

DVCAM Editor “Edit D” (DSR 1800 & DSR 2000) Edit Procedures w/ Pics

8th floor Tower (Rev 03/14/05 DJM)

<http://www.uwplatt.edu/~meinhard/dvcamedit.pdf>

PRE - EDITING

Power Up:

- 2 – Monitors
- Computer Speakers
- CD Player / Minidisc Player

- “Event Speaker” Amp
- Panasonic Routing Switcher
- Source Deck (DSR 1800)
- Record Deck (DSR 2000)



Select Input on the RECORD Video Monitor



- **Super**-Superimposes the counter/time code on the screen. This will also indicate whether the Recorder or the Player is selected and display the respective counter/time code
- **Composite** – Does not superimpose information on the screen

Calibrate Video Monitors

- See BLUE Monitor Calibration Sheet

Calibrate Time Base Corrector

- See BLUE TBC Setup Sheet (Not in Preset)
- OR**
- Have TBC Controls in PRESET



A NOTE ABOUT THE AUDIO BOARD AND SPEAKERS

- The Audio Board Left and Right Main Mix Feeds Channels 1 & 2 of the Record Deck (DSR 2000) (**We do NOT use Channel 3 & 4**)
- Check the “Pan” for center, right or left of the channels you wish to use
- To Monitor the **AUDIO OUTPUT OF THE AUDIO BOARD**, use the “Gateway Speakers / Headphones Volume pot on the Right Side of the Audio Board
- To Monitor the **AUDIO OUTPUT OF THE RECORD DECK** (DSR 2000) (Use this most of the Time) Use the Left and Right Volume pots on the “Event Speakers” Audio Amp. You will hear the output of the Record Deck through the Big “Event” Speakers



NOTE- 100% on the Analog Audio Board Meters is the Same as -20 on the Digital VCR Meters (Allows for headroom to avoid Distortion)

- Remember if you are recording audio onto a tape you must have a video signal for making control track. Use Black from the Panasonic Switcher (Record Deck Input must be “COMPOSITE”)
- If you are going to Edit From an External Audio / Video Source You will need to use a “Dummy” tape (Needs control Track) to be able to set an IN point on the edit Controller

A NOTE ABOUT CONTROLLING THE VCRS

To Control the VCRs using the EDIT CONTROLLER

- **Player – Remote Button Must be ON (Lit)**
– 9 Pin Button Must be ON (Lit)
- **Recorder – Remote Button Must be OFF**

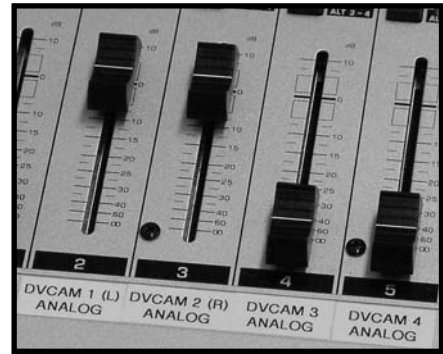


The Player May be controlled on the Deck itself if the Remote Button is OFF

The Recorder can NOT be Controlled on the Deck itself

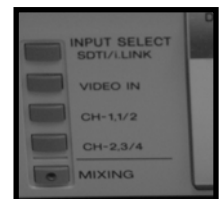
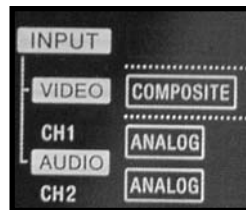
Set Audio Levels on Recorder (DSR 2000)

- Recorder – Press RECORD (Must have a Record Tab in Tape – **Or Eject tape**)
- Source – Play Bars and Tone Tape
- Pot up DVCAM Left and Right Channels on Audio Board for 100 %
- Recorder – Pull out Channel 1 & Channel 2 Rec (Record) Knobs (for Variable)
- Recorder – Adjust Audio Rec Levels to –20
*NOTE WE ONLY RECORD ON CHANNELS 1 & 2
- Recorder – Playback the Tone you just recorded on the recorder and Adjust Audio Playback Levels to –20 *NOTE WE ONLY PLAY BACK ON CHANNELS 1 & 2



