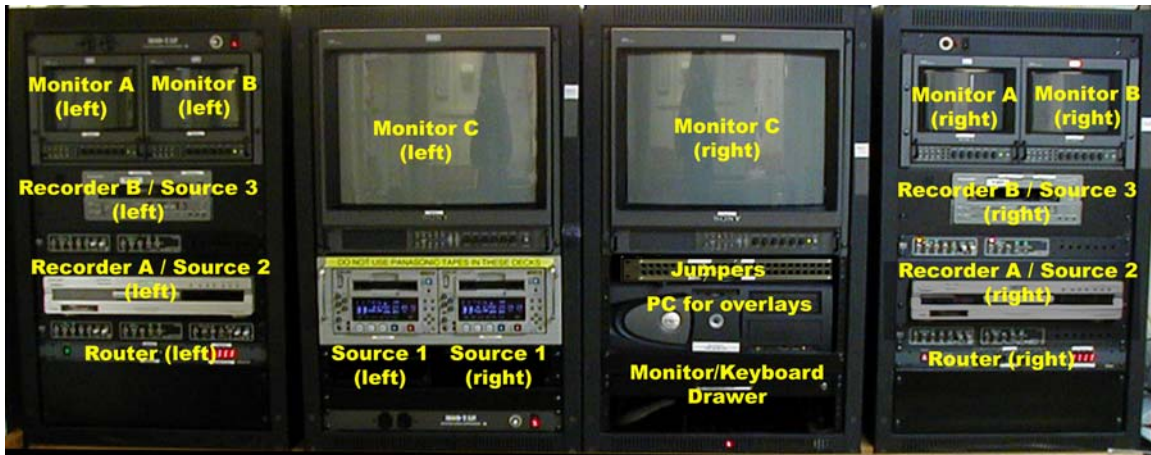


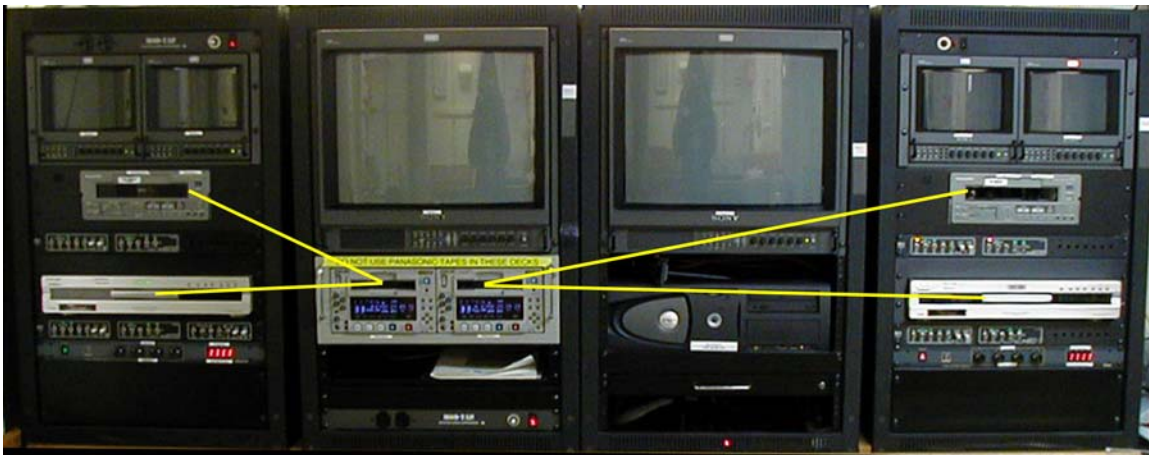
Alvin Duplication Station Capabilities:

The Basics:

1) Rack setup:



- 2) The DVD recorder on the left and VHS recorder on the left (rack #1) can record from the DVdeck on the left (Source 1; left); the DVD recorder on the right and VHS recorder on the right (rack #4) can record from the DVdeck on the right (Source 1; right)



