## **REW Export to NControl**

Lynx recommends starting by learning about how to setup Room EQ Wizard and Analyzing your room by looking at the following pages.

https://www.production-expert.com/home-page/how-to-set-up-the-dad-avid-spq-card-using-the-free-room-eqwizard

https://www.production-expert.com/home-page/how-to-set-up-room-eq-wizard-to-eq-your-monitoring-system

https://www.production-expert.com/home-page/how-to-analyse-your-room-and-speakers-using-room-eq-wizard

https://www.production-expert.com/home-page/how-to-set-the-eq-filters-and-transfer-them-to-an-avid-dad-spqcard

Although the steps eventually have the user manually setting the parameters in the DAD SPQ Card dialog box, that step will (obviously) be unnecessary since NControl can read the REW .TXT files directly. It is important to understand that NControl expects the REW files to be named in a specific way, so it can determine which file goes to which channel, and what the channel setup is (i.e.: 7.1.4).

It is important to name the REW files properly so that NControl knows which channel each file is for.

We recommend using "SpeakerFormat\_ChannelName\_SpeakerName.txt" format where:

**SpeakerFormat** is one of the Dolby Atmos speaker formats such at "5.1" or "7.1.4". See table at the end of this document.

**ChannelName** is one of the Dolby Atmos abbrevated channel names such as "L" or "R". See table at the end of this document.

The saved .TXT files can now be imported into NControl using the "Load REW Preset" button.

	Select REW Files		6
It is recommend	ed to name the files from REW according to th	e follow	ing:
5.1_L_SpeakerN	ame.txt		
Where 5.1 is th L is the abbrev	ne Speaker Format riated Dolby channel name.		
Anything after th	he Dolby channel name will be ignored.		
Files named as o auto-assigned to	described above can be drag-n-dropped onto to to the correct channels.	his wind	low and will be
Speaker format	:: (Select format) 🗸		Open Files
		~	Select file
		~	Select file
		~	Select file
		$\sim$	Select file
		~	Select file
		$\sim$	Select file
		$\sim$	Select file
		~	Select file
		~	Select file
		~	Select file
		$\sim$	Select file
		$\sim$	Select file
		~	Select file
		$\sim$	Select file
		~	Select file
		~	Select file

## If the files are named properly, simply drag-and-drop the .TXT files onto the "Select REW Files" dialog box:

Name	Date	Туре	Size Tag	S
5.1_C_REW.txt	8/1/2023 12:15 PM	Text Document	2 KB	
5.1_L_REW.txt	8/1/2023 12:15 PM	Text Document	2 KB	
5.1_Ls_REW.txt	8/1/2023 12:15 PM	Text Document	2 KB	
5.1_R_REW.txt	8/1/2023 12:15 PM	Text Document	2 KB	
5.1_Rs_REW.txt	8/1/2023 12:15 PM	Text Document	2 KB	
5.1_Sub_REW.txt	8/1/2023 12:15 PM	Text Document	2 KB	

		Select REW Files		
It is re	comme	nded to name the files from REW accord	ing to the follow	ing:
5.1_L_	Speake	rName.txt		
Whe L is 1	re 5.1 is the abbr	the Speaker Format eviated Dolby channel name.		
Anythi	ing after	r the Dolby channel name will be ignored		
Files r auto-a	named a assigned	s described above can be drag-n-droppe to the correct channels.	ed onto this wind	low and will be
Speal	ker form	nat: 5.1 🗸		Open Files
L	~	5.1_L_REW	~ ]	Select file
R	~	5.1_R_REW	~	Select file
C	~	5.1_C_REW	~	Select file
Sub/L	FE 🗸	5.1_Sub_REW	~	Select file
Ls	~	5.1_Ls_REW	~	Select file
Rs	~	5.1_Rs_REW	~	Select file
			$\sim$	Select file
			$\sim$	Select file
			$\sim$	Select file
			$\sim$	Select file
			$\sim$	Select file
			~	Select file
			~	Select file
			~	Select file
			~	Select file

The Speaker format and channel assignment will be automatically selected based on the name of the file. Once all of the files are selected, press the Open Files button and the filter data will be imported into NControl.

