MINI DV FILE MANAGEMENT

THE NEW SCHOOL

Project Settings: Launch Final Cut Pro and define your project settings. In the Final Cut Pro menu, select *Audio and Video Settings*. Lab default settings: DV NTSC 48kHz (16 bit audio) for an optimal quality DV workflow from start to finish. **Media Files**: Save your files in *Work in Progress* or your external hard drive. Under *Log and Capture*, double click *Scratch Disks* and if necessary reset it to *Work in Progress* or to your external hard drive. Make a master folder, to save your project files, project settings, clips and render files within this folder. Always backup your project files.

SETUP FOR DV DECK INPUT & OUTPUT

INPUT FOOTAGE FROM DV DECK

- Using a DV deck: Power on the rack and make sure the DV deck is on. To monitor your audio and video from the DV deck, turn on the monitor above the deck and plug your headphones into the deck.
 Using a DV camera: Hook it up to the front port in your station using your own Firewire or USB cable.
- 2. Launch Final Cut Pro software and open your project.

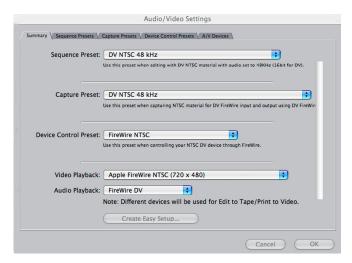


Figure 1: DV Input/Output Settings



Figure 2: Log and Capture (DV)

- 3. In the Final Cut Pro menu, click on the Audio Video Settings tab to confirm Input/Output settings (Figure 1). Sequence Preset = DV NTSC 48kHz; Capture Preset = DV NTSC 48kHz; Video Playback = Apple Firewire NTSC (720X480); Audio Playback = Firewire DV. You can also save your project settings by clicking Create Easy Set Up.
- 4. To capture DV: In a Browser window, create a Bin. File > New > Bin. In the File menu, click on Log and Capture (Figure 2). In the Log and Capture window, define your clip setting and capture settings. Make sure Scratch Disks are set to Work in Progress or your external drive. Check deck communication: VTR OK.
- 5. Play your tape and click on Capture Now.

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Automatically Start Recording	Cancel OK

Figure 3: Print to Video

OUTPUT FOOTAGE TO DV DECK

 Using Print to Video: Go to File > Print to Video (Figure 3).

The following message will show on the desktop: "*Ready for playback, start video recorder and click OK to begin.*" On your DV deck hold down *Record* button and press *Play*. On your station, click *OK* to start playing your sequence. To finish recording, press *Stop* on the deck.

2. To hear audio playback with headphones connected to computer, select *Audio Playback = Built-in*.

HD FILE MANAGEMENT

Project Settings: Launch Final Cut Pro and choose your Setup.

Format: Apple Pro Res 422 OR Apple Intermediate Codec

Rate: All

Primary Scratch Disk: Work in Progress

In the *Final Cut Pro* menu, select *Audio and Video Settings.* Adjust your settings according to your clips settings. (Resolution and frame rate must match). See figure 1.

Media Files: Save your files in *Work in Progress* or your firewire hard drive. Make a master folder to save your project files, project settings, clips, and to render files within this folder. **Always backup your project files.**

	Audio/Video Settings
ummary V Sequence Presets V	Capture Presets Device Control Presets A/V Devices
	Apple ProRes 422 (LT) 960x720 24p 48 kHz Use this preset when editing with Apple ProRes 422 (LT) 960x720p 23.98 fps material with audic t to 48 kHz.
Capture Preset:	HDV-Apple ProRes 422 Use this preset to capture from an HDV device and transcode to Apple ProRes 422.
Device Control Preset:	Non-Controllable Device
Video Playback:	None
Audio Playback:	Default Note: Different devices will be used for Edit to Tape/Print to Video. Create Easy Setup
	Cancel OK

Figure 1: HD Input/Output Settings

SETUP FOR HD INPUT & OUTPUT

Transfer footage from a SD card:

- 1. Insert the SD card into the SD card reader on the DV deck. The card should launch on the desktop like any other hard drive under the title "No Name".
- 2. Launch Final Cut Pro software, create a new project and save it to the Works in Progress drive or to your firewire drive.
- 3. In the Final Cut Pro menu, click on *Audio Video Settings* tab to confirm **HD configuration** (Figure 1) **Sequence Preset** = Apple Pro Res 422 or Apple Intermediate Codec, 1080i60, or 1080i50, or 720p24, depending on your footage settings

Capture Preset = Apple Pro Res 422 or HDV-Apple Intermediate Codec Device Control Preset = Non-controllable Device Video Playback = None; Audio Playback = Default.

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- 4. To transfer SD files: In a Browser window, create a Bin. *File > New > Bin*. In the File menu, click on *Log and Transfer*. In the *Log and Transfer* window (Figure 2), define your clip setting and capture settings. Make sure scratch disks are set to *Work in Progress* or your firewire drive.
- 5. Your recorded clips will appear in the *Log and Transfer* window. Drag each clip to the window, "Drag Media Here", or click on one to highlight it, and then click on *Add Selection to Queue or Add Clip to Queue.* You may define In/Out points if you wish. The footage will begin transferring and appear in the box below. Once it is finished transferring, it will appear in the bin you defined in the previous step.

Figure 2: Log and Transfer