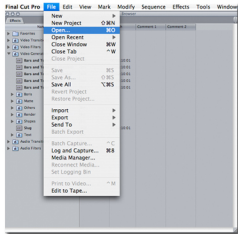


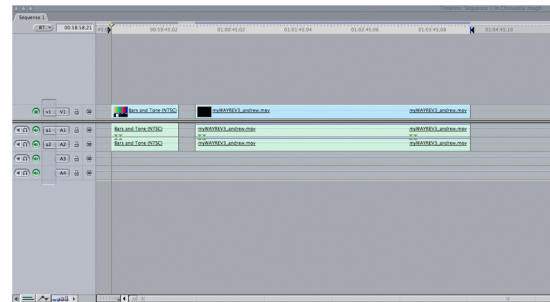
How To Export A Quicktime Movie Using DV25 Codec (DV NTSC)

DV25 (also known as DV NTSC) is one of the most widely used video codecs for miniDV, DVCAM and DVC Pro tape formats. It has a data rate of 25 Mbps and has a Color Sampling ratio of 4:1:1, which results in better color than analog formats. Before you can create a Quicktime Movie, you must have a sequence edited in Final Cut Pro. This codec can also be used in most versions of Avid. Please be sure that you are working with uncompressed media, as this will result in the highest quality finished product.

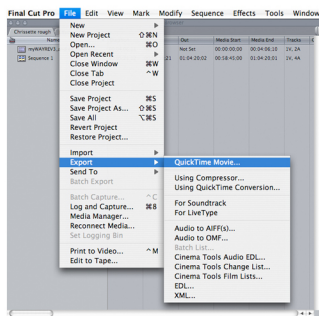
These instructions will show you how to export using the DV25 codec in Final Cut Pro 5. To order, visit www.apple.com.



Open your edited sequence in Final Cut Pro.

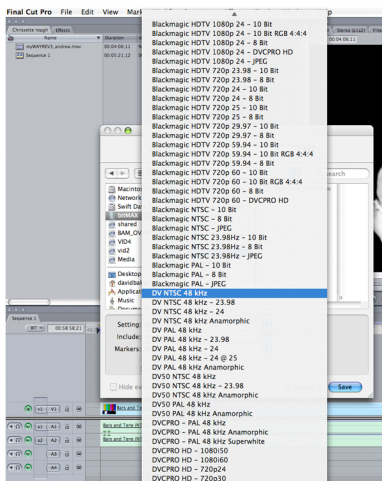
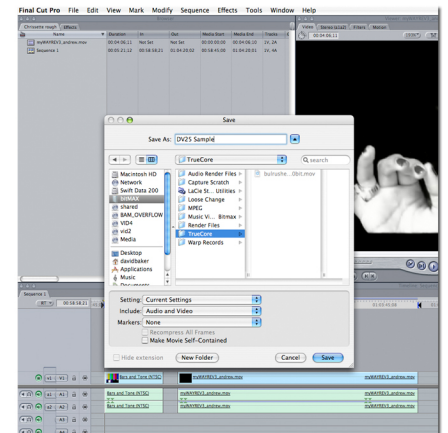


Select which part of your timeline you want to export by placing In and Out points and the beginning and end of your sequence. Any part of your timeline that is NOT highlighted will not be exported, so be sure to set your Ins and Outs correctly.

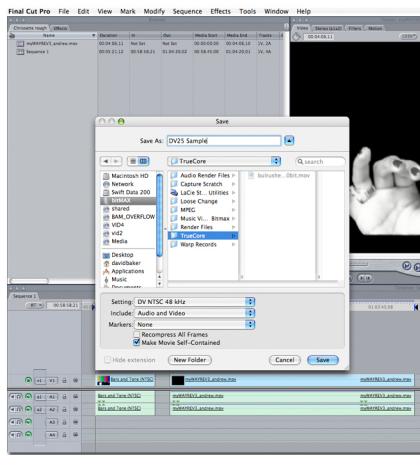


Go to File > Export > Quicktime Movie

A Save window will pop up. Type in the title of your sequence, and set where you would like the Quicktime file to be created. Be certain that you have enough hard drive space for your DV25 file. (Keep in mind the 25 Mbps data rate - 1 minute of media will be 215 MB, 1 hour results in a 13 GB file)



Under the Settings drop-down menu, choose DV NTSC 48 kHz.



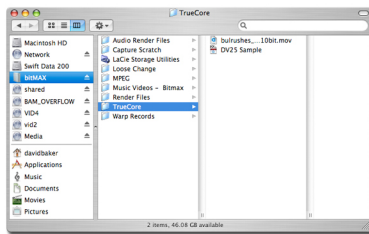
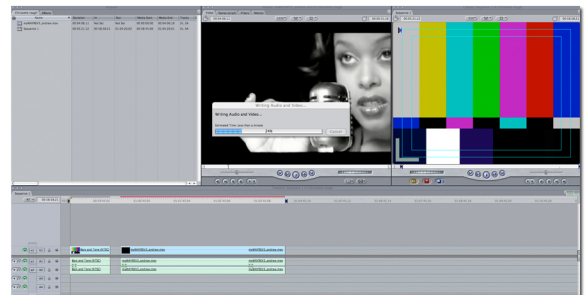
Under the Include drop-down menu, select Audio and Video.

Note: If you wish to use this Quicktime file in a DVD authoring program such as iDVD or DVD Studio Pro, click on the drop-down menu for Markers and select which type of chapter markers your authoring program requires.

Click on Make Movie Self-Contained.

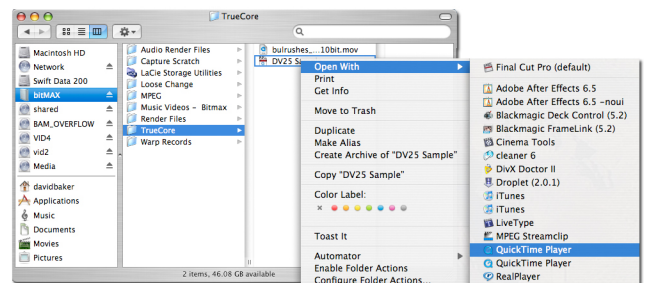
Click Save.

The export time will depend on the length of your sequence, and the pop-up export window will give you an estimated time.



When the export pop-up window disappears, then your file is completed! Use Finder to locate your Quicktime file, and watch it to make sure that the correct media was exported. By double-clicking on the file, it will open as an independent movie file in Final Cut Pro.

To view your file in Quicktime, control click (or right click) on the file, then select Open With > Quicktime Player. Be sure to watch it all the way through to ensure that the In and Out points you selected were correct.



Congratulations! Your video is now in DV25 format!
Now you can put this file on an external hard drive or a data disc and make duplications for miniDV, DVCAM and DVCPro tape formats.