

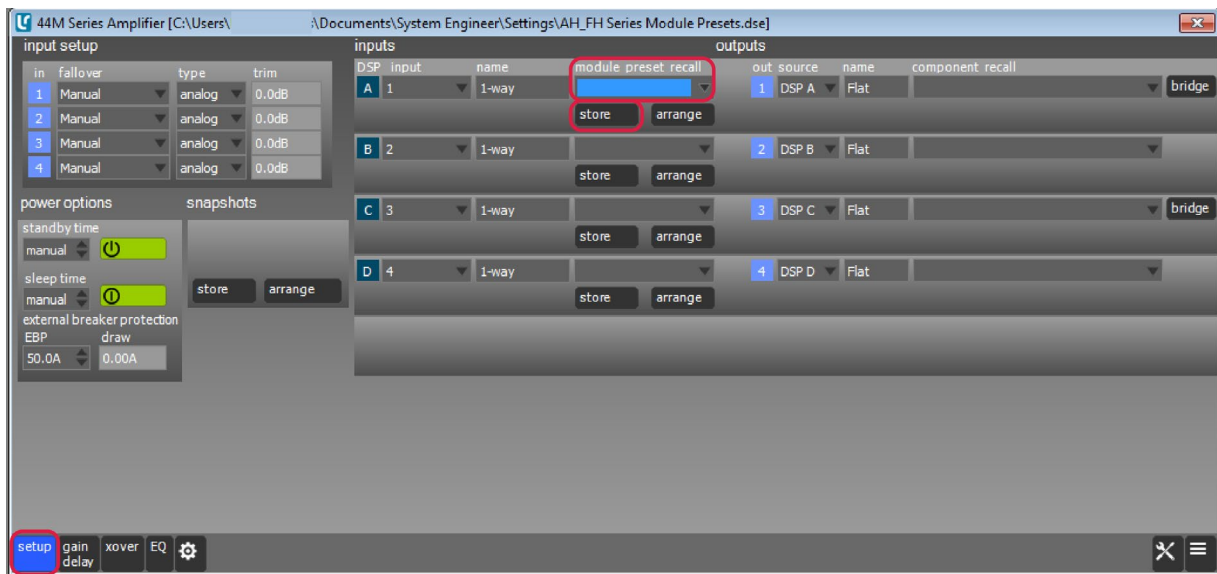
Linea Research Device Settings

20 August 2024

20Aug24 Device Settings for Fulcrum Acoustic loudspeakers were created with *System Engineer V7.03* software. Each .dse file contains presets for a family of loudspeakers, e.g. CX Series or VLF Install Series. The loudspeaker presets within the Device Settings 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.

How to use the Device Settings:

- 1) Unzip the contents of “Linea Research Device Settings 20Aug24.zip” file to:
C:\Users\User Name\Documents\System Engineer\Settings
- 2) Open System Engineer software, go online with a device, and launch its control panel.
- 3) Click *open...* in the *file* menu and select an appropriate Device Setting (.dse) file. A suite of loudspeaker presets will be loaded into preset slots 40 – 50. Existing preset slots 39 and lower will not be overwritten.
- 4) Click the device’s *setup* tab. Use an input DSP’s *module preset recall* drop down box to select and load a desired loudspeaker preset to that module. Click the *store* button to store this preset to a lower-numbered preset slot of your choosing.



- 5) Repeat Step 3 to load a Device Setting (.dse) file for a different family of loudspeakers. Repeat Step 4 to again save a desired loudspeaker preset to a slot of your choosing.
- 6) Lather, rinse, and repeat from Step 3 to add more loudspeaker presets. When you finish assembling your custom loudspeaker preset library it is good practice to click *save as...* in the *file* menu and save your own custom Device Setting (.dse) file. This file may be used to load your custom library into additional devices.

Notes:

- Limiter parameters are selected to provide optimum sound quality and a healthy measure of system protection with minimal sacrifice of maximum SPL. They 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.*
- Be sure to adjust *both* the LF and HF/LF high pass filters of a bi-amplified loudspeaker if you are crossing over into a subwoofer. Both transducers operate over the loudspeaker's full bandwidth.
- Please review the *System Engineer* help file to learn about additional device capabilities and functions.

Changes since 27Jan23 release:

- Added RX4, RX5, RX6, and RX8 Device Settings.

Changes since 14May21 release:

- Added CCX8 Series, CCX15 Series, AHC2 Series, AHC4 Series, DF4 Series, DX1277fp, FH1595, FL283 - Flat4 Boxes, GX1200, and RM28fp Device Settings. Updated RM25 Device Settings.

Changes since 16Jun20 release:

- Added CS212L and CS218L Device Settings.

Changes since 29May19 release:

- Added AH443, AH66, FA22, FA22-SM, FA22-60, FA22-60-SM, RM22, RM25, RM28, and RMS22 Device Settings. Updated FW15 Device Settings. Moved TS Series Device Settings to its own .dse file.

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