

Cinergy

Setup with Monitor Audio
Installation Amplifiers 2G



Introduction

This document gives a step-by-step guide on how to configure the 2nd generation of IA amplifiers for use with the Cinergy range of speakers.

Supported models:

- IA60-4
- IA125-4
- IA750-2
- IA750-4

For Cinergy Sub15, the IA750-2 or IA750-4 must be used.

Requirements:

- A compatible Installation Amplifier, see 'Models' section
- A computer with an up-to-date web-browser that is connected to the same network as the Installation Amplifier
- Completed the Initial configuration as shown in the manual and have access to the amplifiers web configuration page
- A copy of the Cinergy Global pre-set file 'Cinergy Initial Setup V1.bin' the latest version is available on our website. [DOWNLOAD HERE >](#)
- A copy of the MA Speaker Library file 'Monitor Audio Speaker Library V2.zcl' the latest version is available on our website. [DOWNLOAD HERE >](#)

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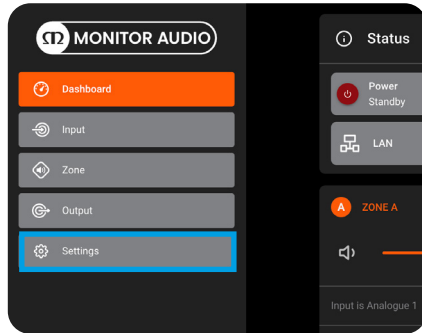
Initial Configuration for all options

WARNING: Any settings that have already been configured will be lost during this process.

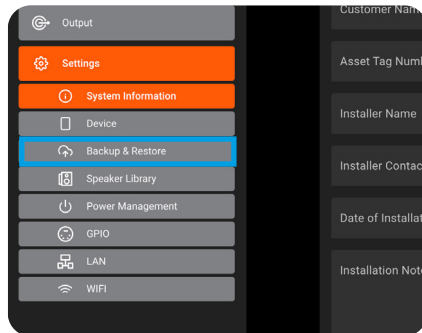
Follow the manual to connect the amplifier to your network.

Navigate to the web configurator, for example <http://192.168.4.1>

Navigate to 'Settings'



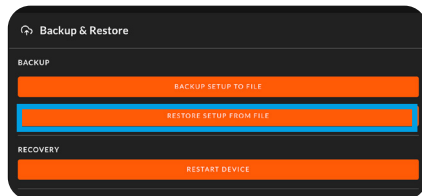
Navigate to 'Backup & Restore'



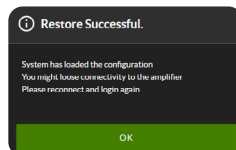
Click 'RESTORE SETUP FROM FILE'

This will open a dialog box, click 'Select Restore File' and find the global pre-set "Cinergy Initial Setup V1.bin".

Click 'RESTORE'



If the amplifier loads the configuration correctly you will receive the following notice.



For reference, or if preferred to configure manually, the configuration file sets the system up as shown in the table below:

Input	Input	Input sensitivity	Zone	Zone	Zone Volume	Output
1	Mono	+14dBu	A	Mono	0	1
2	Mono	+14dBu	B	Mono	0	2
3	Mono	+14dBu	C	Mono	0	3
4	Mono	+14dBu	D	Mono	0	4

The input sensitivity is set to +14dBu to allow for the correct THX operation with the CSub15, but also enables the inputs to accept up to 8.5V RMS before clipping. If the maximum output of the processor is known this can be reduced (Please see manual for the maximum input voltage at each input sensitivity).

Configuration for Cinergy 100, 200 or 300

It is recommended to use the appropriate EQ profile and port bung arrangement for the setup as shown in the table below. Even if the AVR/Processor can handle this, it is useful to start from a baseline that takes into account the installation, so the AVR/Processor only needs to be optimised for the room. It also means when enabling and disabling the processing on the AVR/Processor it is easier to gauge what it is correcting for.

