

## PREMIERE 5.1c PRIMER

1. **Starters.** On these stations, DV tape is the only tape format you can bring in because there is only a fire wire input. (Technically, you can bring in analog source material, but I would rather not move the decks around and would like everyone to bring in timecoded material on DV.) If you have shot material on other formats, you need to transfer the material you are going to edit onto DV tape at the dub station. You can also import audio from CDs or import Premiere files over the network or via zip disk. When you dub to DV, make sure that you are recording at drop frame and try to keep continuous time code (avoid gaps which break up the numbers).

A note about DV-CAM: Most consumer DV cameras which use the mini DV tapes record at the regular mini DV speed. The Sony DSR20 decks play both mini DV and DV-CAM but do not record at regular mini DV speed which is slower. Consequently, material outputted or transferred on the DSR20 will probably not play on your consumer camera. A 60 minute mini DV tape recorded at the normal DV speed is about 60 minutes whereas a DV-CAM recording will only be about 40 minutes on the same tape. The GV-D300 decks record at normal mini DV speed and seem to be able to play back mini DVs recorded at DV-CAM speed.

2. **Disk space.** Each person is allowed to leave four to five GIGs of material on the computers (about 15 - 20 minutes at full resolution depending on the complexity of image, etc.) so plan accordingly. Please be courteous.
3. **Opening up Adobe Premiere and starting a new project** Click on the Adobe Premiere alias or if there isn't one on the desktop, find Premiere in the Applications folder which is on the HD. You should get a "new project settings" box. Check the settings. Click on load. You will get a variety of settings. Choose one of the settings and hit "OK." For DV editing, choose the "DV NTSC 48 kHz" setting. Or select another DV NTSC setting according to your choice of sample rate. See below.

32K is low quality

44.1K is CD quality

48K is highest quality and will take up the most space.

**Note:** If you would like to maintain lip synch in DV, you must make a project at a sample rate of 32K or 48K. I recommend using a 48K sample rate so that you maintain the best quality possible. If you bring in audio from CDs, you should upsample it to 48K.

Name your project folder with your **last name**. Please be neat and put all of your stuff in your folder. This way I'll be able to track you more easily. Once you have a saved project, you can drop your project onto the Premiere icon and your project will open with its related clips.

4. **Check preferences.** Click File > Preferences > General / Still Image, you can set the default duration of a still image, in case you are importing PICT files for an animation. Auto Save/Undo, you can also set levels of undos and interval of auto saves. . These are useful tools so you might want to set them to your liking. Scratch Disks/Device Control, make sure that there is FireWire DV Device 1.1 (for the G4); Device 1.0 (for the G3. Under "Scratch Disks" set the disks to the drive you will be working on. Set scratch disks to the drive you will be working on which is not the hard drive. You can also set levels of undos and interval of auto saves
5. **Capturing DV.** Click File > Capture > Movie capture. Make sure that Apple Talk is deactivated or else you might drop frames. It will ask for a reel name. This is an important identifier if you have multiple tapes so you should name and number them, eg "tape 1." You can monitor audio with headphones. Set your phone monitor levels. Unfortunately, you cannot capture video without audio. You can either capture on the fly or do a batch capture. In a batch capture, you need to make a capture list, naming your clips and then capture them through the batch function.
6. **Capturing audio from CDs.** Click File > Capture > Audio capture. Choose Audio capture > Sound input. Change source sound settings to "built-in." Change speaker to "always on." Click OK. Click on Apple icon > Apple CD Audio player. Choose audio CD track. After hitting "play," hit "record" in the Audio recorder box

till it says “stop.” Make sure yellow levels are showing. When done, hit “stop,” and a turquoise box should appear. Name and save clip. When you are done, change the settings back so that the next person is not confused when they can’t capture DV. You can also convert a file in Sound Edit.

7. **Capturing video for usage in building websites, etc.** If you are doing work on a website and are only using this station to import video so that you can make it into a file format you can work with, you can capture with one of the other settings (eg. Multimedia) and click File > Export. Designate the kind of compression and the file size you would like to use and save it onto a zip or on the desk top in order to transfer through the network.
8. **Importing files from other programs.** Since this is a Mac platform, audio files must be AIFF files. For animation, they need to be sequences of TARGA files. You can transfer files from PC through DAVE. It is loaded on all of the video stations. If it is not on the computer, let Ann know.
9. **Checking size of project.** You are welcome to use more space than your allotted 2 gigs while you are on the computer, but you need to limit what you leave on the computer. Click on your folder and click on Apple “i” for information. A box will appear telling you how many megs or gigs your project is. If you need more space, talk to Ann. We have FireWire drives that can be checked out to video classes for larger projects. Remember, if you output to DV, there should be no generation loss so you could output sequences at the end of the day and then recapture at the beginning of a new session.

#### 10. **Working in Premiere.**

A couple of reminders and quick fixes:

- A. The monitor window always has to be clear of the other windows or else it becomes sluggish and the mouse hardly works. If this happens, you can wait a few minutes until whatever you were trying to play ends or you can force quit and start over. Of course, this is not advisable if you have not saved your work recently.
  - B. The manual is always there for you to refer to.
  - C. With DV, the heads often get clogged very easily when you use different brands of tape. If you notice static or lines in your image when you are capturing or playing a tape, you should clean the heads with a DV head cleaning tape (ask Ann for one).
  - D. If you can’t open a clip or play it, and the machine keeps crashing with an Error two, shut the computer down and turn off the DV deck. Disconnect the fire wire and reconnect the fire wire on both the deck end and computer end. Restart the computer and try again. This often gets rid of any problems you might be having.
  - E. You can also throw out your preferences and relaunch the application which might help solve your problem.
12. **Exporting to tape.** After you finish editing, set the preview area over the whole sequence. If you captured at 720 x 480, you do not need to make a movie. You can export your movie by choosing File > Export > Export to Tape. However, if you brought in material as a 640 x 320 Quicktime movie or some other size with some other type of compression besides DV, you will need to make it into a movie. Click Export > Movie. Make sure your settings are the appropriate DV settings. Here are the basic settings. Check them!!

#### General settings

File type: Quicktime

Range: Entire Project (or work area)

Check “Export Video” and “Export Audio”

#### Video settings

Compressor: DV-NTSC

Frame size: 720 x 480  
Frame rate: 29.97  
Quality: 100%

Audio settings

Rate: 48 kHz  
Format: 16 Bit-Stereo  
Type: Uncompressed  
Interleave: ½ second  
Enhanced rate conversion: Best

Keyframe and Rendering Options

Optimize stills should be checked if you are using still files.  
Field settings: Lower Field First

Special Processing

Gamma 1.0  
Noise reduction: None  
Better Resize: off  
Deinterlace: off  
Cropping: off

Make a movie. This should take time because it has to render and store the project again. Then export to DV, using Export to Tape. Make sure that the DV device is enabled. If you are not getting audio on your outputted tape, check the sound settings in the control panels (click on the apple in the upper left hand corner). Make sure that sound out is set to DV.

13. **Miscellaneous.** Please sign up for time in the sign up notebook. With so many people working on the machines, we anticipate a high number of people working on the systems. Do not expect the machine to be free when you walk in. There are trouble reports for those who have problems or you can e-mail me at [akaneko@arts.ucla.edu](mailto:akaneko@arts.ucla.edu). These are both good ways of communicating problems to me. If you had a problem and were able to solve it, please let me know what your solutions were because it might help me out to problem solve for someone else in the future.