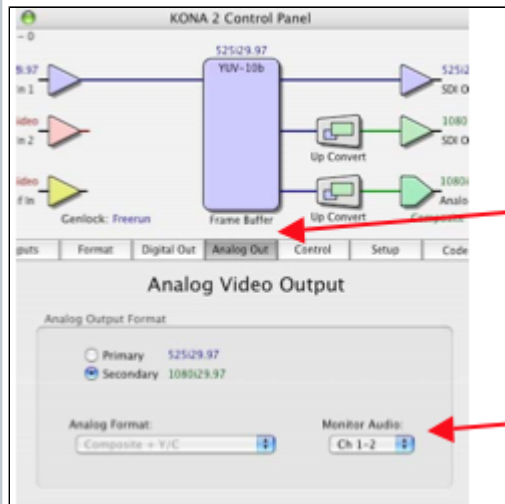
3. Click on the "Inputs" tab and select video input SDI 1 should read 525i29.97 and Audio set to Embedded ch 1-8

The screenshot shows the KONA 2 Control Panel interface with the 'Inputs' tab selected. Under 'Video Input', 'SDI 1 525i29.97' is selected. Under 'Audio Input', 'Input Select' is set to 'Embedded Ch 1-8'.

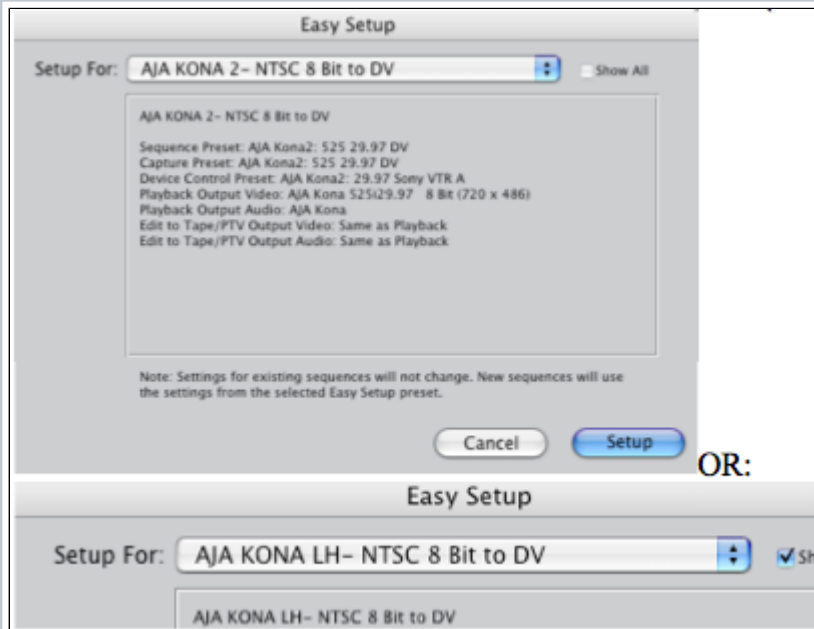
4. Click on Digital Out tab and set SDI output 1 Primary as 525i29.97

The screenshot shows the KONA 2 Control Panel interface with the 'Digital Out' tab selected. Under 'SDI Output 1', 'Primary 525i29.97' is selected.

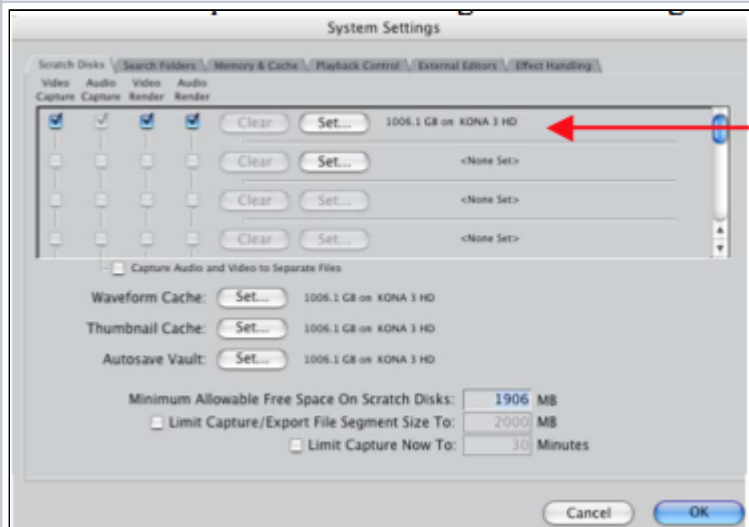
5. Click on the "Analog Out" Set Monitor Audio: to Ch 1-2