*****Do not force the tapes into the decks! The device will pull the tape in once engaged.*****

- 3) Ensure that all 18 power switches are turned on in all 4 racks:



- 4) The duplication system can be used for a variety of tasks:
- a. Duplicate DV tape to DV tape (only from left deck to right deck)
 - i. exact reproduction
 - ii. add overlay from audio track on original tape
 - iii. add overlay from data logger
 - b. Duplicate DV tape to VHS
 - c. Duplicate DV tape to DVD
- 5) DV tapes can also be digitized into one of the Mac computers beside the duplication rack.
- a. Footage can be edited with iMovie
 - b. Footage can be edited with Final Cut Pro



*****Do not force the tapes into the decks! The device will pull the tape in once engaged.*****

Exact Duplicate: DV tape to DV tape

- 1) Insert original tape into DV deck on the left, and blank tape into DV deck on the right.

*****Do not force the tapes into the decks! The device will pull the tape in once engaged.*****



- 2) Ensure that the switch immediately below the eject button is set to Local on both decks.
- 3) Disconnect the jumpers – they should only be connected if using the system to add video overlays.



plugged

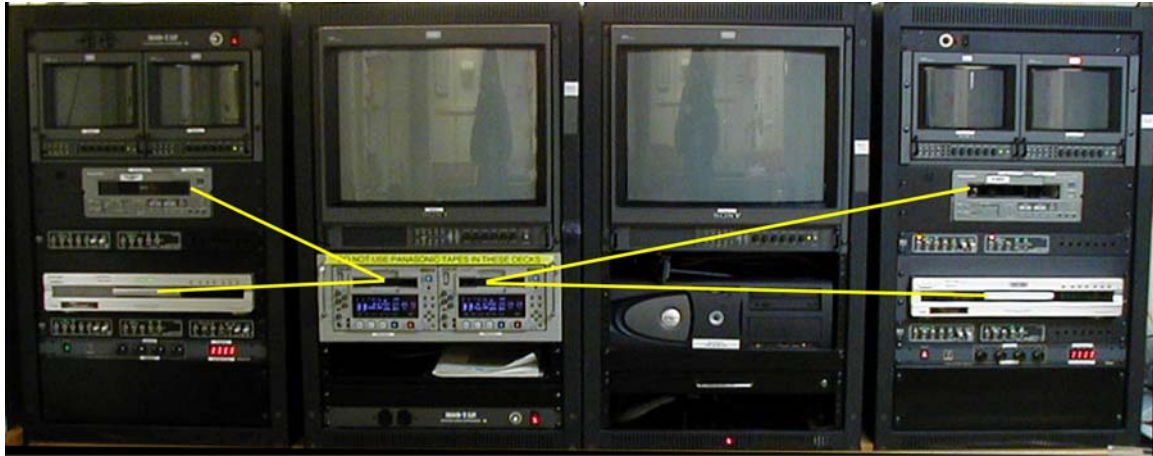


unplugged (on left side)

- 4) Ensure that both tapes are fully rewound.
- 5) Press Play on the left DV deck (original) and Play and Record on the right DV deck (blank):



Exact Duplicate: DV tape to VHS tape



Remember that the DV deck on the left outputs to the VHS deck on the left (rack 1), and the DV deck on the right outputs to VHS deck on the right (rack 4)

- 1) Ensure that all power switches are on:



- 2) Ensure that the appropriate router (left or right depending on the DV deck being used as source) is properly setup. Recorder B must be set to receive Video Source 1:



