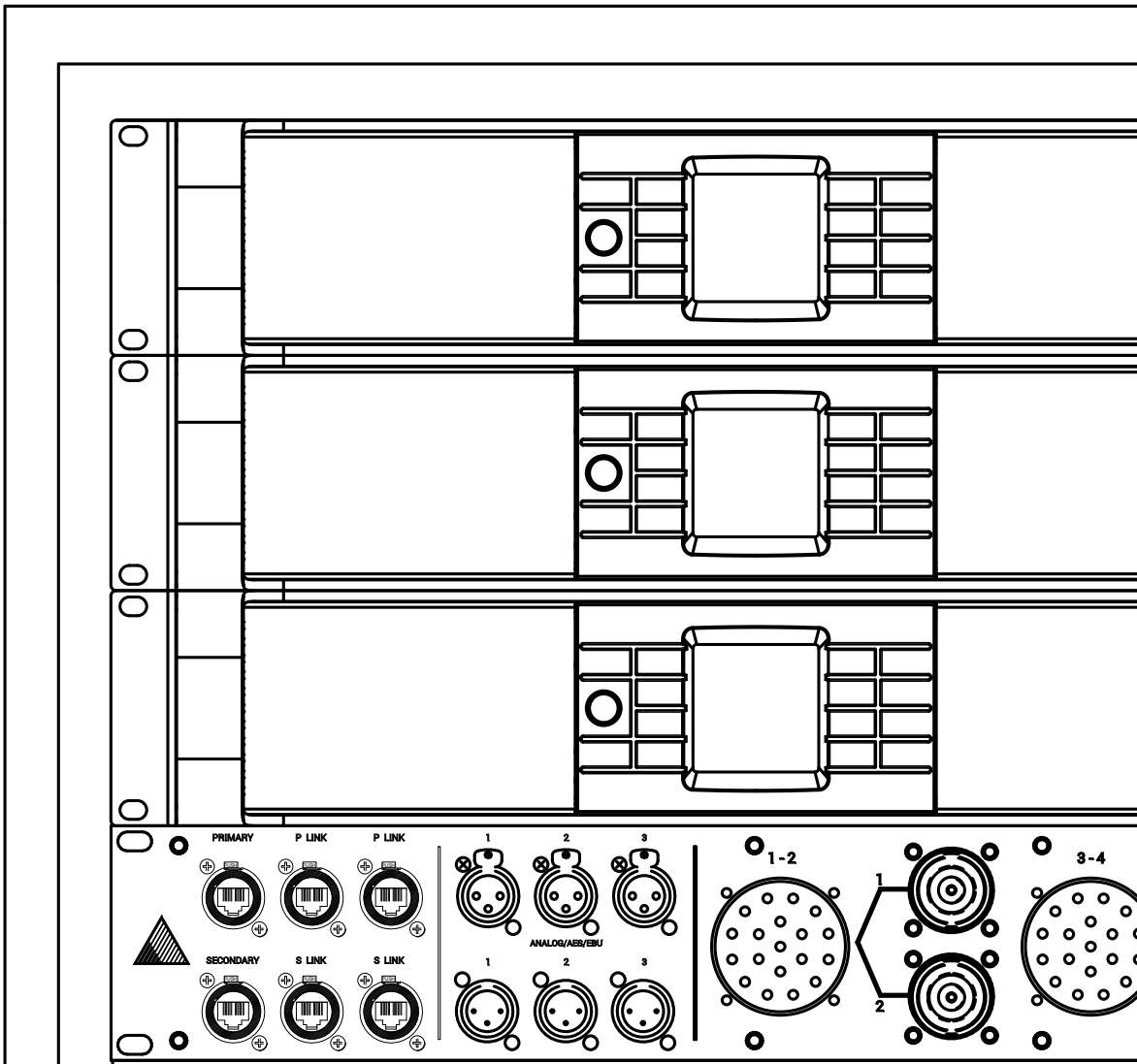
ADAMSON

Load Library
Release Notes

V5.3

Distribution Date
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Adamson Load Library Release Notes

General Information

Included Data

- Adamson load library V5.3 requires **Lake Controller v7.0.0**. or higher.
- Includes **module** and **frame presets** as well as **EQ overlays**.
- Information on loading presets and operating the Lake controller can be found in the **PLM & Lake Handbook**.
- Additional information about module presets can be found in the respective associated information text files.
- Each frame preset folder includes a **frame preset spreadsheet s**pecifying the individual output channel assignments.
- **Preset banks** for PLM12K44 and PLM20K44 include the same settings but differ in the default cabinet count for load verification. Frame presets for both 12K44 and 20K44 respectively will load to all PLM+ and D-Series amplifiers. Please check that each amplifier is capable of driving all connected cabinets.
- Maximum cabinet counts per amplifier / per circuit are specified in the **Adamson Amplification Chart**.
- For optimal ease of use it is recommended to store the load library files according to the information in the **Load Library File Storage Instructions**.
- The load library available on the Adamson web page includes additional **system files** that can be used as a workaround to use frame presets when working offline. Each system file contains one amplifier with the stated frame preset loaded to it. Use “Recall As Virtual Sub-Sys” in Lake Controller to successively add the required amount of frames to your system configuration.

