

5.1 Dolby Digital (AC3) DVD Instructions

- A. In Logic Pro, do a surround bounce (File>Bounce) that will create the 6 surround files as 24-bit monaural WAV files at the 48K sample rate. Look in your Audio Window and you should see 6 files, while noting where they were saved:

Surround-L.wav
Surround-R.wav
Surround-C.wav
Surround-RL.wav
Surround-RR.wav
Surround-LFE.wav

- B. Open Compressor2. Do one of the following to import the source audio files:

- Click the "Import Surround Sound Group" button in the Batch window.
- Choose File > Import Surround Group.

The channel assignment interface opens. Click the icon for a specific channel (for example, "L") and use the Open dialog to locate the source audio file intended for that channel (in this case, "Surround-L.wav"). The file is now assigned to the "L" (Left Front) Channel. Repeat for each of the source audio files that you intend to include in the surround stream. When you have finished adding source audio files to the channel assignment interface, click OK. The group of surround files appears as a single surround source media file in the Batch window. Click the pop-up menu in the Settings column of the Batch table. Choose Audio Formats, then Dolby 5.1. Note the destination of the file in the Destination column, and click Submit. An .AC3 file will be created.

- C. Now, we must create a black slug video to link with our .AC3 file before importing into DVD Studio Pro (this step can be skipped if you plan on using another video, although that video must be converted to an .M2V file as described in the next step, "D"). Launch FCP using your most recent session. Use File->Import to import the Surround-L.wav file into your FCP session. Open a new sequence. Place your "Surround-L" audio file into the timeline on an open track lining-up with the sequence's starting point. Next, import a blank slug from the Viewer window, stretching its length to match the audio file's duration. This should put the new sound file in-sync with the video track. Delete the audio track, and export the video.
- D. Under File-> Export-> Using Compressor, click the pop-up menu in the Settings column. Select the "DVD Best Quality, 90 minutes" option using the MPEG-2 format. This will create a .M2V video file that works best in DVD Studio Pro. Note the destination of the file in the Destination column, and click Submit.

- E. Launch DVD Studio Pro 4. In the Window Labeled, "DISC" in the cell next to "Name," type in the title of your film or video like, "Title_DVD01." Under File-> Import-> add the AC3 file and the M2V into DVDSPP. These items should appear in the Assets window.
- F. Click on the blue, "Menu 1" icon in the Graphical" window and press the delete key. Drag the file with your file with a "____.m2v" suffix, the MPG2 movie, onto into the green "Track 1" icon in the Graphical View window. Drag your .AC3 file on top of the Track 1 movie icon. This creates the image/sound bundle for your show.
- G. Click on the gray area of the main work area to see the "Disc" window again. Under "First Play" select "Tracks and Stories," and then Track 1. This will play our surround 5.1 mix once the DVD is loaded in the DVD player.
- H. To set the playback of your DVD as a loop, click the Track 1 icon to set the Property Inspector to display "Track 1" at the top. Under "End Set,": select "Tracks and Stories" and Track 1. This will make the DVD play our DVD in a loop until you press STOP on the DVD player.
- I. Click Burn (looks like a hazard icon), insert a blank DVD, and you're set for surround playback!