



PRODUCT WHITEPAPER

The L-Series

The most scalable system that grows with your business

WHY THE L-SERIES?

One system for every scale of event, from a compact two-stack at a private party to a full festival array. The L-series is built so that rental companies never need to outgrow it.

Designed for rental operations and audio professionals who demand scalable, versatile sound reinforcement, the L-series performs equally in touring and permanent installation contexts. An integrated mounting system and modular architecture allow effortless configuration for any coverage requirement or SPL target, without compromising audio quality at any system size.

Every component is compatible with every other. Add modules for more output. Change subwoofer types for different low-frequency character. The system adapts to the event, not the other way around.

APPLICATION AREAS

Events vary enormously in size, and the L-series is built around that reality. A pair of line-array modules on a single subwoofer delivers a surprisingly capable compact system for weddings, corporate events, and exhibitions. Scale up with additional modules, additional subwoofers, and flown configurations for theatres, live music venues, and festivals.

All L-series components can be ground-stacked or flown. The consistent cabinet geometry and integrated rigging hardware make transitions between configurations straightforward. EASE Focus-compatible GLL files support accurate pre-deployment simulation, so engineers arrive on site with a verified plan rather than a starting point.

MODELS

Six modules across two categories: three line-array top cabinets and three complementary subwoofers. Mix and match within each category based on application requirements, all low frequency modules share identical external dimensions for consistent system geometry.

Line Source Modules

L20

2x10"/4"+2.5"

The large-format module in the L-Series, built for large-scale events and festivals. Dual 10" drivers paired with a 4"/2.5" coaxial compression driver deliver full-range reproduction with a 110°×12° dispersion pattern. Multiple modules combine in stacked or flown configurations to form coherent, high-output arrays that scale to almost any audience size.



L16

2x8"/4"+2.5"

Dual 8" drivers provide high output capability from a more portable form factor. Designed to be paired with dedicated subwoofers for full-range system performance, the right choice when power and compactness both matter.



L10

10"/2x1.75"

The L10 is a compact line array module equipped with a 10" woofer and dual 1.75" high-frequency compression drivers. The 80°×12° coverage enables precise directional control in acoustically sensitive venues. Capable of compact full-range configurations without subwoofer support in appropriate settings.



Subwoofers

Llow

2x15"

Optimised for mid-bass punch, the dual 15" configuration delivers powerful low-mid energy across the 55–260Hz range with exceptional clarity. Ideally deployed flown within the array, reducing phase issues at the crossover region and adding headroom where it matters most. Pairs with the Lsub for full-spectrum low-end coverage.



Lsub

1x21"

The deep-extension specialist. A single 21" ultra-long-excursion driver produces deep, highly tactile bass that extends the system's response into the extra octave below conventional subwoofers. Suitable for flown or stacked deployment, and frequently paired with the Llow for complete, controlled bass from 30Hz upward.



Lbass

2x18"

The versatile all-rounder. Dual 18" drivers bridge the gap between the Llow and Lsub in a single enclosure, delivering punchy mid-bass with meaningful deep extension. Less specialised than the dedicated models, its balanced performance and single-cabinet convenience make it the most practical everyday choice for rental operations.



PRESETS & SYSTEM OPTIMISATION

Quint Audio supplies DSP-presets for all L-series system configurations, loadable into P-series processors for consistent, stable performance under any condition.

A practical example: two L16 modules stacked on two Lbass subwoofers, with the appropriate preset loaded, delivers a fully measured, flat response across the whole spectrum. Adding a two extra L16 modules and switching to the adjusted preset maintains the same tonal character while significantly increasing headroom and maximum SPL. This seamless linearity, from compact stack to large array, is the foundation of the L-series system approach.

SYSTEM SIMULATION

EASE-Focus compatible GLL data files are provided for all L-series modules. These enable full simulation of coverage patterns, SPL, frequency response, and array behaviour in EASE Focus 3 software, before a single cable is applied on site.

GLL files are available from the support section of the Quint Audio website and from the AFMG EASE Focus website. Quint Audio is available to provide guidance on simulations and custom optimisations for specific venues or configurations.

KEY BENEFITS

Five reasons the L-series is the right long-term investment for any rental operation:

Maximum scalability

Start with a compact two-module stack and scale to a full festival-grade array without changing systems. Every L-series component is compatible and additive, more modules means more output, not more complexity.

Broad applicability

From intimate corporate presentations and weddings to high-energy festival productions, the L-series covers the full event spectrum with a single, coherent system.

Cost efficiency

One platform addresses all requirements. Equipment utilisation is maximised because every module applies across event types and sizes, delivering strong long-term return on investment.

System simulation

EASE Focus-compatible GLL data files enable precise pre-deployment simulation of coverage, SPL, frequency response, and array performance. Plan exactly before you arrive on site.

Fast, safe, toolfree rigging

An integrated mounting system with consistent geometry across all modules enables quick, safe configuration. Pre-programmed DSP presets complete the setup, professional results with minimal on-site effort.

The L-series is a future-proof platform, one system that handles today's events and tomorrow's ambitions, without requiring different equipment as requirements grow.

Explore the full L-series range at www.quintaudio.com, or contact your regional Quint Audio distributor.

Scalable. Flexible. Future-proof.

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www.quintaudio.com