# AVID - How to Make a 2K 5.1 Surround Sound QuickTime Using Your Surround Sound Mix - Use for DCP Screening
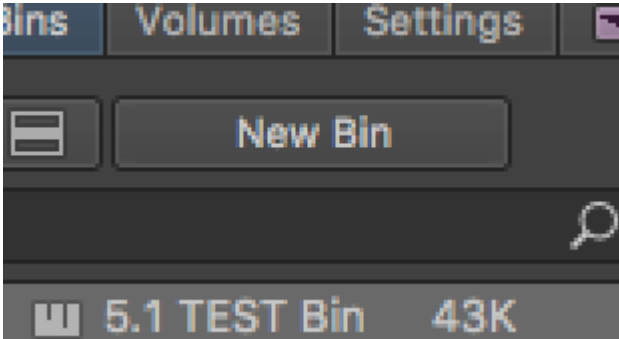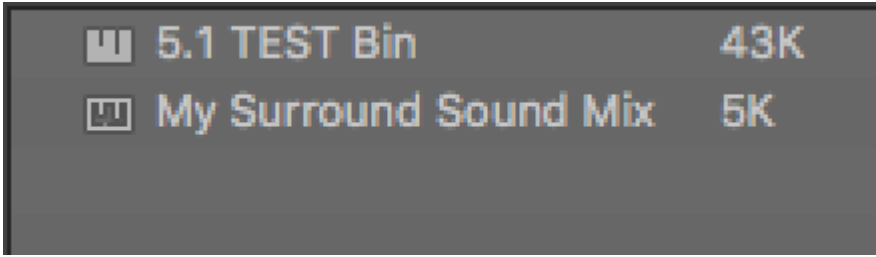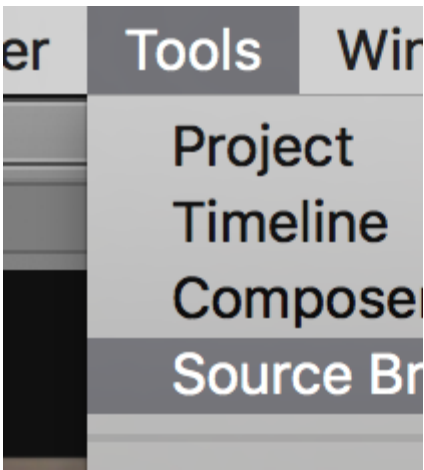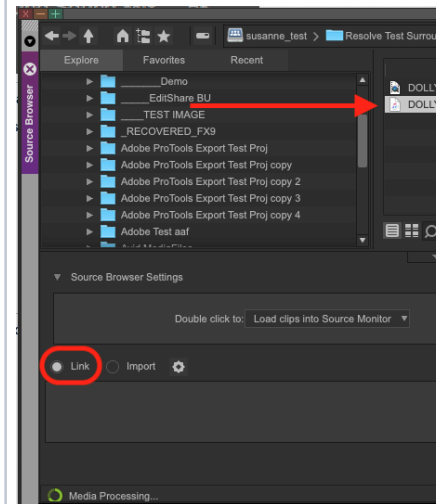
If your mixer did not give you "One" file that contains 6 channel but instead gave you 6 separate .wav files then use this workflow

[AVID - How to Make a 5.1 QuickTime Using 6 separate files Left, Right, Center, Lfe, Ls, Rs](#)
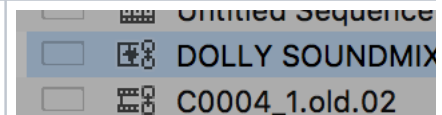
| | |
|---|---|
| Open your AVID Project |  |
|  | Make a New Bin to import your surround sound |
|  | Title the bin how you wish |
| Link to the Surround Interleaved file that you received from the mixer<br><br>Go to >Tools>Source Browser> |  |