											D	olby A	тмоз	S setup												
🗸 🗸	TMOS Enat	ble																			Ē	Load REW	Prese	t Loa	d TXT	Preset
Spea	aker forma	t: 5.1		~	Global s	nc delay	(ms):	0.	00 -	+											Ē	Open S	cene	s	ave S	cene
	settings –																				Ē	Clea	ar		Арр	ly
Sour	ce: PLAY	4 ~	LPF	type: L	Linkwitz-F	tiley 丶	<ul> <li>si</li> </ul>	lope:	24dB/o	ct 🗸	Freq	75		- + )	Co	opy to	satellites		10dB gain							
										lter dis	able			🗸 Bas	s mai	nagem	ient G	ilobal I	bass mgnt L	.PF/H	PF type:	Linkwitz-	Riley	~		
Spe	aker	Source		Phy	sical out		Gain (	dB)	Fi	Iters	Channe	l delay	(ms)	Level to	o sub	(dB)	LPF sl	ope	LPF f	reque	incy	HPF slo	ope	HPF f	equer	icy
L	~	PLAY 1	~	LINE O	UT1 🗸	0.		- [	+ C	lick	14.60	$\cdot$	+	0.0		+	24dB/oct	~	75	-	+	24dB/oct	~	75	•	+
R	~)[	PLAY 2	~	LINE O	UT 2 🗸	0.		-	+ 0	lick	13.27		+	0.0	-	+	24dB/oct	~	75	•	I+	24dB/oct	~	75	-	+
С	~)[	PLAY 3	~	LINE O	оот з 🗸	0.		- [	+ C	lick	15.28	$\cdot$	+	0.0	•	•	24dB/oct	~	75	•	$\left[ \bullet \right]$	24dB/oct	~	75	•	•
Sub/L	FE 🗸	Sum LFE+Sat LPF		LINE O	UT 4 🗸	0.		- [	+ 0	lick	0.00	•	+	0.0	-	+	24dB/oct		75	-	<b>I</b> + ∣	24dB/oct		75	-	+
Ls	~)[	PLAY 5	~	LINE O	UT 5 🗸	0.		- [	+ 0	lick	15.99		+	0.0	-	+	24dB/oct	~	75	-	ŀ	24dB/oct	~	75	-	•
Rs	~)[	PLAY 6	~	LINE O	ОТ 6 🗸	0.		- [	+ 0	lick	2.95	•	+	0.0		+	24dB/oct	~	75	•	$\left[ + \right]$	24dB/oct	~	75	-	•
Filters	for PLAY	1 routed to LINE	E OUT 1	for the	Left spea	ker.																				
Туре	Peak 🗸	Peak 🗸	Peak	~][	Peak 🗸	Pea	< ~	] [Pe	ak 🗸	Peak	· ~ [	Peak	~	Peak 🗸	<b>_</b>	eak 🥆	Peak	~	Peak 🗸	<b>P</b>	eak 🗸	Peak	~][	Peak 🗸	Pe	ak 🗸
Freq	46 Hz	121 Hz	150	Hz	185 Hz	31	4 Hz	3	390 Hz	559	9 Hz	651 H	Iz	735 Hz		883 H	z 1334	Hz	2335 Hz		3564 Hz	5227	Hz	10579 Hz	15	407 Hz
Gain	3.205 dB	-2.704 dB	2.40	1 dB	-3.296 d	3 -6.4	25 dB	3.	.517 dB	5.03	35 dB	-3.216	dB	4.106 dB	3	3.040 c	iB 4.35	2 dB	4.148 dB		2.957 dB	1.611	dB	-2.968 dB		483 dB
	0.500	5.031	4.9	00	4.457	3	578		7.477	5.4	442	4.41	5	5.665		8.434	6.2	67	3.991		0.500	3.57	'4	1.485		1.426

Press the "Apply" button to send the ATMOS scene to the Aurora(n). If the Aurora(n) is using a ProTools HD (or HD2) card, then the ATMOS scene data must be saved to a microSD card. Please see:

https://www.lynxstudio.com/downloads/aurora-n/dolby-atmos-setup-with-lt-hd-cards/

**Recognized Speaker Format Names list** 

"2.0", "2.1", "2.1.2", "3.0", "3.1", "3.1.2", "4.1", "4.1.2", "4.1.4", "5.1", "5.1.2", "5.1.4", "7.1", "7.1.2", "7.1.4", "7.1.6", "9.1", "9.1.2", "9.1.4", "9.1.6"

Recognized Channel Names list

"L", "R", "C", "Sub", "Ls", "Rs", "Lrs", "Rrs", "Lw", "Rw", "Ltf", "Rtf", "Ltm", "Rtm", "Ltr", "Rtr"

Please note that the "Sub" channel must not be named "Sub/LFE" as the forward slash "/" is not allowed in a file name.