

## SMART GUIDE: Using the Roland 026 for recording dual system sound

The tiny mic on most DSLR cameras do not record very good audio and sometimes the sound of data being written to the card will also be recorded on the movie file. To enable us to have better sound and to allow us to use a variety to microphones, we will record our audio with the Roland 026 recorder. We will then sync up the audio files and the video files using Final Cut Pro.

### SETTING UP THE ROLAND 026 AUDIO RECORDER



- Put in 4 AA batteries ( or use the AC adapter ) and an SD card
- turn on the recorder
- Press the Menu button to show the touch screen menu
  - set the date and time and format the SD card
- Press the Rec Setup button to configure your microphones
  - Rec Mode: 2 channels
  - Rec Source
    - Internal - use the built in mic to record room tone and ambient sound
    - Analog - use this setup if you are plugging in one or two microphone in the Analog inputs located on the bottom of the recorder
  - set the Sample Rate to 48kHz and the Rec Format to Wav 24-bit

### SETTING THE RECORDING LEVELS - aim for an average peaking between -12 and -6 dB

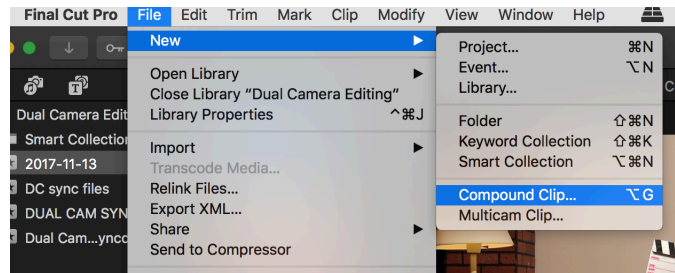
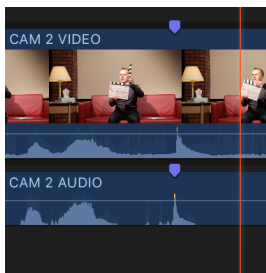
- Plug in a microphone into Input 1 ( if using Analog inputs )
- Press the REC button. It will flash as it goes into Preview mode
- Start by turn the Input 1 knob to the notch, speak into the mic in a normal voice.
- Press the SENS button to increase the sensitivity of the input
- Press REC again when you are happy with the levels to start recording.
- Slate each take verbally so you will be able to match the video and audio files.
  - say the date, location, scene or shot #, the action then clap your hands

# SYNCHRONIZING CLIPS IN FINAL CUT PRO X

## 1. SYNCING YOUR AUDIO AND VIDEO FILES *AUTOMATICALLY*

- You must do this **before** editing
- choose the 2 files ( 1 audio, 1 video ) to sync up ( CMD-click to do multiple selections )
- Go to Clip > Synchronize clips
  - use audio for synchronization
  - Disable audio components on AV clips - this will mute the camera audio
  - use the name suggested, or choose your own name.
- Play the new synchronized clip to make sure it worked

## 2. SYNCING YOUR AUDIO AND VIDEO FILES *MANUALLY*



- You can do this **before or during** the editing process
- Drag the video file to the timeline, find the clap and place a marker by pressing M .
- Drag the audio file underneath the video file, find the sound of the hand clap and place a marker -
- line up the 2 markers, then play the 2 tracks - you may have to make some adjustments to the audio file. When the tracks work together, Silence the audio track of the video file by reducing the volume line all the way to the bottom of the track with the mouse
- When the 2 files are synced up, Select both tracks and go to: File > New > Compound Clip
- Rename this clip by adding the Slate name after *Manual Synced*
- Save it in the SYNCED CLIPS folder.
  - the 2 clips will be replaced by the new compound clip on the timeline. You can edit this clip just like a regular clip.