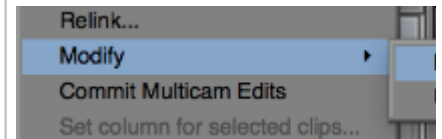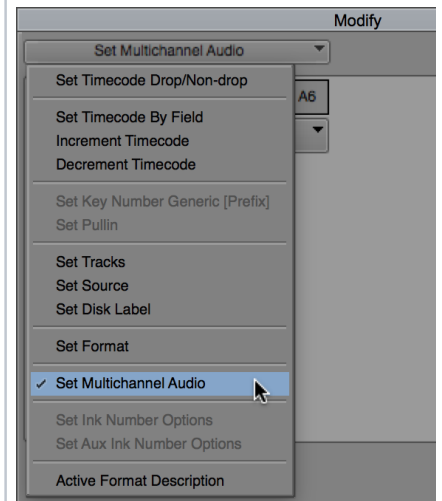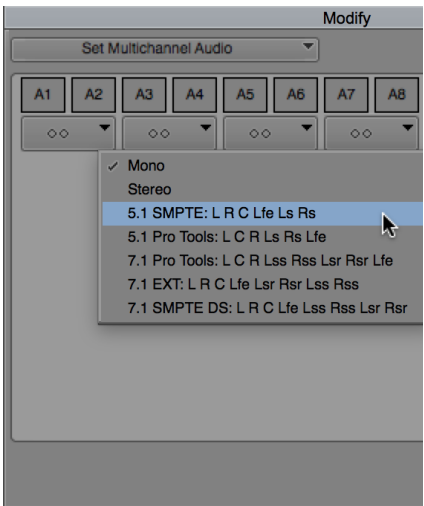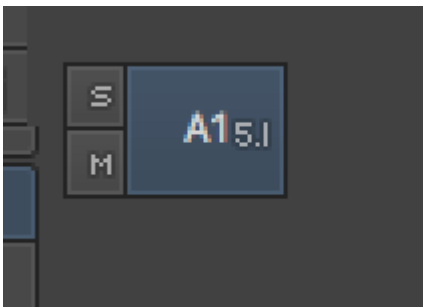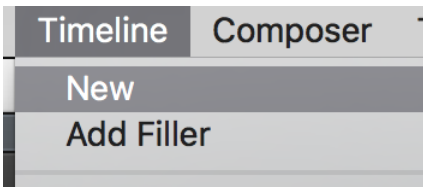| | |
|---|---|
| The file will be a 5.1 Full Mix.wav file<br><br><br>Click on Link |  |
| The file will appear in the bin |  |
| Right click on that linked file in the bin and choose Modify > Modify Clip... |  |
| Choose Set Multichannel Audio from the drop down |  |

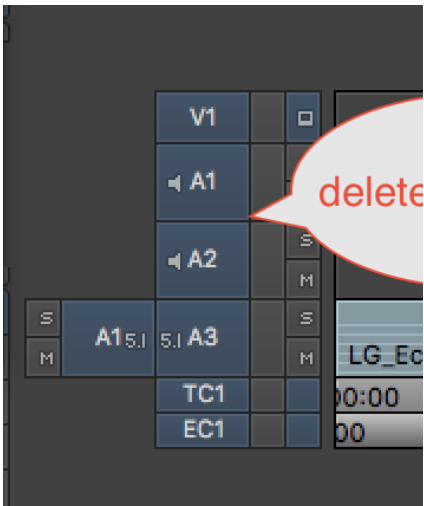| | |
|---|---|
| Choose 5.1 SMPTE: L R C Lfe Ls Rs |  |
| When you load it into the source window the file will have a 5.1<br><br>icon on it shown here |  |
| Create a new sequence and edit the 5.1 audio into the new timeline and then delete the other audio tracks that are automatically generated in the timeline |  |
| delete the other audio tracks that are automatically generated in the timeline |  |

