

## The A-Series

Compact amplifiers tailored to your system





quint audio

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## Why the A-Series?

The A-Series represents Quint Audio's commitment to in-house development of the entire signal chain, processors, amplifiers, and loudspeakers, ensuring seamless integration and optimal performance across all components. This unified approach is the key to achieving maximum results, with every element precisely tuned to work in perfect harmony.

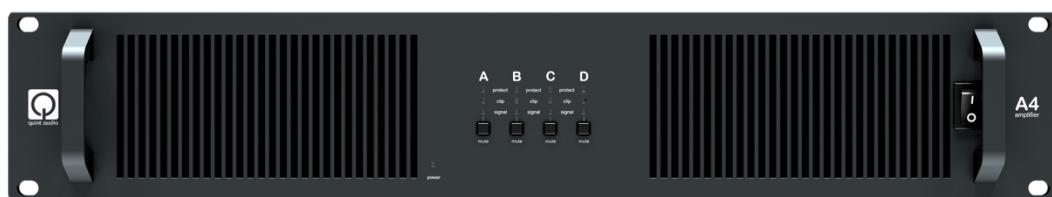
At its core, the proprietary A-Series amplifiers deliver exceptionally low distortion, a wide dynamic range, and ample power tailored specifically for Quint Audio loudspeakers. The result is superior sound quality, reliability, and efficiency.

This integrated design greatly simplifies installation and configuration for end users and integrators alike. Pre-configured DSP filters, power settings, and comprehensive protections create a consistent, time-saving platform that streamlines management, support, and day-to-day operation.

## Models

The A-series includes the following models:

- **A4:** A 4 × 1600 W (8 Ω) Class-D amplifier optimised for applications requiring substantial power and maximum sound quality, such as reference systems, clubs, or home studios. Despite its compact design, it maintains tonal purity. Intended for use with P-series processors, each output includes sense lines that measure cable resistance and compensate for signal loss to preserve optimal performance.





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- **A6:** A  $6 \times 500 \text{ W}$  ( $8 \Omega$ ) six-channel Class-D amplifier suited to moderately powered hi-fi or monitor applications, including medium-sized venues and multi-room installations. When paired with a P-series DSP, it delivers highly dynamic, distortion-free sound. For high-power bi-amping, two outputs can be bridged, resulting in a configuration of  $2 \times 1000 \text{ W}$  and  $4 \times 500 \text{ W}$  – ideal for compact systems.



- **A23:** A  $2 \times 3000 \text{ W}$  ( $8 \Omega$ ) two-channel amplifier with an outstanding power-to-weight ratio. It is particularly well-suited to subwoofer drive or large touring and theatre systems, effortlessly handling heavy loads, supported by a universal PFC power supply.



- **A41:** A  $4 \times 1000 \text{ W}$  ( $8 \Omega$ ) four-channel amplifier offering substantial power per rack unit. Ideal for driving top cabinets or clusters, it provides high clarity and clean reproduction, supported by a universal PFC power supply.



- **A42:** A  $4 \times 2000 \text{ W}$  ( $8 \Omega$ ) four-channel amplifier designed for demanding high-power applications, such as large concert environments or installations requiring maximum output. High efficiency ensures cool and reliable operation, supported by a universal PFC power supply.





## **Presets and System Optimisation**

A-series amplifiers integrate seamlessly with P-series processors. Factory presets are provided for each Quint Audio loudspeaker model, ensuring optimal alignment between DSP settings and amplifier curves. This enables users to achieve a linearly corrected system with minimal effort. The combination of DSP correction and Class-D amplification results in exceptionally low distortion and linear response across phase, dynamics, and frequency – delivering superior sound quality, consistency, and straightforward configuration across different venues and setups.

## **Application Areas**

The A-Series is highly versatile and suitable for both touring and fixed installations. Their modern Class-D technology ensures a powerful, clean signal with outstanding efficiency and low heat generation across all applications. Designed to integrate seamlessly within the Quint Audio ecosystem, they can be combined in any configuration with Quint Audio loudspeakers and P-Series processors/controllers.

The Quint Audio A-Series amplifiers are engineered for real-world reliability in the most demanding professional environments. Robust protection circuits further guarantee reliable, long-term performance in any environment. Their high-efficiency Class-D design, delivers exceptional power density in a compact 1U or 2U rack format while keeping weight to a minimum, making them ideal for touring when maximum performance with minimal load-in effort and hassle is needed.

The A4, and A6 (in 2U format) are particularly well-suited for fixed installations due to their exceptionally quiet operation (ultra-low-noise cooling) and refined power management, yet they remain rugged and dependable on the road when required.



### Key Benefits

- **Compatibility:** Full integration within the Quint Audio ecosystem for effortless combination with loudspeakers and controllers.
- **Ease of Use:** intuitive controls and matched gain levels between amps simplify installation and tuning.
- **Compactness and Efficiency:** High power output in a lightweight, space-saving design with low power consumption.
- **Reliability:** Comprehensive protection circuits safeguard equipment under demanding conditions.
- **Unified Management:** Consistent firmware, and interfaces facilitate maintenance, support, and future scalability.

In summary, the A-series from Quint Audio provides high-quality amplification solutions for a wide range of applications, from touring to permanent installations.

For more information or to explore the full A-series range, please visit the Quint Audio website.