

Lake XP Module Presets for Lake Controller Software

27 September 2024

Fulcrum Acoustic Level 1 presets for Lab Gruppen PLM+ Series and D Series amplifiers plus LMX48 and LMX88 processors and are available as XP Module files (*.csm). They were created using *Lake Controller Version 8.1.2* software and are available for installation as part of the accompanying *Lake XP Modules* zip file.

These Modules 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.

To load XP Module files (*.csm) using *Lake Controller* software:

- 1) Unzip the contents of the "Lake XP Module Presets 27Sep24.zip" file to a LoadLibrary folder in:
- 2) C:\Users*<yourusername>*\Documents\Lake\LakeController_v8.1.2\Modules and EQ Overlays\
- 3) Run Lake Controller software. Add/match online amplifiers to the Main Page and wait for their settings to sync to software.
- 4) Click **Models (F3)** button then **Module Store/Recall (F8)** button.
- 5) Navigate to appropriate Module folder (e.g. "Line Array" or "TQ Install") and select desired XP Module preset.
- 6) Select target Module in an amplifier and Click the Recall (F3) button to recall Module preset to it.
- 7) Lather, rinse, and repeat from Step 5 to load more Module presets.

Notes

High pass filters for full range loudspeakers and low pass filters for subwoofers are open for editing. These filters may be found by clicking the **EQ/Levels (F2)** button and selecting the **Pre-Out EQ** tab (top left corner of screen).

Amplifier voltage gain is set to 32 dB in all Module presets.

Factory limiter settings are engaged. Their values 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.*

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

Changes since 19Jan23 release:

- Added RX4, RX5, RX6, and RX8 Module presets.