Davinci Resolve - Surround Sound Audio Import and Export

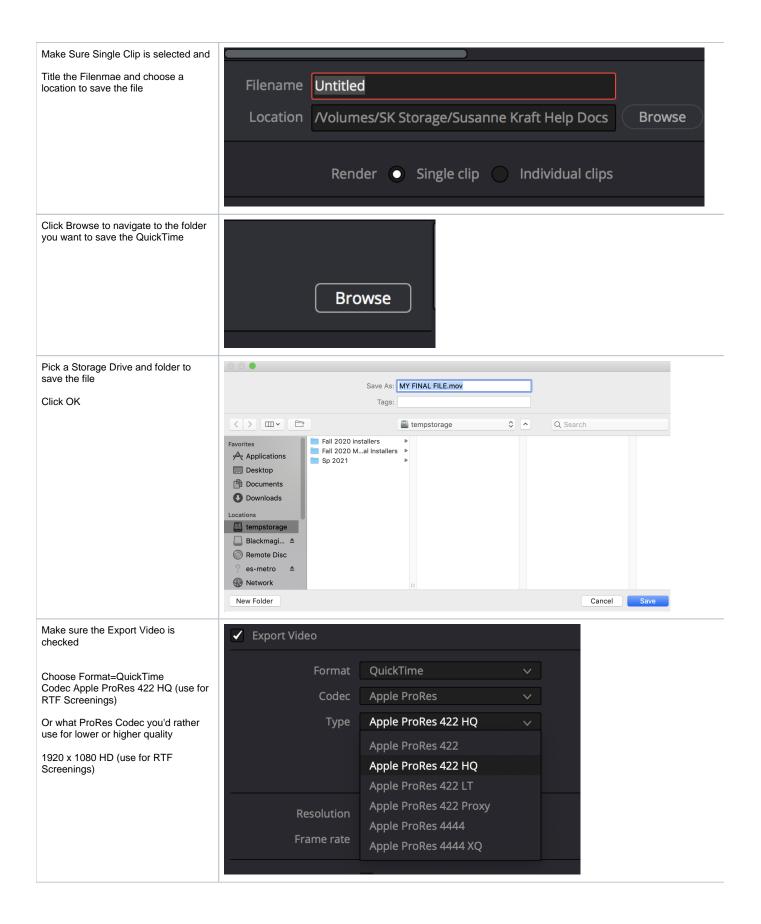
See this wiki for projects that have existing timelines in resolve and you just want to add your surround mix and export

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 Name		
Right click it and choose "Add into Media Pool"	5_1 TEST DCP.dcp		
	🗔 Res15.dcp		
	TBUP_DCP_Test2K5_1.mov		
	Add into Media Pool		
	Split and Add into Media Poo		
	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"			
	The clip(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		

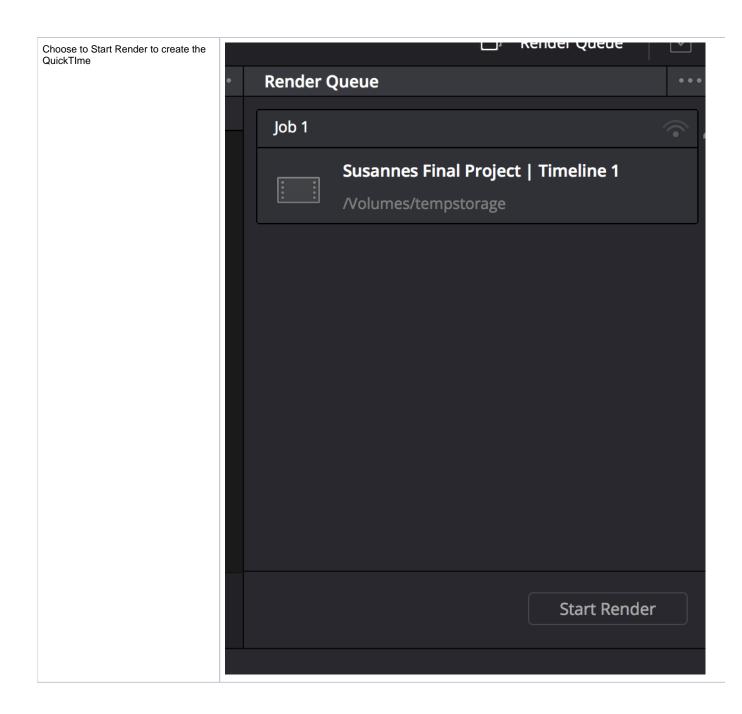
Next - Go to the Edit Tab		
Right click in the Media Pool area		
>Choose >Timeline>CreateNew Timeline		
	Timelines	Create New Timeline %N
	Create New Timeline Using Selected Bin Create New Multicam Clip Using Selected Bin	Import >
Set the Timeline to be 1 Video Track		
1 audio track that is 5.1	New Timeline	
	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 Assign	

