

Davinci Resolve - Surround Sound Output Settings

Open Audio MIDI Setup

audioMIDI Setup

TOP HITS

Audio MIDI Setup

Click on HDMI > Output and make sure The Source is Crestron

Format is 8 Ch 24 Bit 48 kHz

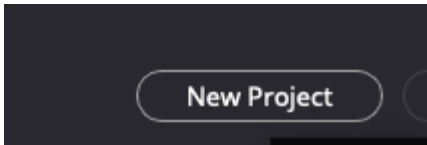
Open DaVinci Resolve

Preview

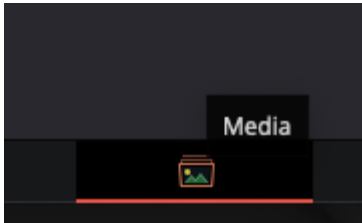
DaVinci Resolve

When you get through the prompts

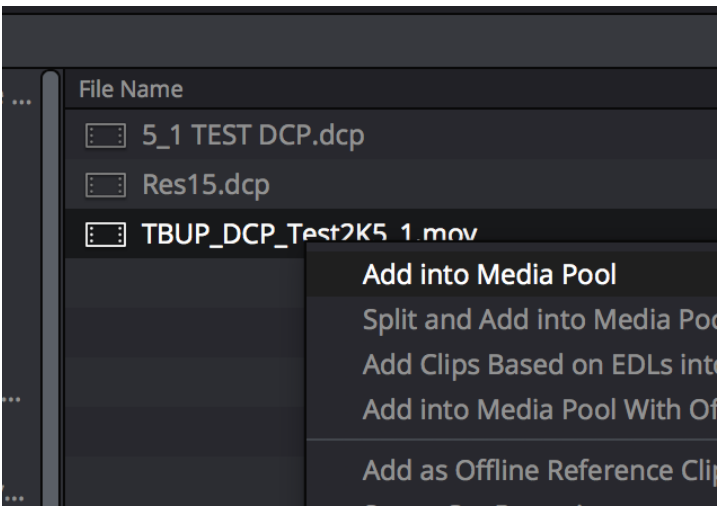
Open a New Project or Existing Project



Click on Media Tab and add 5.1 clips to media pool

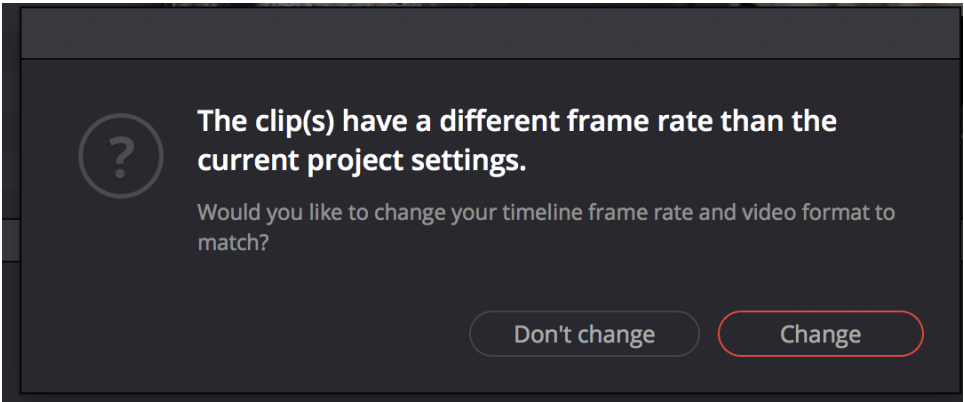


Find the 2K clip with the 5.1 interleaved audio that was exported



Right click it and choose "Add into Media Pool"

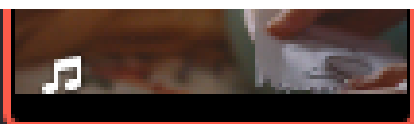
Choose to Change the frame rate



Click "Change"