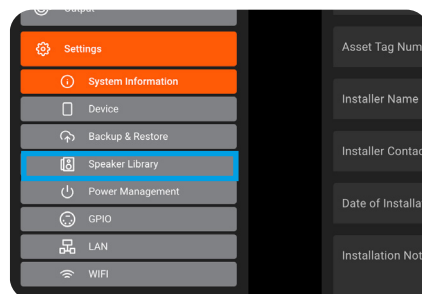
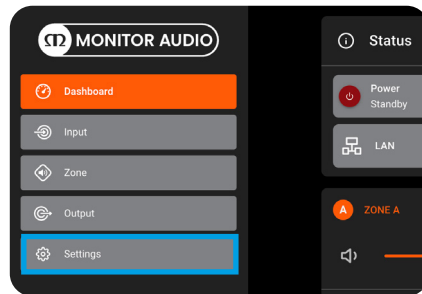
Product	Free Standing/ Transparent Baffle		In-Wall Solid Baffle		On Wall (Solid)	
	Port Bung	EQ Profile	Port Bung	EQ Profile	Port Bung	EQ Profile
C100	No	No	Yes	No	Yes	C100 On Wall
C200	No	No	Yes	No	Yes	C200 On Wall
C300 Mid Pod Top	No	No	Yes	C300 In Wall	NA	NA
C300 Mid Pod Middle	No	No	Yes	C300 In Wall MPM	NA	NA

Further Information on the different Installation types can be found in the manual.

To load a pre-set, follow these steps.

From the 'Dashboard' click 'Settings' on the left menu

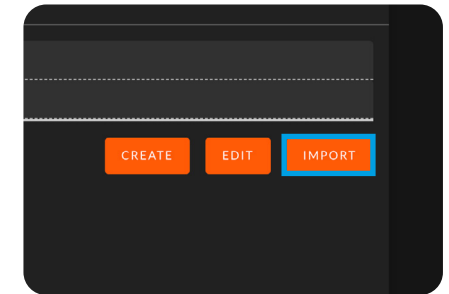
Navigate to 'Speaker Library'



Click 'IMPORT'

This will open a dialog box, click 'Speaker Library file (*.zcl)' and select the speaker library file that was downloaded from the MA website for example 'Monitor Audio Speaker Library V2.zcl'.

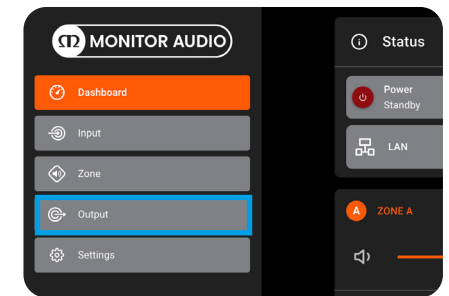
Click 'LOAD'



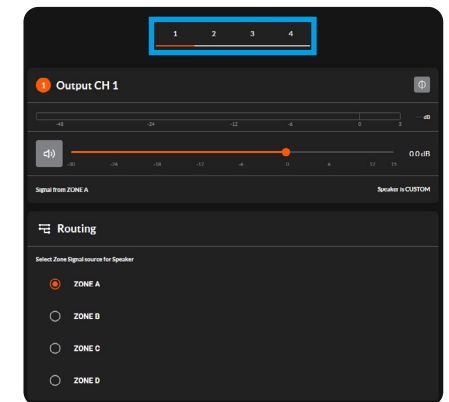
If the amplifier loads the library correctly you will receive the following notice in the top right corner.



Navigate to 'OUTPUT'

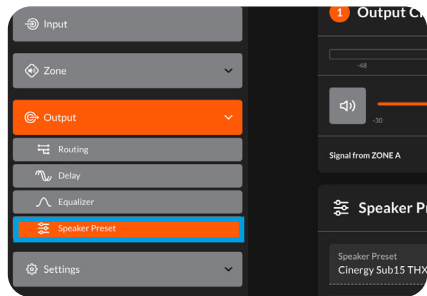


Select the correct output channel using the top centre channel selector. Each number relates to the channel number and is marked next to the loudspeaker outputs on the rear of the amplifier.