Bus 1	Bus Format		
Choose Format 5.1			
Click on OK	Name	Format	Channels Color
	Bus 1	5.1 🗸	6 • •
		Mono	
		Stereo	
		LRC	
		LCR LCRS	
		LCRSS	
		5.0	
		5.1	
		5.1 Film	
		6.1	
	Add Bus	lsed: 1/256 (6/512)	Duplicate Remove
			(ок)
To Start the Self Contained QuickTime export of the Final Resolve Project click on the Deliver Tab			
	•	- C	
	olor	Deliver	
In the upper left corner click on Render Settings	ProRes Master		•••
Choose >ProRes>ProRes Master			
	lbe ~ vim a	20∨ ProRe	es H.264
	ibe ~ vim a	eo · Proke	S n.204
)p 1080	p ProRes Ma	aster H.264 Master



Or if you would like to export a UHD 3840 x 2160 version choose that setting	Network Optimization		
	Resolution	3840 x 2160 Ultra HD 🛛 🗸	
FPS 23.976 (or 24 or whatever frame	Frame rate	720 x 480 NTSC DV	
rate your timeline is)		720 x 486 NTSC 720 x 576 PAL	
		1280 x 720 HD 720P	
	> Advanced Settings	1280 x 1080 HD 1280	
		1920 x 1080 HD	
		3840 x 2160 Ultra HD	
Choose Advanced Settings		Use Constant Bit Rate	
Make sure Retain Sub-black and Super White Data is checked	\sim Advanced Setting	gs	
	Pixel aspect ratio		
		Cinemascope	
	Data Levels		
		Video Full	
		 Retain sub-black and super-white data 	
Scroll back up in the tool and choose	Sample Rate 48	3000 🗸	
the Audio Tab Check the Export Audio box and set			
to Linear PCM, 24 Bit and Bus 1 stereo	Bit Depth 24	4 🗸	
		Render one track per channel	
		Render as discrete audio tracks	
	Output Track 1 B	us 1 (Stereo) v +	
	В	us 1 (Stereo)	
	Ti	meline Track	
	Al	l Timeline Tracks	

Audio tab set to Bus1 5.1			
	Sample Rate	48000 ~	/
	Bit Depth	24 🗸	
	(Render one track per ch	annel
	[Render as discrete audi	o tracks
	Output Track 1	Bus 1 (5.1)	v (+)
Finally, if you are trying to playout via VLC OR ARE ADDING CAPTIONS you will need to change the timeline Start Timecode setting to start playback at 0 hour.	œ [™]	ledia Offline	
Go to DaVinci Resolve locate the sequence you want to change in the Bin	A	LL Reels	
Right click it and >Timelines>Starting Timecode	Timelines Re Create New Timeline Usi	>	Timeline Settings Starting Timecode
Set TimeCode to 00:00:00:00	Set New	/ Start Timecod	le
	New St	art:	
	00:00:0	00:00	



ndow>Show Movie Inspe		surround te	est sk aac audio
Window Help			
Minimize	36 M	General:	
Zoom Tile Window to Left of Screen Tile Window to Right of Screen Replace Tiled Window		sur	lumes/temp_transfer/ round test sk aac audio.mov 40 × 2160
Remove Window from Set Show Previous Tab Show Next Tab Move Tab to New Window	* 0 *	Data Rate: 76. Current Size: 38	8 MB 85 Mbit/s 40 × 2160 ple ProRes 422 Proxy
Merge All Windows			EG-4 AAC, 48000 Hz
 ✓ Natural Size Fit to Screen Fill Screen Panoramic Increase Size Decrease Size Show Movie Inspector Show Expect Process 	x 3 x 4 x 5 x] x [x 1 x 4	Data Rate: 320	known language D.78 kbit/s (C L R Ls Rs LFE)
	Sho	uld see audio settings as surrou	und 5.1 (C, L, R, Ls, Rs, LFE)
ck in your timeline export the generated subt file, navigate to the subtit fright click	titles as a	uld see audio settings as surrou ST1 Subtitle 1 @ @ 86 Clips	Add Subtitle Track Move Track Up
export the generated subt file, navigate to the subtit	titles as a	ST1 Subtitle 1	Add Subtitle Track Move Track Up Move Track Down
export the generated subt file, navigate to the subtitl right click	titles as a	ST1 Subtitle 1 St1 Subtitle 1 S6 Clips V1 Video 1 C1 C1	Add Subtitle Track Move Track Up
export the generated subt file, navigate to the subtit right click	titles as a	ST1 Subtitle 1 St1 Subtitle 1 S6 Clips V1 Video 1	Add Subtitle Track Move Track Up Move Track Down Delete Track

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