



PRODUCT WHITEPAPER

# The A-Series

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Compact amplifiers tailored to your system

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## WHY THE A-SERIES?

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The A-Series is Quint Audio's case for building the complete signal chain in-house. When the amplifier, processor, and loudspeaker are designed to work together, the results speak for themselves.

Proprietary Class-D amplification delivers exceptionally low distortion, wide dynamic range, and power output precisely matched to Quint Audio loudspeakers.

## APPLICATION AREAS

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The A-Series covers the full spectrum of professional audio applications. Modern Class-D technology delivers powerful, clean amplification with outstanding efficiency and low heat generation, whether the system is touring or permanently installed.

The A4 and A6 are particularly well-suited for high-end installations. Their ultra-low-noise cooling and refined power management make them virtually inaudible in sensitive acoustic environments, yet they remain equally dependable on the road.

The A23, A41, and A42 address high-power touring and large-scale installation requirements, combining serious output with a weight and footprint that makes load-in practical.

## MODELS

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Five amplifiers. One coherent platform. Every A-Series model is engineered to integrate seamlessly within the Quint Audio ecosystem, with matched gain levels and consistent interfaces across the range.

### A4

4×1600W/8Ω  
Class-D

A four-channel Class-D amplifier optimised for applications demanding substantial power and maximum tonal purity for reference systems. Intended for use with P-Series processors, each output includes sense lines that measure cable resistance and compensate for signal loss, preserving optimal performance regardless of cable run length.



## A6

6×500W/8Ω  
Class-D

A six-channel Class-D amplifier suited to moderately powered hi-fi and monitor applications: medium-sized venues, multi-room installations, and studio environments. Paired with a P-Series DSP it delivers highly dynamic, distortion-free sound. Two outputs can be bridged for high-power bi-amping, resulting in 2×1400W and 2×500W, ideal for compact bi-amplified systems.



## A23

2×3000W/8Ω  
Class-D

An outstanding power-to-weight ratio makes the A23 the natural choice for subwoofer drive or large touring and theatre systems. Its universal PFC power supply handles heavy loads effortlessly across all mains voltages, and robust protection circuits ensure long-term reliability under sustained high-demand conditions.



## A41

4×1000W/8Ω  
Class-D

Four channels of substantial power per rack unit, engineered for driving top cabinets and speaker clusters with high clarity and clean reproduction. Universal PFC power supply included. The A41 strikes the right balance between channel count, power, and footprint for most mid-scale touring and installation applications.



## A42

4×2000W/8Ω  
Class-D

Maximum output for demanding high-power environments: large concert rigs, ambitious fixed installations, and anything that requires absolute headroom. High Class-D efficiency ensures cool, reliable operation even under sustained load, supported by a universal PFC power supply and comprehensive protection circuitry.



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## KEY BENEFITS

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Five reasons the A-Series is the right amplification platform for Quint Audio systems:

### **Ecosystem compatibility**

Full integration with Quint Audio loudspeakers and P-Series processors. Any A-Series amplifier combines cleanly with any Quint Audio loudspeaker, no guesswork, no mismatches.

### **Power density**

High output in 1U and 2U rack formats, with low weight and minimal heat generation. Class-D efficiency that doesn't compromise on audio quality, serious power without the bulk.

### **Built-in reliability**

Comprehensive protection circuits safeguard the amplifier and connected loudspeakers under any operating condition. Designed for professional environments where failure is not an option.

### **Unified platform**

Consistent interfaces and gain structure across all A-Series models. Streamlined maintenance, straightforward support, and a clear upgrade path as systems grow.

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## PRESETS & SYSTEM OPTIMISATION

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A-Series amplifiers integrate natively with P-Series processors. The combination of DSP correction and Class-D amplification delivers exceptionally low distortion and linear response across phase, dynamics, and frequency, consistent performance across different venues, setups, and operators.

The A-Series is built on one principle: when every element of a system is designed to work together, the performance ceiling goes up and the configuration effort goes down.

Explore the full A-Series range at [www.quintaudio.com](http://www.quintaudio.com), or contact your regional Quint Audio distributor.

**Powerful. Efficient. Integrated.**

By Quint Audio BV · Wintelre · the Netherlands

[www.quintaudio.com](http://www.quintaudio.com)