

Blaze PowerZone™ Connect Speaker Presets

24 July 2023

24Jul23 Speaker Presets for Fulcrum Acoustic loudspeakers were created for Blaze PowerZone™ Connect full Matrix DSP amplifiers using the embedded web app *PowerZone™ Control*. Firmware 1.4.0 or greater is required. The Speaker Tunings use arbitrary FIR filters to implement the precise temporal (time domain) filters that are responsible for the remarkable benefits of TQ processing. For more information on TQ processing please see the *TQ Explained* and *Implementing TQ Processing* white papers on the Fulcrum Acoustic website.

Using the Presets:

- 1) Unzip the contents of “Blaze PowerZone Connect Speaker Presets 24Jul23.zip” file to an easily found location on your hard drive.
 - 2) Establish communication with the PowerZone Connect device using your web browser.
 - 3) Click the device's *Output* tab and *Speaker Preset* tab and select the desired output.
 - 4) Click *Import Preset From File*, select the desired preset from the location chosen in Step 1 above, and click *Import*.
 - 5) Confirm that the correct preset is loaded. Click *Customize Preset* to adjust the preset's high or low pass filter from factory default. This is typically done when establishing a custom crossover frequency between a full range loudspeaker and subwoofer.
 - 6) See next page for illustrations of Steps 3-5 above.
 - 7) Lather, rinse, and repeat from Step 3 to add more Speaker Presets.
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Notes:

- Bi-amplified loudspeakers require recall of two presets: an LF channel and an HF or HF_LF (coax) channel.
 - The low frequency and coaxial transducers in the DX12/15 Series, M, and L bi-amplified loudspeakers both cover the full bandwidth of the loudspeaker. The high pass filter for each transducer must be set to the same values when crossing into a subwoofer.
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Changes since last release:

This is a new release of PowerZone Connect Speaker Presets.

Please send any questions to info@fulcrum-acoustic.com , or give us a call at +1 866 234 0678 ext 1.

PowerZone CONTROL

Dashboard

Input

Zone

Output

Routing

Delay

Equalizer

Speaker Preset

Crossover & Gain

Speaker Eq

FIR

Driver Alignment

Polarity

Limiter

Output Mode

Settings

1 Output CH 1

Signal from ZONE A

Speaker is CUSTOM

Speaker Preset

No Speaker Preset Loaded

SELECT PRESET FROM LIBRARY

IMPORT PRESET FROM FILE

EXPORT PRESET TO FILE

CLEAR PRESET

output tab

speaker preset tab

output channel

import preset

PowerZone CONTROL

Dashboard

Input

Zone

Output

Routing

Delay

Equalizer

Speaker Preset

Settings

1 Output CH 1

Signal from ZONE A

Speaker is CCX1295 v3

Speaker Preset

Speaker Preset CCX1295 v3

CUSTOMIZE PRESET

CLEAR PRESET

PRESET APPLIED

confirm preset

customize preset