6. Launch Final Cut Pro (icon located in the dock) 7. Close any projects that are open and make a new FCP project 8. Change the Easy Setup to set FCP settings for capturing DV footage. Susanne. kraft@austin.utexas.edu Page 3 2/4/08 Digitizing DVCAM into Kona Suites Go to >Final Cut Pro>Easy Setup>set it to AJA Kona 2 (orLH)-NTSC 8Bit to DV



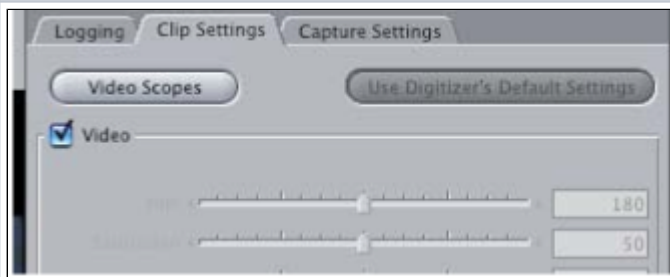
9. Set the "Scratch Disk" to the KONA 1,2 or 3 HD or Drive in >Final Cut Pro >System Settings. Click OK Don't digitize to your own Fire Wire Drive it is better to capture to local storage or fiber storage and then move the files.



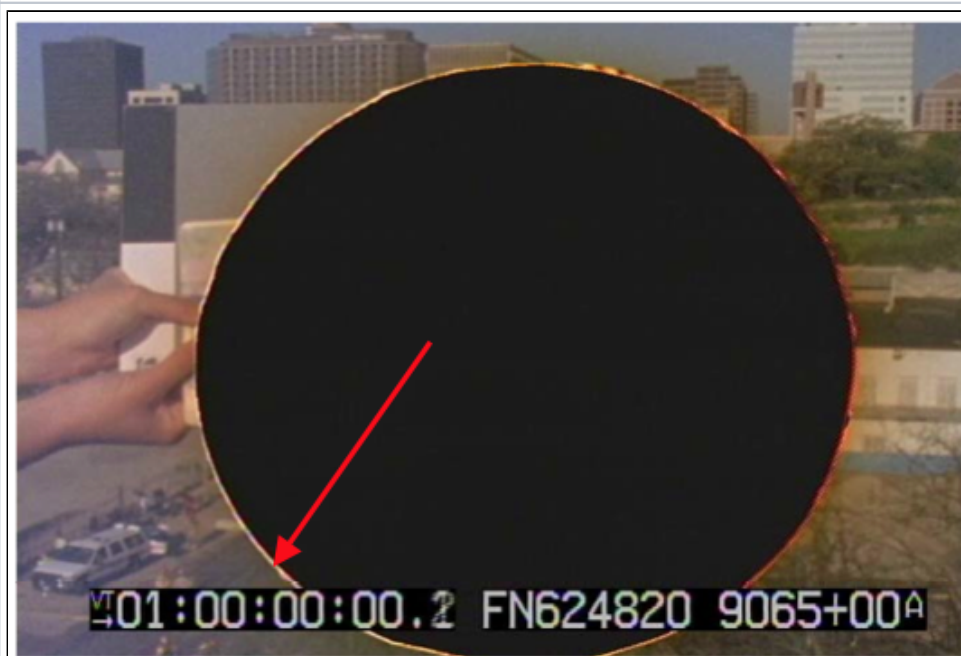
10. Save the project in the Final Cut Projects folder located on the Mac desktop.
 11. Open up Log and Capture tools "apple 8" and begin logging the reels of film for capture.



