



quint audio

PRODUCT WHITEPAPER

The B-Series

Compact subwoofers with significant impact

WHY THE B-SERIES?

Maximum low-frequency performance from remarkably compact enclosures, without compromise on linearity, build quality, or real-world usability.

Every B-Series model is tuned for linear response, ensuring natural, rumble-free bass reproduction with minimal distortion even at the highest sound levels. Custom-optimised woofers are designed in-house by Quint Audio and built by leading specialists. Enclosures are crafted from high-grade multi-layer birch plywood with durable road-ready finishes.

The standout B16C introduces true cardioid bass performance in a single cabinet, reducing rear radiation by over 25dB across its operating bandwidth, without the complexity of multi-unit arrays. Practical details like integrated M20 pole mounts and both Speakon NL4 and NL8 connectors complete a range built for the real world.

APPLICATION AREAS

The B-Series provides the essential low-frequency foundation for any PA system, delivering musical, deep, and impactful bass that top cabinets alone cannot achieve. Designed to integrate seamlessly with Quint Audio top cabinets and P-Series processors. This ensures full-bandwidth reproduction in any format.

In smaller setups, a single subwoofer adds immediate punch and fullness. In larger systems, multiple units combine into controlled bass arrays for concerts and festivals. The range scales from intimate club installs to outdoor stages, with consistent tonal character and predictable behaviour throughout.

MODELS

Five models, one design philosophy: compact enclosures that deliver more than their size suggests. Each is factory-presets ready for immediate use with P-Series processors.

B10

10" Subwoofer
Ultra-compact

Maximum portability, genuine low-end. The B10 delivers surprising extension and SPL from an ultra-compact enclosure, ideal for portable PA systems, space-constrained events, and installations where footprint is critical. A tilted woofer design enhances both compactness and ease of transport without sacrificing bass output.



B15

15" Subwoofer
All-round

The versatile workhorse of the range. The B15 combines a minimal footprint with powerful bass output, pairing equally well with mid-sized top cabinets for balanced full-range sound in live bands, theatres, and AV applications. A reliable, scalable foundation for small to medium-sized systems.



B16C

15"/12" Cardioid

True directional bass in a single cabinet. The B16C uses a dual-driver cardioid configuration to project low frequencies forward while reducing rear radiation by over 25dB across its operating bandwidth, delivering the directivity control that normally requires complex multi-unit arrays. Ideal wherever bass spill is a problem.



B18

18" Subwoofer
High-power

The series workhorse for demanding applications. The B18 delivers deep, impactful bass with excellent extension and high maximum SPL, equally suited to energetic music, touring, and large-venue installations. Scalable individually or in stacks, it also supports cardioid configurations.



B21

21" Subwoofer
Extended bass

More power, more depth, in a remarkably compact enclosure. The B21 extends low-frequency reproduction further than the B18 while maintaining the footprint efficiency that defines the B-Series. Ideal for rental companies and theatres seeking extended bass reach without resorting to oversized cabinets.



PRESETS & SYSTEM OPTIMISATION

Quint Audio provides dedicated DSP presets for all B-Series subwoofers via P-Series processors. Each preset delivers precisely aligned crossovers, EQ, and phase, plus advanced loudspeaker power and excursion protection that maximises dynamics without risking driver damage.

When scaling up by adding units, the low end increases predictably while maintaining uniformity and tightness. This approach minimises on-site tuning effort and ensures consistent sound quality whether the system runs one unit or a full bass array.

KEY BENEFITS

Five reasons the B-Series belongs in your system:

Ecosystem compatibility

Full integration with Quint Audio top cabinets and P-Series processors. Factory-aligned crossovers and phase settings mean the system is coherent from the first preset load.

Touring & installation

From a single sub adding warmth to a small venue to large bass arrays at festivals, the B-Series covers the full range of professional applications without compromise.

Plug-and-play setup

Dedicated P-Series DSP presets for every model provide optimal crossover, EQ, and phase alignment out of the box. Pole mounts and Speakon connectors streamline rigging and cabling on site.

Predictable scalability

Adding units increases low-end output predictably while maintaining uniformity and tightness. Consistent sound quality from a single subwoofer to a full bass array, without rebalancing the system.

Built to last

Custom-optimised in-house woofers, high-grade multi-layer birch plywood enclosures, and durable finishes. The B-Series is engineered for sustained high-SPL operation in demanding touring and installation environments.

The B-Series is built on a clear principle: compact subwoofers that perform like larger cabinets, integrate like system components, and hold up like professional touring gear, show after show, installation after installation.

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

Deep. Compact. Precise.

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www.quintaudio.com