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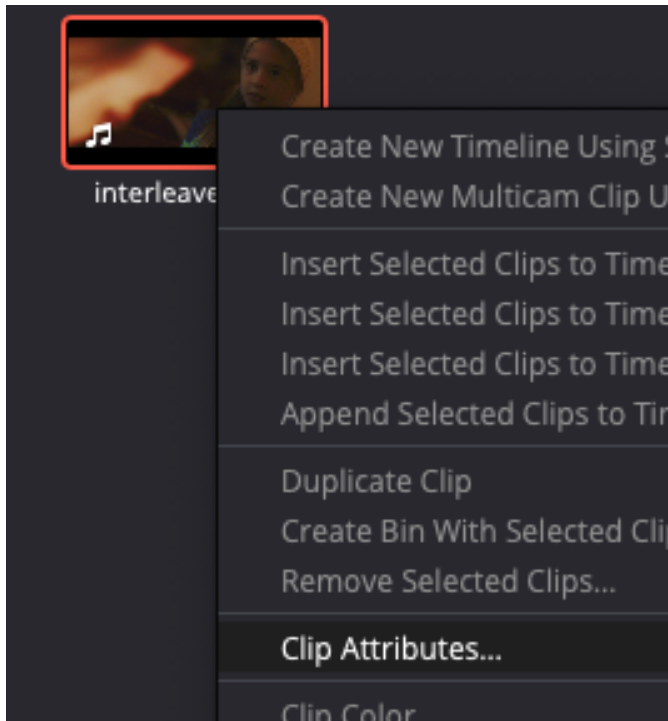


interleaved.mxf

If your file is not an .mxf then skip the next 4 steps and go to creating a timeline

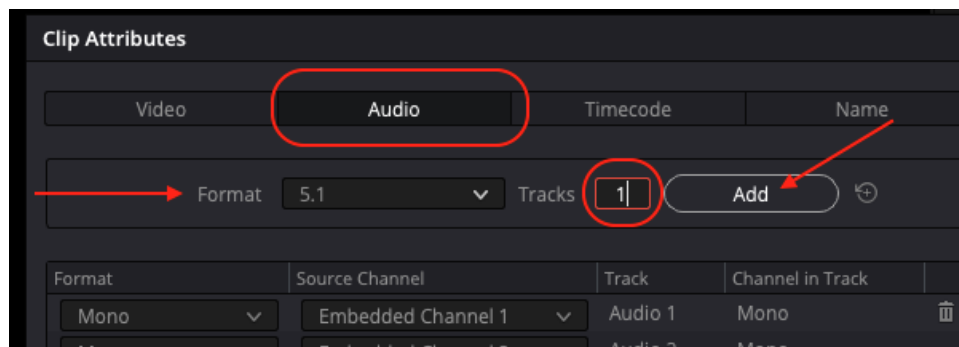
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Next click on the trash can to delete tracks 1-6 mono tracks

Clip Attributes

Video

Audio

Timecode

Name

Format

5.1

Tracks

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Add

Format	Source Channel	Track	Channel in Track	
Mono	Embedded Channel 1	Audio 1	Mono	
Mono	Embedded Channel 2	Audio 2	Mono	
Mono	Embedded Channel 3	Audio 3	Mono	
Mono	Embedded Channel 4	Audio 4	Mono	
Mono	Embedded Channel 5	Audio 5	Mono	
Mono	Embedded Channel 6	Audio 6	Mono	
5.1	Embedded Channel 1	Audio 7	Left	
	Embedded Channel 2		Right	
	Embedded Channel 3		Center	
	Embedded Channel 4		LFE	
	Embedded Channel 5		Left Surround	
	Embedded Channel 6		Right Surround	

Cancel

OK

When all that is left is the 5.1 track then click on OK

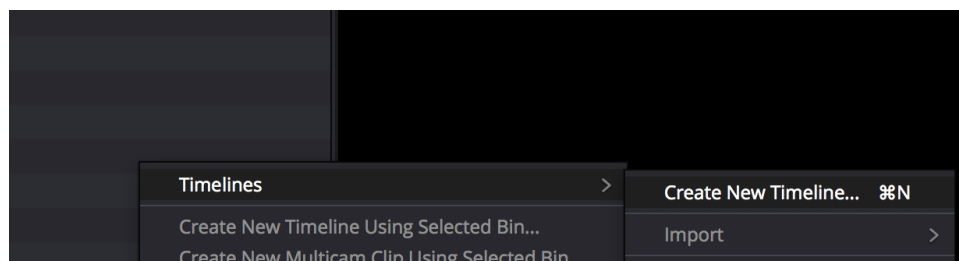
[illegible]