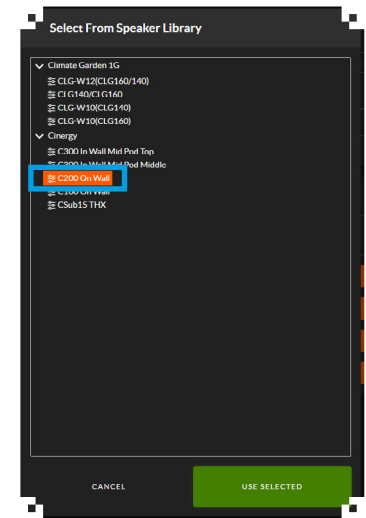


Configuration for Cinergy 100, 200 or 300

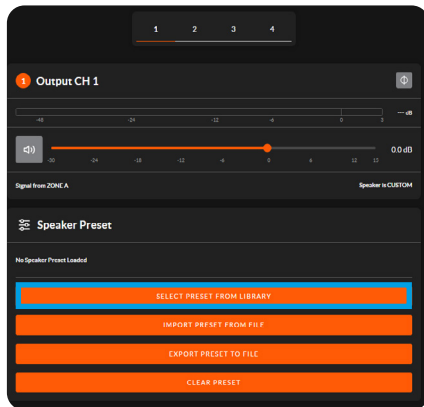
Click 'Speaker Pre-set' on the left menu



Select the speaker model that is connected to the selected channel and click 'USE SELECTED'



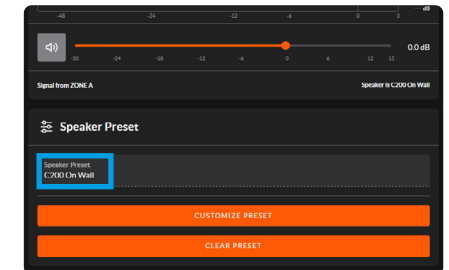
Click 'SELECT PRESET FROM LIBRARY'



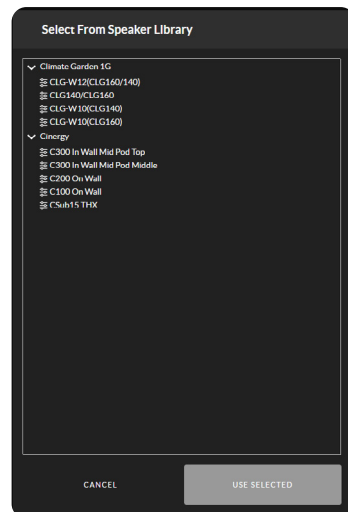
The 'Speaker Pre-set' page will update to show the selected Pre-set and the manual speaker settings on the left will disappear.

This channel has now been configured.

Repeat for each channel ensuring the correct pre-set is selected.



This will bring up a new window like this:



Configuration for Cinergy Sub15

The CSub15 is THX certified and is only for use with an IA750-2/4 or an IA800-2C. It is required to load the THX Speaker profile and preconfigure the system to the correct gain as in Initial Setup.

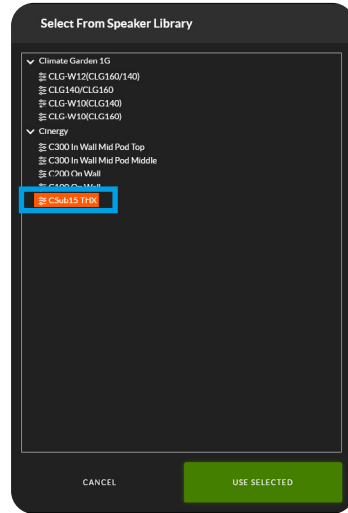
Follow the section titled 'Initial Configuration for all options'.

Follow the section titled ' Configuration for C100, C200 OR C300' however, when selecting the speaker preset from the menu select the 'CSub15 THX' preset.

This must be repeated for each channel that drives a CSub15.

An IA750-2 may drive up to two CSub15's while an IA750-4 may drive up to four.

Bridge configuration is not supported for the IA750-2/4 as a single channel is fully capable of driving the subwoofer to maximum output.



Compatibility

Please note the below table showing the default polarity of the Installation Amplifiers

Model	Polarity	Polarity Configurable	Input Clipping Voltage (V RMS)
IA750-4C	Non-Inverting	Yes	8.5 (+14dBu sensitivity), 3 (+4dBu sensitivity)
IA800-2C	Non-Inverting	No	3
IA200-2C	Inverting	No	3
IA150-8C	Inverting	No	3

To resolve a polarity mismatch, either switch the polarity in the amplifier (CI Amps 2G only: Output/Speaker Preset/Polarity), use the phase/polarity feature of the AVR/Processor, or deliberately swap the wires to speaker/sub requiring the polarity inverting.

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