Edit the 5.1 audio file into this new timeline
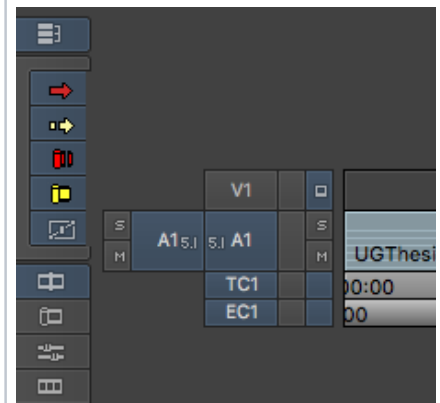


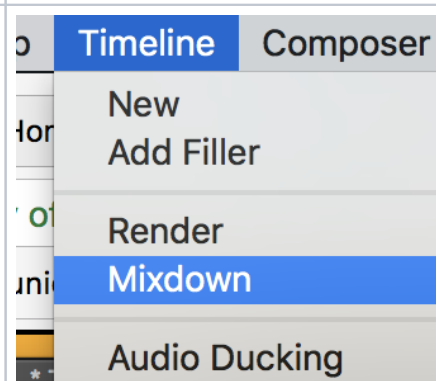Next need to make your video file to overwrite the 5.1 audio file

Select your final color corrected timeline in the bin and double click it to load it into the timeline interfacee
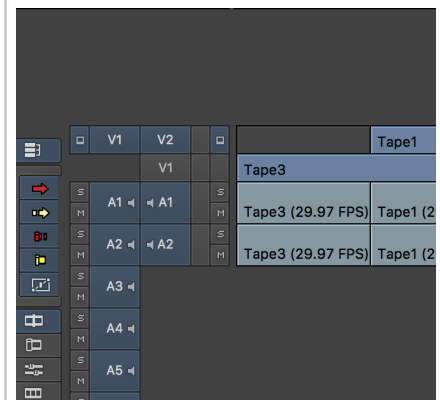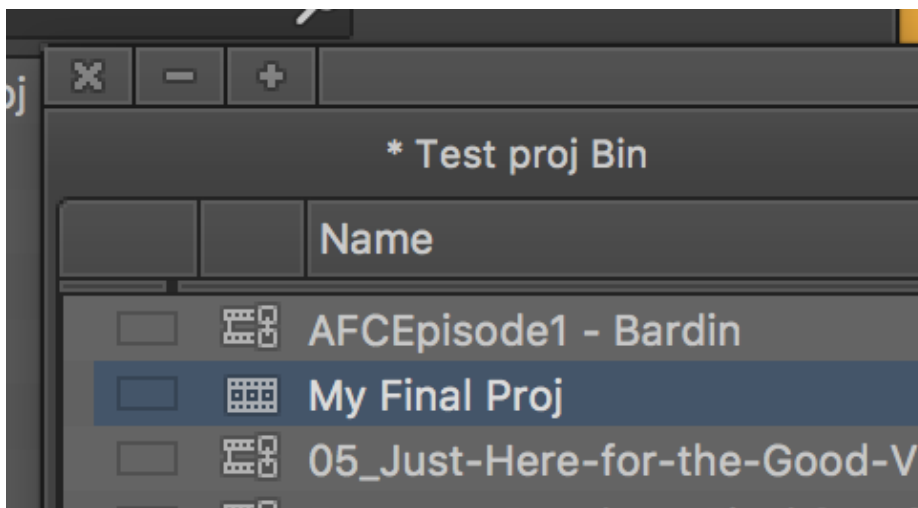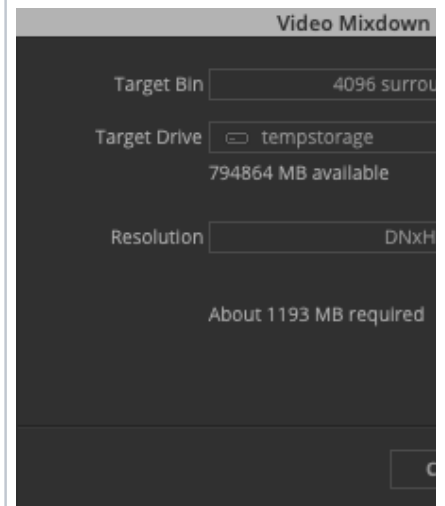