To Black a TAPE

- Bulk Erase the Tape
- Recorder - Load Tape (with record Tab)
- Source Deck Switches (Behind Left Door)
Video IN – Composite
Audio IN– Analog
- Record Deck Switches
Video IN – **Composite**
Audio IN– Analog
- Panasonic Routing Switcher Selection
INPUT 1 = **BLACK**
- Edit Controller – Select Recorder
– Press Record and Play to Black tape



TO EDIT from Deck to Deck

Pot Up Desired Source on Audio Board

(See Above sections on Audio Board and Setting Levels)

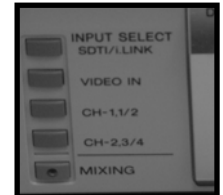
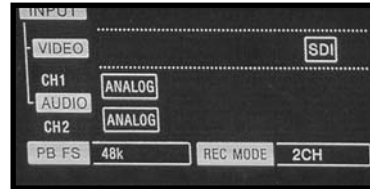
- Source Deck Switches (Behind Left Door)

Video IN – Composite
Audio IN– Analog



- Record Deck Switches

Video IN – **SDI**
Audio IN– Analog



- Panasonic Routing Switcher Selection

INPUT 1 = **BLACK** (needed for sync reference)

A NOTE ABOUT THE EDIT CONTROLLER

The Controller only has 1 shuttle knob, and this controls **BOTH** the **PLAYER** (Source Deck – DSR 1800) **AND** the **RECORDER** (DSR-2000)

To choose which deck will be controlled depress either the **Player** or **Recorder** Button next to the shuttle knob.

Pressing one of the 2 buttons will also let the controller know which machine is selected when using **In points, Out Points, Trim, Etc**



****When the Player Button is selected on the Edit Controller, The Counter / Time Code information will be displayed on BOTH the Player Machines Display and The Recorder Machines Display (on the decks themselves)**

Select Edit Mode

Controller – Select Edit Mode (May only be selected when Recorder button is depressed on the Controller)

INSERT – (Record Tape must be Blacked) (Have Control Track)

Choose any combination of:

Video

Audio 1

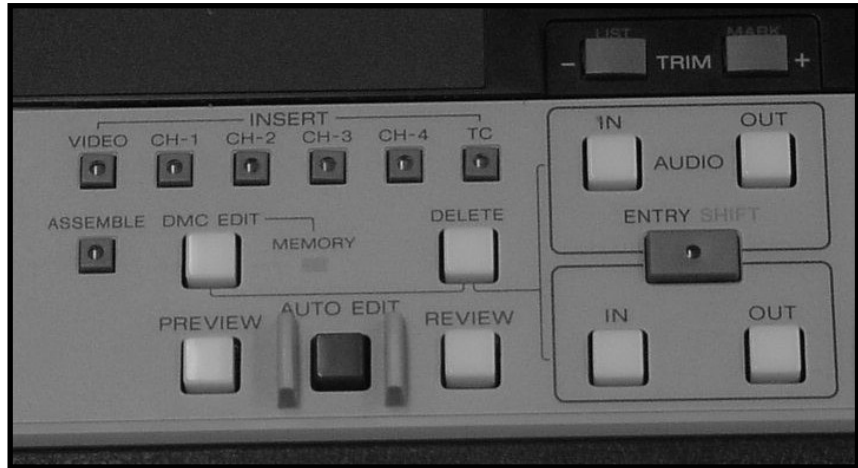
Audio 2

*****Audio 3

*****Audio 4

TC (Time Code)

***We do NOT use Audio 3 or Audio 4 in our Studios at this time



ASSEMBLE –

(Control Track, Video, Audio1, Audio 2, Audio 3, Audio 4, TC (Time Code) all recorded together).

