Davinci Resolve - Surround Sound Audio Import and Export

See this wiki below for projects that have EXISTING TIMELINES in resolve and you just want to add your surround mix and export

Davinci Resolve - How to Import Surround Sound Mix and Export Surround File

Open Davinci Resolve	DaVinci Resolve
When you get trough the prompts	
Open a New Project or Existing Project	New Project
Click on Media Tab and add 5.1 audio clip to media pool	Media
Find the clip with the 5.1 interleaved	
audio that was exported	File Neme
Pight click it and choose "Add into	
Media Pool"	
	TBUP_DCP_Test2K5_1.mov
	Add into Media Pool
	Split and Add into Media Poe
	Add Clips Based on EDLs into
	Add Into Media Pool With Of
	Add as Offline Reference Cli
Choose to Change the frame rate	
Click "Change"	
	f_{1} The clin(s) have a different frame rate than the
	current project settings.
	Would you like to change your timeline frame rate and video format to
	match?
	Don't change Change

Next - Go to the Edit Tab		
Right click in the Media Pool area		
>Choose >Timeline>CreateNew Timeline		
	Timelines	Croate Now Timeling 90
	Create New Timeline Using Selected Bin	Import >
Set the Timeline to be 1 Video Track		
1 audio track that is 5.1	New Timeline	
	Start Timecode 01:00:00:00	
Uncheck Empty Timeline	Timeline Name Timeline 1	
Click on "Create"	No. of Video Tracks 1	
Now add you video on to the timeline with the surround sound audio file set to 5.1	No. of Audio Tracks 1 Audio Track Type 5.1 Empty Timeline Use Selected Mark In/Out Cancel Create	
Next go to >Fairlight>Bus Format		
	Fairlight Workspa	
	Bus Format	
	Bus Format	
	Bus Assign	

Bus 1	Bus Format			
Choose Format 5.1	Bus Pormat			
Click on OK				
	Name	Format	Channels Co	olor
	Bus 1	5.1	✓ 6	
		Mono		
		Stereo		
		LRC		
		LCR		
		LCRS		
		LCRSS		
		5.0	U	
		5.1 5.1 Film		
		5.1 Film		
		0.1		
	Add Bus	Used: 1/256 (6/512)	Duplicate	
				(ок)
To Start the Self Contained				
Resolve Project click on the Deliver				
		-		
		Ø		
	ee Nor	Dolivor		
	101	Deliver		
In the upper left corner click on Render Settings				
Choose >ProRes>ProRes 422 HQ				
	ProRe	25		
	er ProRes 422	2 HQ Yo		



Or if you would like to export a UHD 3840 x 2160 version choose that setting		Network Optimization
	Resolution	3840 x 2160 Ultra HD 🛛 🗸
	Frame rate	720 x 480 NTSC DV
rate your timeline is)		720 x 486 NTSC
		720 x 576 PAL
	> Advanced Settings	1280 x 720 HD 720P
	/ Advanced Settings	1280 x 1080 HD 1280
		1920 x 1080 HD
	01 V1 02	3840 x 2160 Ultra HD
Choose Advanced Settings		Use Constant Bit Rate
Make sure Retain Sub-black and Super White Data is checked	✓ Advanced Settings	s
	Pixel aspect ratio	 Square
		Cinemascope
	Data Levels	O Auto
		Full Retain sub-black and super white data
Scroll back up in the tool and choose the Audio Tab	 Export Audio 	
Check the Export Audio box and set to Linear PCM, 24 Bit and Bus 1 stereo	Codec Lin	iear PCM V
	Sample Rate 480	000 ~
	Bit Depth 24	
	E F	Render one track per channel
	E F	Render as discrete audio tracks
	Output Track 1 Bu	s 1 (Stereo) v +

Audio tab set to Bus1 5.1				
	Sample Rate	48000 🗸		
	Bit Depth	24 ~		
		Render one track per channel		
		Render as discrete audio tracks		
	Output Track 1	Bus 1 (5.1)	$\mathbf{\vee}$	+

Finally, if you are trying to **playout via VLC OR ARE ADDING CAPTIONS** you timeline **Start Timecode** setting to start playback at 0 hour.





Once the file renders open in		
	Inspector	
>window>Snow Movie Inspector	surround test sk aac audio	
iew Window Help		
- H Minimize 36 M Zoom	✓ General:	
Tile Window to Left of Screen	Source: /Volumes/temp_transfer/	
Replace Tiled Window	Resolution: 3840 × 2160	
Remove Window from Set	Data Size: 95.8 MB	
Show Previous Tab	Data Rate: 76.85 Mbit/s	
Show Next Tab	Current Size: 3840 × 2160 Video Format: Apple ProRes 422 Provy	
Move Tab to New Window Merge All Windows	Audio Format: MPEG-4 AAC, 48000 Hz	
✓ Natural Size 3€ 1	Nideo Detello:	
Fit to Screen 98 3		
Fill Screen 34 4 Panoramic 36 5	✓ Audio Details:	
Increase Size 🛛 🕄]	Language: Unknown language	
Decrease Size 🛛 💥 [Data Rate: 320.78 kbit/s	
Show Movie Inspector 31 1	Channels: 5.1 (C L R Ls Rs LFE)	
Chow Export Brogross 2199 D	Track ID: 2	
	> Additional Tracks:	
	Observed and a setting and a surgery of 5.4 (O, L, D, La, Da, LEE)	
	Should see audio settings as surround 5.1 (C, L, R, Ls, Rs, LFE)	
Back in your timeline		
	ST1 Subtitle 1	
To export the generated subtitles as a	Stri Subtide I	
.srt file, navigate to the subtitle track	Add Subtitle Track	
and right click	Movo Track Lin	
	86 Clips Move Track Up	
Click on Export Subtitle	Move Track Down	
	V1 Video 1	
	Delete Track	
	Delete Empty Tracks	
	1 Clip Change Track Color >	
	A1 Audio 1 Export Subtitle	

This menu should be called up	Save As: Subtitle 1
Name your file and make sure you're saving it to the right destination	Tags:
Click Save	Where: 📙 VivDrive 📀 🗸
	Subtitle Files (*.srt)
	Cancel