Next choose Timeline>Mixdown>Video

## NOTE:
You don't have to do this video mixdown if you want to use the video track from another timeline.
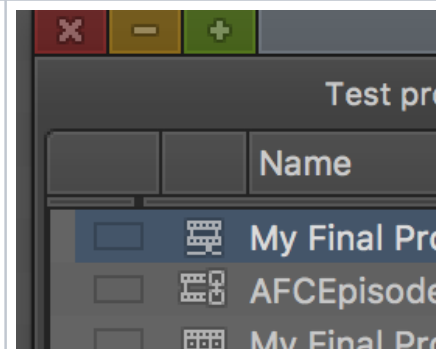
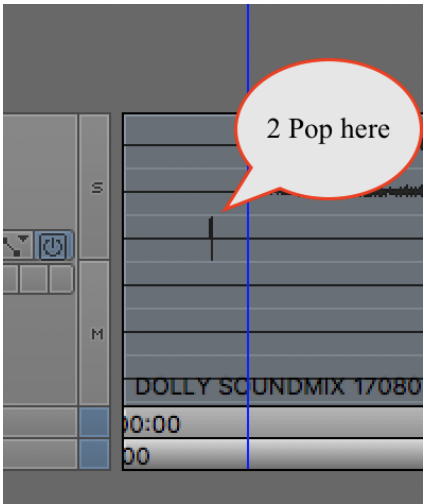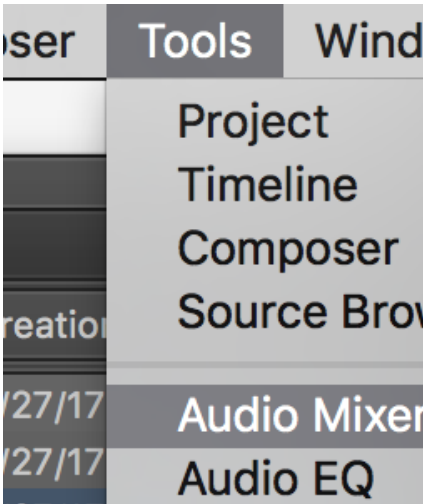| | |
|---|---|
| Choose the bin in AVID you want to save the file<br><br>Choose where the .MXF will be saved (your hard drive)<br><br>Resolution DNxHR HQ | **Video Mixdown**<br><br>Target Bin  4096 surrou<br><br>Target Drive  ⊂⊃ tempstorage<br>794864 MB available<br><br>Resolution  DNxH<br><br>About 1193 MB required |
| You will end up with a file titled Video Mixdown after the title of your timelin | Test pr<br>Name<br>My Final Pr<br>AFCEpisode<br>My Final Pr |
| Load that video mixdown clip into the source browser and edit that on to the newly created 5.1 timeline that contains the 5.1 audio. | V1  SONGOFMYSE<br>5.1 A3  LG_EchoesAbc<br>TC1  0:00<br>EC1  00 |