Now that the .mxf file is set up correctly

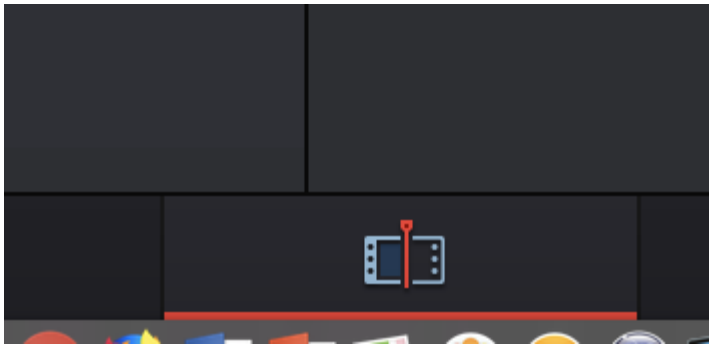
Everyone follow the rest of the workflow

Right click in the Media Pool area

>Choose
>Timeline
>Create New Timeline

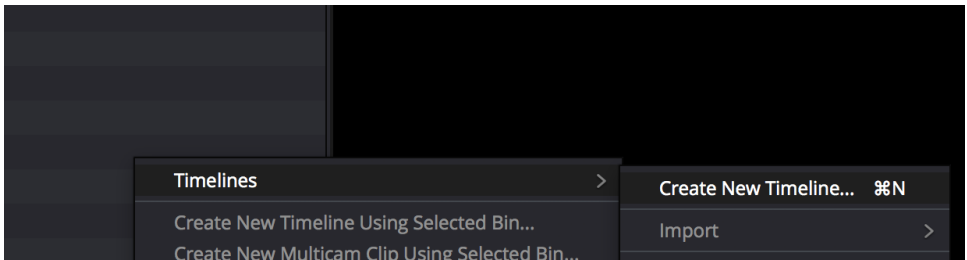


Next - Go to the Edit Tab



Right click in the Media Pool area

> Choose > Timeline > Create New Timeline



Set the Timeline to be 1 Video Track

1 audio track that is 5.1

Uncheck Empty Timeline

Click on "Create"