The Program must be assembled in order, as there will be a “Glitch” at the end of the last edit. **It is Recommended that you Insert Edit whenever possible.**

Place Tapes in Machines

Source Deck – Load Source Tape -Check Time base corrector setting –
(See Calibrating Time Base Corrector in the section above)

Record Deck – Load Record Tape with Record Tab

Set IN Points (Resetting the counters will lose the in points, as will selecting DELETE)

Record Deck

- Select **Recorder** (Next to Shuttle Knob)
- Cue Record tape to desired **IN POINT**
- Controller – Press IN & Entry for recorder
Note Audio IN and OUT are only for setting audio points when they are Different from video points

Source Deck

- Select **Player** (Next to Shuttle Knob)
- Cue Source tape to desired **IN POINT**
- Controller – Press IN & Entry for Source
Note Audio IN and OUT are only for setting audio points when they are Different from video points



Set OUT Point (Only one, either on Recorder or Source) (Resetting the counters OR selecting DELETE will lose the Out points) *** Note it is not necessary to set an out Point**

- Select **Either Player or Recorder** (Next to Shuttle Knob)
- Cue either the Record or the Source tape to desired out point
- Controller – Press OUT & Entry for either the Record or Source tape
Note Audio IN and Out are only for setting audio points when they are Different from video points

A word about In and Out Points-

To See the Time of an IN or OUT Point

- Controller – Select **Either Player or Recorder** (Next to Shuttle Knob)
- Hold Down Either IN or Out (NOT ENTRY) and the time will temporarily be displayed on the counter. Current tape position will be restored on the counter when the button is released.

To TRIM an IN or an OUT POINT

- Controller – Select **Either Player or Recorder** (Next to Shuttle Knob)
- Hold Down Either IN or Out (NOT ENTRY) while pressing the + or - key. *Each press of the + key will ADD ONE FRAME to the Point, while Each press of the – key will SUBTRACT ONE FRAME to the point.* The Counter will reflect the changes in points.



Preview Edit if Desired (Note – Each Preview will cause the machines to slip a few frames)

- Controller – Press **Preview** Button

To Perform the Edit

- Controller – Press the red **AUTO EDIT** Button
- Both Machines will cue up, pre-roll and execute the edit

To Set the Out Point Manually

- Controller – While the edit is rolling Press the **STOP** Button

To Replay the Edit

- Controller – Press the **REVIEW** Button
- Check for “Flash Frames”

Edit the following on the tape (Remember you need 5 seconds of Pre-Roll)

:30 Bars and Tone

- See the instructions above: **TO EDIT from Deck to Deck**

:15 Slate (Include: title, date, TRT, producer, director, editor, talent, out cue)

- Compose a Slate Page on the Laird CG (See Laird Guide for Details)
- Leave Bars and Tone tape in as a “Dummy Tape” (Make certain you have enough control track)
- Recorder - Load Tape (with record Tab)

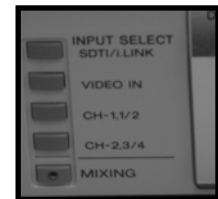
- Source Deck Switches(Behind Left Door)

Video IN – Composite
Audio IN– Analog



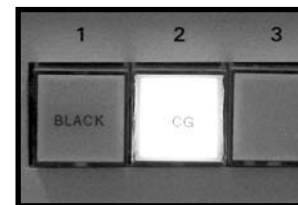
- Record Deck Switches

Video IN – **Composite**
Audio IN– Analog



- Panasonic Routing Switcher Selection

INPUT 2 = CG



Countdown (Starting at 10 Seconds- going to Black at 2)

- See the instructions above: **TO EDIT from Deck to Deck**

THIS DOCUMENT IS AVAILABLE IN A PDF DOWNLOAD FROM:

<http://www.uwplatt.edu/~meinhard/dvcamedit.pdf>

For more information refer to the SONY DRS-2000 VCR Manual

<http://www.sony.ca/dvcam/manuals/DSR-2000-2000P.pdf>