TB 06

Installation Amplifiers Speaker Library Speaker Library Version 3







ROKSAN



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The Monitor Audio speaker library for the second generation of Installation Amplifiers contains a detailed database of all of the loudspeakers commonly used with the Installation Amplifiers. This includes the Creator Series, Climate Garden and Cinergy.

The Library should be used when setting up your loudspeakers with one of the amps. It can be downloaded from the URL below or by scanning the QR code:

https://brand.monitoraudio.group/d/n8o5sDWgpzZK/document-library/show/eyJpZCI6OTUwMSwidGltZXN0YW1wIjoiMTY4NzQ0MDAxMiJ9:monitor-audio:BwNf-F8bJRkXJYg8jPLsoeUbSoHEAyGHN0bqYgEb2oI



Change Log

Cinergy: limiter settings have now been added to reduce any damage to the speakers **Climate Garden**: EQ profiles have been updated to improve tonal balance & performance

Loading the library

1. After downloading the library from the above link, navigate to the web GUI for the amplifier you wish to setup. Select "Settings", then "Speaker Library" and "Import"

	Speaker Library
🕜 Dashboard	
linput	
🕐 Zone 🗸 🗸	
🕞 Output 🗸 🗸	
Settings	
System Information	No Speaker Library
C Device	
A Backup & Restore	
Speaker Library	
O rd Security	
U Power Management	
χ Output Routing	
💮 GPIO	
品 LAN	
ଙ୍କ WIFI	CREATE IMPORT

2. Click where it says "Speaker Library File (.zcl)", select the file you have just downloaded and click on "Load"

D MONITOR AUDIO	Speaker Library
⑦ Dashboard	
④ Input	
🛞 Zone 🗸 🗸	
Gr Output V	Import Speaker Library
Settings ~	Speaker library file (*zcl)
System Information	
📼 Device	CANCEL LOAD
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MONITOR AUDIO	Speaker Library
⑦ Dashboard	
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	.回 Import Speaker Library
③ Settings	Speaker library file ("zel) Monitor Audio Speaker Library 3.zct @ 1879
① System Information	Monitor Audio Speaker Library 3.zd
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	Speaker Library
⑦ Dashboard	Name Monitor Audio Speaker Library
- Input	Version 3 CREATE EDIT IMPORT
🕐 Zone 🗸 🗸	
G→ Output ∨	



3. Next, go to "Output", then "Speaker Preset" and then "Select Preset from Library"

		1 2 3 4
⑦ Dashboard		
- Input		1 Output 1 0
	~	-40 -34 -12 -4 0 -2
G+ Output	~	(1)
Routing		Signal from Zone A Speakor is CUSTOM
▲ Deløy ▲ Equalizer		
Speaker Preset	~	笼 Speaker Preset
		No Speaker Preset Loaded
_イ 人, FIR		SELECT PRESET FROM LIBRARY
Driver Alignment		IMPORT PRESET FROM FILE
Polarity		
🖌 Limiter		EXPORT PRESET TO FILE
Output Mode		CLEAR PRESET
③ Settings	~	

4. Select the loudspeaker you are installing and the correct profile will be loaded with the right limiters and settings for that particular loudspeaker.

MONITOR AUDIO				
⑦ Dashboard	Select From Speaker Libra	гу		
- Input	✓ Cinergy			
Tone	ốc C100 IW Solid Baffle V2 ốc C100 IW Transparent Baffle V2 ốc C100 On Wall V2 ốc C200 IW Solid Baffle V2			-2.6 dB
الله Output ۲	출 C200 IW Solid Barrie V2 좋 C200 IW Transparent Baffle V2 좋 C200 On Wall V2 중 C200 Pree Standing V2			0.0 dB
Routing	‰ C300 IW Solid Baffle V2		Speaker Is CU	JSTOM
Nu Delay	窓 C300 MPM IW Solid Baffle V2 窓 C300 IW Transparent Baffle V2			
.∧. Equalizer	≋ CSub15 THX V2 ✓ Creator			
😓 Speaker Preset 🗸 🗸	v Creator ≋C1SV1			
	轰C1MV1 轰C1LV1			
	≨ C25V1			
"Å _μ FIR	愛 C2M V1 変 C2M-CP V1			
Driver Alignment				
Polarity	CANCEL	USE SELECTED	_	
🖌 Limiter				
 Output Mode 				
⟨ĝ⟩ Settings				
MONITOR AUDIO		1 2 3	✓ PRESET APPLIED	×
⑦ Dashboard		<u> </u>	4	
ூ Input	1 Output 1			
🕙 Zone 🗸 🗸 🗸	-48	-24 -12	-6 0 3	-2.9 dB
©• Output ∨	4)) .30 -24	-18 -12 -6	0 6 12 15	0.0 ав
는 Routing	Signal from Zone A		Speaker is CLG140/	CLG
Nu Delay				
	😂 Speaker Preset			
Speaker Preset				

CLEAR PRESET

If using one of the Climate Garden loudspeakers, the preset needs to be tweaked slightly because the 100v line option gets reset when loading the preset.

The same applies if the outputs are to be bridged. This will also need to be re-applied under Output Mode (not shown below).

1. Click on "Customise Preset"

	✓ PRESET APPLIED
⑦ Dashboard	
- Input	1 Output 1
📀 Zone 🗸 🗸	
Ĝ Output ✓	(1) -00 -24 -13 -12 -6 0 6 12 15 0.0 e6
ti Routing ∭ Delay	Signal from Zone A Speaker is CLG140/CLG
 ∧ Equalizer ☆ Speaker Preset 	😴 Speaker Preset
⊕ Settings ✓	Speaker Preset CLG140/CLG160V2
	CUSTOMIZE PRESET
	CLEAR PRESET

2. Click on "Output Mode" and the re-select "Hi-Z 100v"

⑦ Dashboard	
- lnput	1 Output 1
📀 Zone 🗸 🗸	-40 -24 -12 -4 0 - 3 -23 et
©• Output ∨	(1)
H Routing	Signal from Zone A Speaker is CUSTOM/ZE
No Delay	
∧ Equalizer	j Output Mode
Speaker Preset 🗸 🗸 🗸	
Crossover & Gain △ ∧ Speaker Eq △	O off Select if output is not used
,, FIR ⊖	O Lo-Z Default Output Mode for driving 4 Ohm and 8 Ohm speakers.
🕦 Driver Alignment 🛛 🛆	Hi-Z - 70V High Impedance for driving 70 Volt Speakers. Needs 2 Output Channels.
Delarity	A Hi-Z - 100V
∠ Limiter 🔒	High Impedance for driving 100 Volt Speakers. Needs 2 Output Channels.
Output Mode	OUTPUT FILTER
(§) Settings 	Enable Highpass Filter

Once the preset has been loaded all routing of the signal can be done along with any other customisation.

IMPORTANT: For the Cinergy Sub15 to meet THX requirements, it must be used with our preset profile.

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