

DV CLONING

This handout describes two processes to “clone” a DV tape. Cloning means copying an original tape exactly and without any degradation. While normal editing in the linear suite also shows no degradation, this process is for making copies of an *entire* tape and includes audio, video and timecode information.

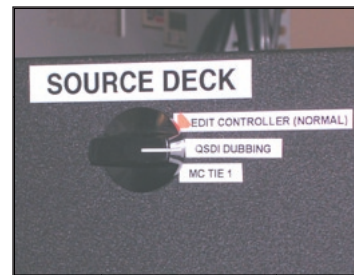
The first method only works if the source tapes were recorded in DVCAM format. It doesn't matter if they are small or large tapes though. The second method works with Mini-DV SP source tapes (small or large cassettes) but requires additional steps if timecode must be transferred as well as audio/video.

Both methods use the digital linear edit suites (L1329 and L1327C).

METHOD 1 - FOR DVCAM FORMAT SOURCE TAPES

STEP 1:

Change both rotary switches on the “Remote Control Switch Panel” (at top of rack) to **QSDI DUBBING**.

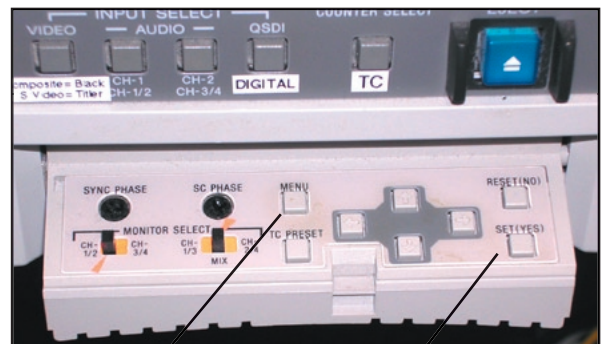


STEP 2:

Place the original tape (the one to be copied *from*) in the upper deck. Place the blank tape in the lower deck.

STEP 3:

On the lower deck (the recorder), open the small hidden panel on the front face near the bottom. Hit the **MENU** button, use the arrow keys to navigate down to **AUTO FUNCTION** then right to go to the next menu. **QSDI DUBBING** should be highlighted so use the right arrow to go to the next menu. Use the down arrow to select **AV/TC** and hit the right arrow to continue. It should show a menu saying to hit the **YES** key to start. The **YES** button is on the lower right corner of the little hidden panel. Pressing it should commence the process by first rewinding both tapes.



“MENU” BUTTON

“YES” BUTTON

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METHOD 2 - FOR MINI-DV SP FORMAT SOURCE TAPES

Use this method when your source tapes are *not* DVCAM format and you need to copy audio, video and timecode to your new tape.

STEP 1:

Make sure the recorder (the lower deck) is in QSDI input.

STEP 2:

Open the small hidden panel on the front face near the bottom of the recorder. Hit the **MENU** button. On the video monitor for the recorder, the **SETUP** line should be highlighted. Hit the right arrow to go to the next menu. The **TC MODE** line should be highlighted. Hit the right arrow to go to the next menu. Use the down arrow to navigate to **TIME CODE** then the right arrow to go to the next menu. The **TC MODE** line should be highlighted. Hit the right arrow to go to the next menu. Hit the down arrow to select **EXT REGEN** then hit the **SET(YES)** button on the lower right corner of the panel.

STEP 3:

Place the original tape (the one to be copied *from*) in the upper deck. Place the blank tape in the lower deck.

STEP 4:

On the edit controller, rewind both tapes then hit **PLAY** on the source side and **PLAY+RECORD** on the recorder side.

**MAKE SURE TO RETURN THE TIME CODE MODE TO
“INT REGEN” WHEN YOU ARE FINISHED!!**