

## Biamp Tesira Custom Blocks

29 August 2024

29Aug24 Level 1 Custom Blocks for Fulcrum Acoustic loudspeakers were created with *Biamp Tesira Version 4.10* software. The Custom Blocks 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.

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Using the Custom Blocks:

- 1) Place the "Fulcrum Acoustic 29Aug24.tlf" file in:  
C:\Users\Your User Name\Documents\Biamp\Tesira\Processing Library
  - 2) Within Tesira software click the *Import Catalog* button in the upper portion of the Processing Library. If the Processing Library is not visible, select "View | Docking Windows | Processing Library" in the View menu.
  - 3) Select the "Fulcrum Acoustic 29Aug24.tlf" file in the pop-up window and click "Open".
  - 4) Drag the desired loudspeaker Custom Block into the Layout.
  - 5) Wire as appropriate.
  - 6) Lather, rinse, and repeat from Step 4 to add more Custom Blocks.
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### Notes:

- Each Custom Block contains a user-adjustable high pass filter and bandpass gain(s). Both are accessible by double-clicking on a Custom Block.
  - Bi-amplified loudspeaker Custom Block output gains assume all amplifier channels have the same voltage gain. If this is not possible, the User Gains in the Custom Block Layout may be adjusted to accommodate differences.
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### Changes since 10Feb23 release:

- Added RX4, RX5, RX6, and RX8 Custom Blocks.

### Changes since 18May21 release:

- Added CCX8 Series, CCX15 Series, AHC2 Series, AHC4 Series, DF4 Series, DX1277fp, FH1595, FL283 - Flat4 Boxes, GX1200, and RM28fp Custom Blocks. Updated RM25 Sub Custom Block.
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Please send any questions to [info@fulcrum-acoustic.com](mailto:info@fulcrum-acoustic.com), or give us a call at +1 866 234 0678 ext 1.

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