12. Change the reel name, Description, Notes etc. for each reel



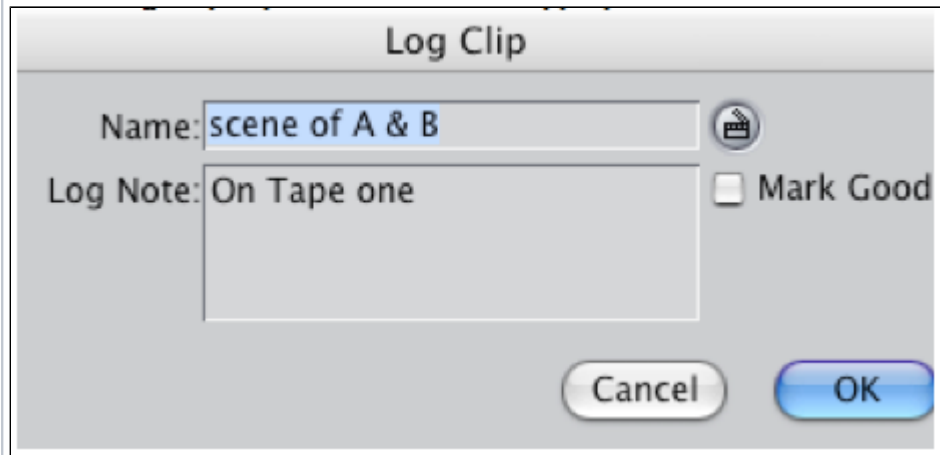
Change the Clip settings to only include Video (unless the film was synced at the transfer house)



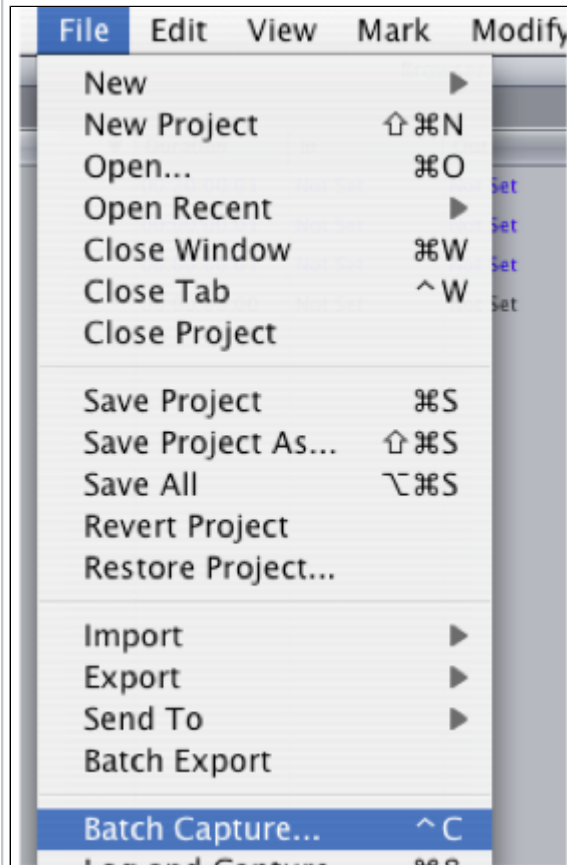
13. To properly log footage transferred from film go the first hole punch and mark an "IN" point then shuttle to the end of the film reel on the tape and mark an "OUT" point. NOTE: THE HOLE PUNCH IN POINT IS ALMOST ALWAYS ON AN "HOUR" OF TIMECODE (EX: REEL 1 HOLE PUNCH IS 1:00:00:00 REEL 2 PUNCH IS 2:00:00:00 AND SO ON)



14. When Log Clip is pressed enter in the appropriate info:



15. When all the reels are logged select them all in the bin and batch capture the footage >File > Batch Capture



Choose "Use Logged Clip Settings" and no handles
make sure the capture preset is set to AJA Kona 2
(or LH) 29.97 DV and click OK to start capture

Batch Capture

Capture: All Selected Items

Options: Use Logged Clip Settings

Add Handles: 00:00:02:00

Capture Preset: AJA Kona2: 525 29.97 DV

Using AJA Kona 8-bit Digitizer for video input
525i29.97 (720x486) using NTSC
29.97 frames per second
DV/DVCPRO - NTSC at Best quality.
24 bits per pixel
720 by 480
Using AJA Kona for audio input
Input: AJA Kona
Speaker: off
Volume: 100, Gain: 100
Using logged clip settings for picture, gain, and
media to be captured.

Media Time: 00:20:00:03

Disk Space: 4.1 GB needed / 1006.1 GB available

Cancel OK

Batch Capture

Capture: All Selected Items

Options: Use Logged Clip Settings

Add Handles: 00:00:00:00

Capture Preset: AJA Kona LH: 525 29.97 DV

Using AJA Kona 8-bit Digitizer for video input
525i29.97 (720x486) using NTSC
29.97 frames per second
DV/DVCPRO - NTSC at Best quality.
24 bits per pixel
720 by 480
Using AJA Kona for audio input
Input: Default
Format: 48.000 kHz 24-bit 8-chan
Speaker: off
Volume: 100, Gain: 100
Using logged clip settings for picture, gain, and
media to be captured.