New Timeline

Start Timecode

Timeline Name

No. of Video Tracks

No. of Audio Tracks

Audio Track Type

☐ Empty Timeline

☐ Use Selected Mark In/Out

Next go to >Fairlight >Bus Format

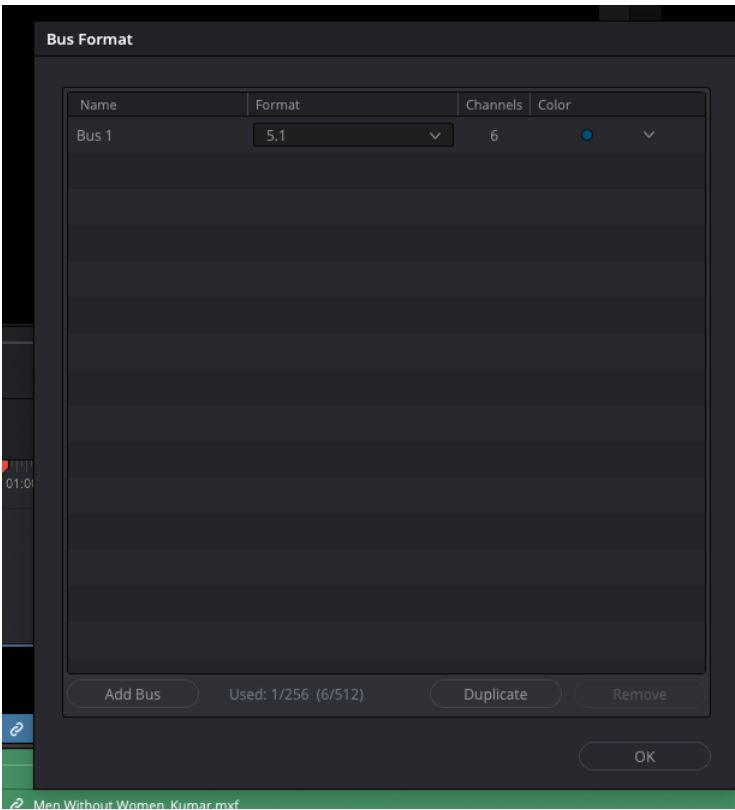
Fairlight Workspa

Bus Format...

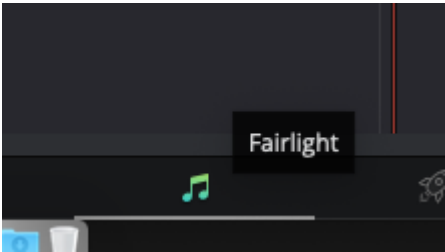
Bus Assign...

Choose Format at 5.1

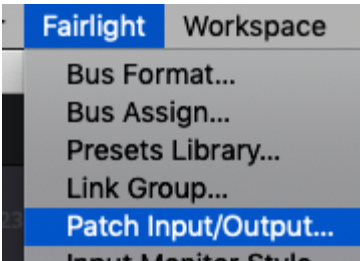
Click on OK



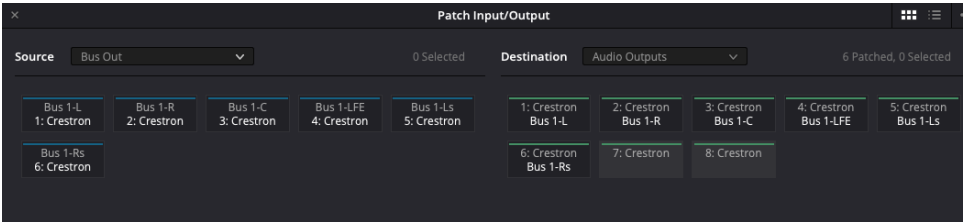
choose the Fairlight tab at the bottom of the application to enter the Fairlight mode



In the Fairlight module click on Fairlight > Patch Input/Output



Choose Source Bus Output

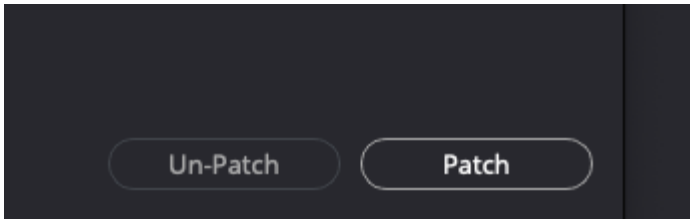


Next select source channels L, R, C, Lfe, Ls, Rs in this order by clicking on the channels buttons or Track Direct seem to work

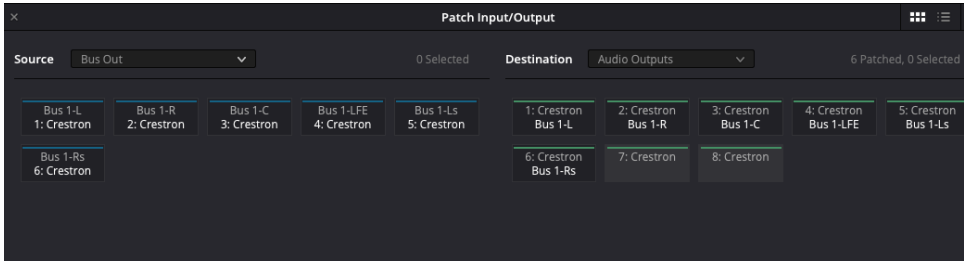
Then on Destination click on channels 1-6 in order