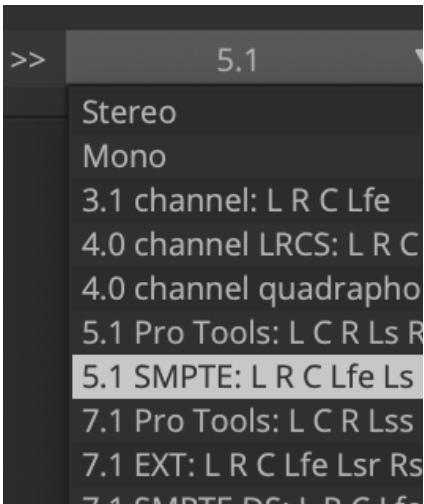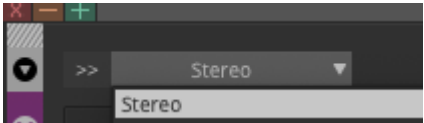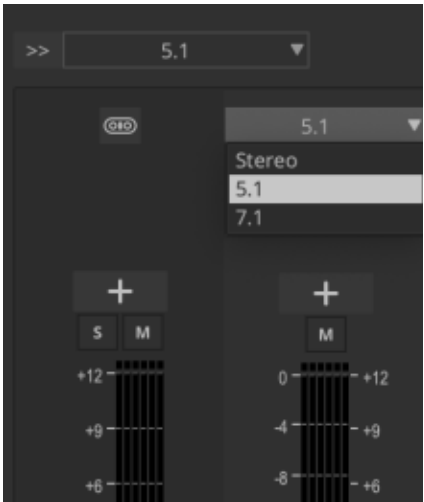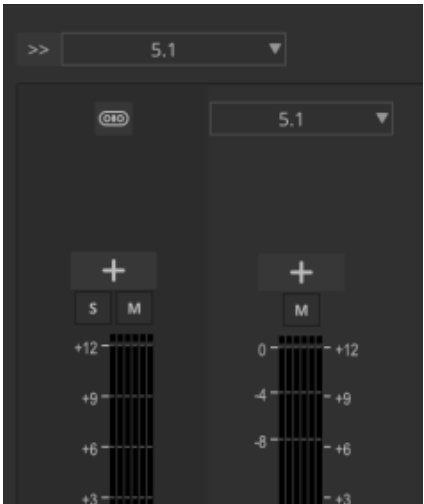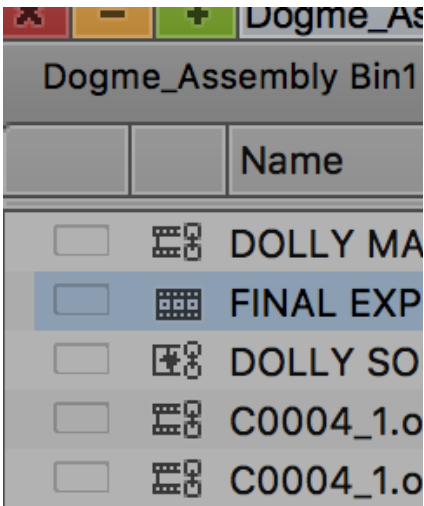| | |
|---|---|
| Check the Sync of the entire movie before exporting<br><br>**Remove the 2POP from the timeline at the head and tail.** |  |
| Next go to >Tools Audio Mixer |  |
| Change these audio mixer settings for the source and record side<br><br>Set the "Monitor Mix Format" to 5.1 SMPTE: L R C Lfe Ls and Rs |  |
| Note if you are on a laptop or a computer w/o surround sound hardware connected you won't be able to set the "Monitor Mix Mode" to surround you will just leave it stereo |  |

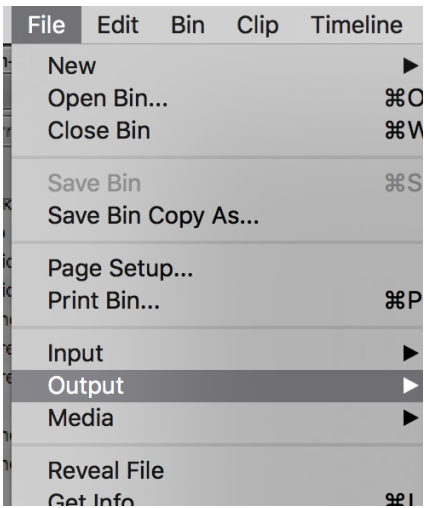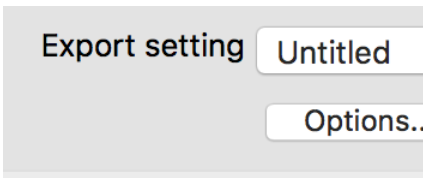| | |
|---|---|
| Set the "Sequence Mix Mode" side to 5.1 as shown here |  |
| Close the Audio Mixer |  |
| Export the timeline<br><br>Select the Sequence to export that has the video mixdown with the 5.1 audio |  |

