

SymNet Solus Super-modules

13 September 2024

13Sep24 Super-modules for Fulcrum Acoustic loudspeakers were created with *SymNet Designer V10.07* software. The Super-modules are compatible with first-generation Solus processors. They 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 Super-modules:

- 1) Unzip the contents of "Solus Super-modules 13Sep24.zip" file to:

C:\Users\Your User Name\Documents\SymNet Designer 10.0\Super-modules

Note that if you are working with a fresh SymNet Designer installation or have not yet worked with a Super Module, the SymNet Designer 10.0 and Super-module folder(s) mentioned above may not be present on your computer. In this case, open SymNet Designer and follow steps 2 and 3 below. Select "Cancel" in the "Select Super-module file to import" dialogue box. SymNet Designer will at this point create the aforementioned folders.

- 2) Click on "Super-modules" in the Design View Toolkit in *SymNet Designer* software.
 - 3) Double-click "Import super-module...".
 - 4) Select the desired loudspeaker Super-module and click "Import".
 - 5) The Super-module will appear in your Site File. Wire as appropriate.
 - 6) Lather, rinse and repeat from Step 3 to add more Super-modules.
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Notes:

- Each Super-module contains a user-adjustable high pass filter, bandpass gain(s), and bandpass limiter(s). All are accessible by double-clicking on a Super-module to open its Control Panel.
 - Super-module output gains assume all amplifier channels have the same voltage gain. If this is not possible, the amp gain trims in the Control Panel may be adjusted to accommodate differences.
 - Bandpass limiter thresholds are not engaged and should be set by user to match amplifiers.
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Changes since 21Mar23 release:

- Added RX4, RX5, RX6, and RX8 Super-modules.
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Please send any questions to info@fulcrum-acoustic.com, or give us a call at +1 866 234 0678 ext 1.