- 3) Insert blank tape into VHS deck
- 4) Insert original DV tape into appropriate DV deck
- 5) Ensure that the jumpers are disconnected:



plugged



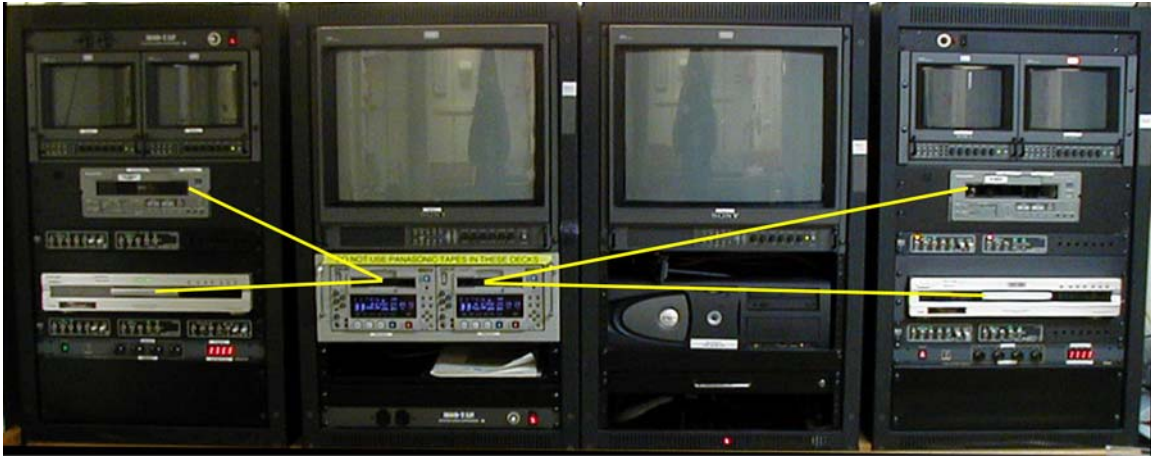
unplugged (on left side)

6) Press play on the DV deck and Record and then Play on the VHS deck



*****Do not force the tapes into the decks! The device will pull the tape in once engaged.*****

Exact Duplicate: DV deck to DVD:



Remember that the DV deck on the left outputs to the VHS burner on the left (rack 1), and the DV deck on the right outputs to DVD burner on the right (rack 4)

- 1) Ensure that all power switches are on:



- 2) Ensure that the appropriate router (left or right depending on the DV deck being used as source) is properly setup. Recorder A must be set to receive Video Source 1:



3) Ensure that the jumpers are disconnected:



plugged



unplugged (on left side)

4) Insert a blank DVD into the appropriate DVD burner, and the original DV tape into the appropriate DV deck.

5) Press play on the DV tape and only Record on the DVD burner:



*****Do not force the tapes into the decks! The device will pull the tape in once engaged.*****



6) To stop recording you must press Rec Stop on the DVD burner:



7) Finalize DVD – see DVD recorder manual (page 73) for instructions.

Basics of Video Editing with Macs

- 1) Both Mac computers beside the duplication rack are equipped with two software packages that can be used for video editing: iMovie and Final Cut Pro.
- 2) Each computer has a DV deck connected directly to it for video input.

*****Do not force the tapes into the decks! The device will pull the tape in once engaged.*****



- 3) Documentation for iMovie is in the Help window of the Mac. Ask the SSSG Tech for the Final Cut Pro Manual and Tutorials.
- 4) Save work often!
- 5) Utilize the frame grabber and notes from divers to locate times of interest on the DV tapes. Everything can be indexed to time.

iMovie:

- 1) In order for iMovie to accept DV input, the deck must have the clock set (though it does not have to be set to the correct time)
- 2) Once connected, the iMovie control buttons can be used to control the tape deck.
- 3) iMovie will export to the DV deck or the DVD player.
- 4) To export to the DVD player, you must unplug the firewire from the back of the DV deck and plug it into the front of the DVD player:



- 5) To export to DVD, settings in iMovie go to iMovieHD--Preferences--Playback and ensure that the Play DV project through to DV camera button is selected.
- 6) Finalize DVD – see DVD recorder manual (page 73) for instructions.