QSC Q-Sys Containers

29 August 2024

29Aug24 Containers for Fulcrum Acoustic loudspeakers were created with *Q-Sys Designer Version 9.8* software. The Containers 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 Containers:

1) Unzip the contents of "Q-Sys Containers 29Aug24.zip" file to a convenient location on your hard drive.

2) Drag the .quc files for your desired loudspeakers to:

    C:\Users\%username%\Documents\QSC\Q-Sys Designer\User Components

    Note that if you have not yet created or imported a User Component in Q-Sys the complete path mentioned above may not be present. You should manually create QSC\Q-Sys Designer\User Components *folders within the* Documents *folder and then add your loudspeaker files.*

3) Open your Q-Sys Designer file. The Containers will appear in the User Component Library on the right side of the workspace.

4) Click and drag the desired loudspeaker Container to the Schematic in the center of the workspace.

5) Wire as appropriate.

6) Lather, rinse, and repeat from Step 4 to add more Containers.

Notes:

- Each Container includes a user-adjustable high pass filter. Bi-amplified loudspeaker Containers also include bandpass gains. All are accessible by double-clicking the Container.

- Bi-amplified loudspeaker output gains assume all amplifier channels have the same voltage gain. If this is not possible, the included gain trims may be adjusted to accommodate differences.

- If you are using QSC CX-Q Network Amplifiers in your system recommended limiter settings for the Q-Sys Generic Loudspeaker block may be found inside the Containers. Recommended limiter settings are intended to provide an added measure of reliability when a system is used responsibly; not to protect against wanton abuse. *In the event of component damage standard warranty conditions apply.*

Changes since 20Jan23 release:
- Added RX4, RX5, RX6, and RX8 Containers.

Changes since 30Jun21 release:
- Added CCX8 Series, CCX15 Series, AHC2 Series, AHC4 Series, DF4 Series, DX1277fp, FH1595, FL283 - Flat4 Boxes, GX1200, and RM28fp Containers. Updated RM25 Container.

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