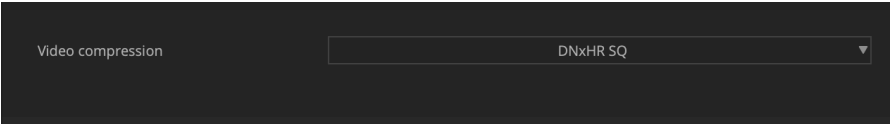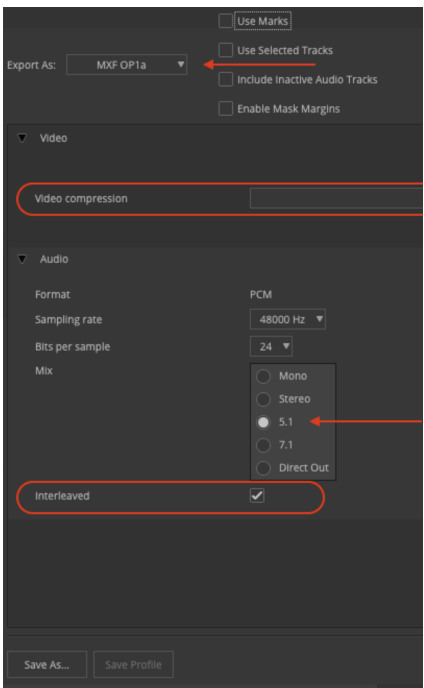| | |
|---|---|
| Go to >File>Output>Export to File | **File** Edit Bin Clip Timeline<br><br>New ▶<br>Open Bin... ⌘O<br>Close Bin ⌘W<br><br>Save Bin ⌘S<br>Save Bin Copy As...<br><br>Page Setup...<br>Print Bin... ⌘P<br><br>Input ▶<br>Output ▶<br>Media ▶<br><br>Reveal File<br>Get Info ⌘I |
| Click on Options | Export setting  Untitled<br><br>Options.. |
| Choose MXF OP1a<br><br>Video Compression choose DNxHR SQ<br><br>Video compression    DNxHR SQ  ▼<br><br>Mix is 5.1<br><br># Make sure Interleaved is checked | Export As:  MXF OP1a ▼<br>☐ Use Marks<br>☐ Use Selected Tracks<br>☐ Include Inactive Audio Tracks<br>☐ Enable Mask Margins<br><br>▽ Video<br>Video compression<br><br>▽ Audio<br>Format       PCM<br>Sampling rate   48000 Hz ▼<br>Bits per sample  24 ▼<br>Mix<br>  ○ Mono<br>  ○ Stereo<br>  ● 5.1<br>  ○ 7.1<br>  ○ Direct Out<br>Interleaved    ☑<br><br>Save As...  Save Profile |
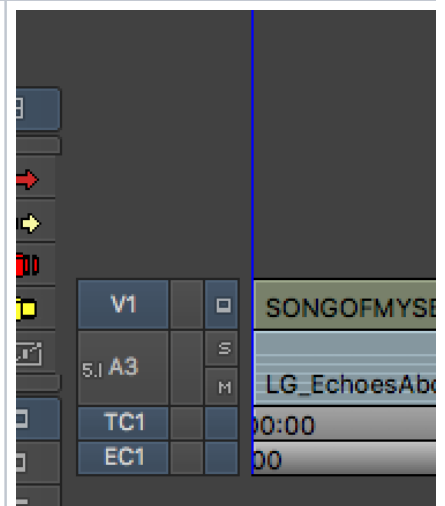
Choose a place to save the file choose

And Choose Save