Version Numbers

- Version 5.X presets are time-aligned for all E-Series, S-Series, and IS-Series line array, point source and subwoofer cabinets (linear phase and conventional crossover (CC) presets respectively) if the cabinets are placed at the same distance to the listener.
- Starting with V5.0 all new or modified (V5.X) presets use the same version number as the load library they are released in.
- Presets keep the same version number until changes are made.
- Frame preset version numbers are independent of module preset version numbers. If, for example, the patch is changed in the frame preset the version number increases even if this does not affect the module presets loaded on the frame.
- Changes to presets without V5.X numbers are not coupled to the load library version.
- The version number of the Adamson amplification chart and PLM & Lake Handbook are not matched to the load library and the file in the load library might change independently. Please check the Adamson website if in doubt.

V5.3 Release Notes

New Features:

- New naming convention for S-Series and IS-Series point source presets. "LP" extension was removed from linear phase presets. Presets utilizing a conventional crossover are now marked with "CC" instead. CC presets offer 5 ms lower latency compared to linear phase line array, point source and subwoofer presets.
- Added subwoofer presets time aligned to CC presets (5 ms less latency compared to default presets). CC subwoofer presets can be found in the respective Subs folder.

Preset Changes:

- Updated naming for S10p, S7p, IS10p, IS7p and IS7px. (V5.3).
- Added CC presets for E119 Xo60 (V5.3), E119 Xo80 (V5.3), E119 Xo100 (V1.2) E218 Xo60 (V5.3), E218 Xo80 (V2.2), E218 Xo100 (V2.2), E219 Xo60 (V5.3), E219 Xo80 (V2.2), E219 Xo100 (V2.2), IS219 Xo60 (V5.3), IS118 Xo80 (V5.3), IS119 Xo80 (V5.3), S118 Xo80 (V5.3), S119 Xo80 (V5.3).
- Updated naming to CC for IS118 Xo100 (V1.4), S119 Xo60 (V1.2), S119 Xo100 (V1.2).

Previous Versions

5.2

New Features:

- Presets for S10p / IS10p / S7p / IS7p 100° x 50° (V5.2).
- Cardioid and 3-out presets for IS219 (V5.2).
- 1-out preset for P115A (V1.0).
- Combined frame preset for S119 and S10p Xo LP 70° x 40° (V5.2) and 100° x 50° (V5.2).
- Release Notes including version history.
- Updated Adamson Amplification Chart (V5.2) and Load Library File Storage Instruction files.
- Included the updated Adamson PLM and Lake Handbook (V5.2).

Preset Changes:

- EQ changes for S10p, IS10p, S7p, IS7p and IS7px 70° x 40° (V5.2) to match 100° x 50° presets.
- S10, S10n and S7 Array Frame Presets and System Files (V5.2) changed to use both Module A/B and C/D on PLM+ Series Amplifiers. Input and output configuration stay identical.

Bug Fixes:

- Solved a problem in the PC10 Xo100 preset where two module outputs had different EQ curves
- Correct fingerprint files for all 3-out presets.

V5.1

- Skipped public release, internal revision only.

V5.0

New Features:

- New naming for E-, S- and IS-Series presets (V5.0). All line source, subwoofer and point source linear phase 5.X presets are phase aligned when positioned at the same distance. To align point source standard presets please add 5 ms of delay. Everything except the name stayed identical if not stated differently below.
- New preset for IS219 (V5.0).
- New presets for S7p, S10p, IS7p, IS7px and IS10p. Two versions of presets are available for all bi-amped cabinets. Standard and linear phase (LP) presets. The LP presets use a linear phase crossover including 5 ms of additional latency to match the phase response of E-, S- and IS-Series line array and subwoofer (xo80) cabinets. To align standard phase presets to linear phase presets 5 ms of additional delay needs to be applied.
- New EF40 preset for S118 and IS118 (V5.0).
- New initial data frame presets, allowing for soft reset without changing amplifier name.
- Adamson standard frame preset library for PLM12k44 and PLM20k44.
- Updated unified text files for all module presets of recent series.
- Updated Adamson Amplification Chart and Load Library File Storage Instruction files.

Preset Changes:

- Added load smart verification for S7, S118, IS118 (V5.0).
- New FIR3 presets for S10n and IS10n (V5.0).
- All PC-Series presets changed to V3.0 to match the presets of the IPD/IPX range.

Bug Fixes:

- Solved a problem with the S10 Array frame preset containing an old EQ curve.

V4.2

New Features:

- New file structure matching the file structure of the Lake load library.
- New presets for S10n (V3.2), IS10p (V1.0), IS7p (V1.0)

Preset Changes:

- New Xo80 presets for E119 (V1.1) including optimized crossover to S-Series line arrays.
- New presets for S10 / IS10 (V3.3) including new optimized crossovers and EQ.
- New S10 compact preset using the same limiters as all other S10 presets.
- New presets for S7 / IS7 (V1.2) using 80 Hz crossover achieving compatibility in S-Series.
- New Array Shaping overlays for S10 (V3.3) and S7 (V1.1).

Bug Fixes:

- Updated some text files stating wrong number of cabinet per amplifier.

V4.1

New Features:

- Added Load Library File Storage Instructions for ease of use.
- New presets for IS7 (V1.1), IS10 (V1.0), IS118 (V1.1), IS119 (V1.0).

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