They will have a white border around the boxes like this

Then click on Patch



Now you use the patch he's are correct for 5.1 monitoring close the window



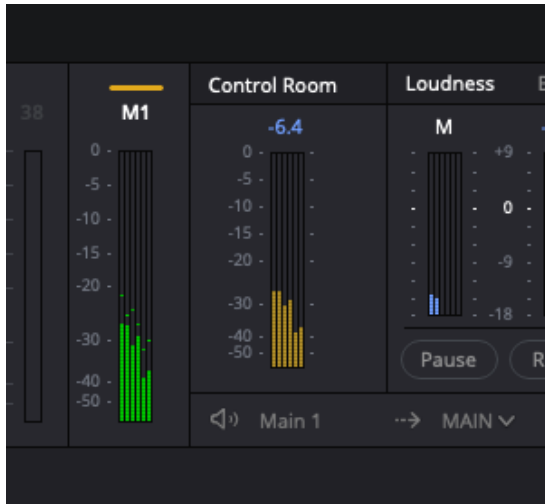
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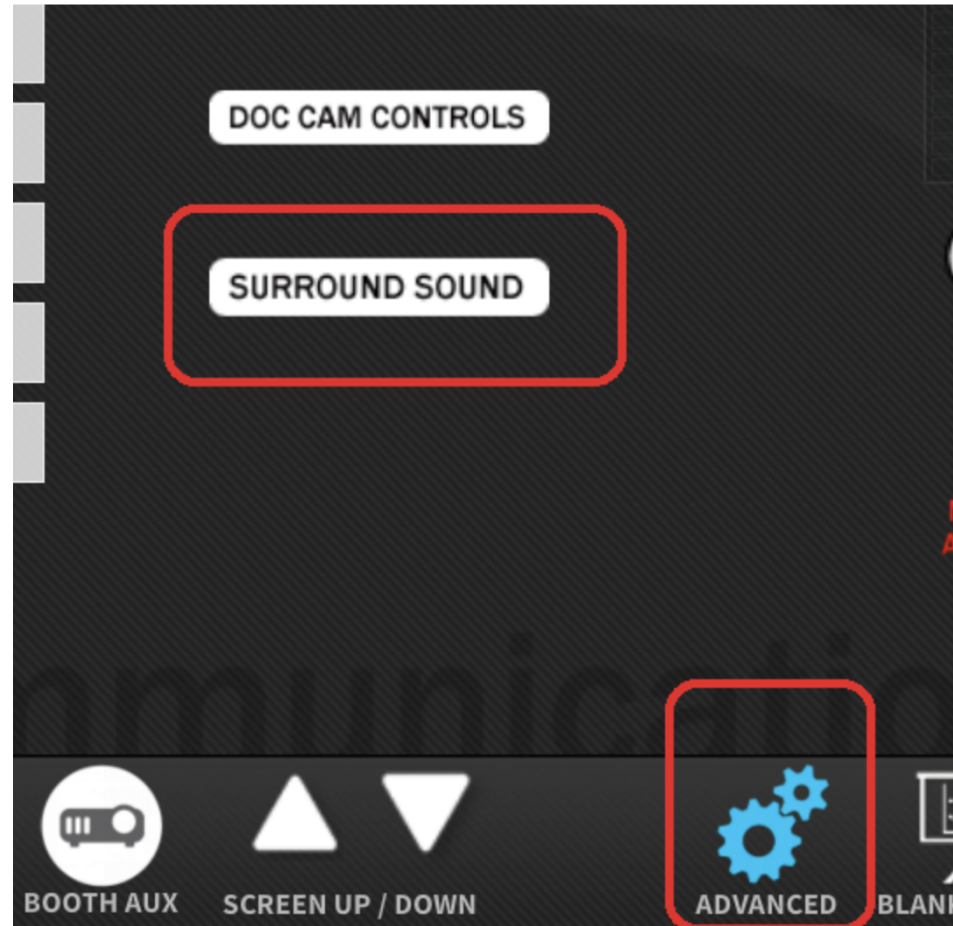
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Keep at Auto and you should be able to mute channels as needed to check the audio.

