



PRODUCT WHITEPAPER

# The R-Series

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State-of-the-art reference system for demanding applications

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## WHY THE R-SERIES?

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The R-Series was born from a single demand: a true professional reference system.

The result is a loudspeaker line engineered for environments where capturing every nuance is paramount. Exceptional detail, transparency, and neutrality, the R-Series is the ideal choice for applications that demand the highest levels of sonic accuracy and fidelity, from theatre and opera to television studios and premium live music venues.

At the heart of the system is a custom 5" planar Air Motion Transformer with a proprietary lens and horn, providing superior vertical dispersion. Unlike conventional cylindrical AMTs, R12 delivers authentic point-source performance with wide, consistent high-frequency coverage.

## APPLICATION AREAS

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The R-Series is developed for high-end applications where audio quality is the primary criterion, theatres, opera houses, television studios, and premium live music venues. With a maximum SPL of 125 dB, the system operates at levels surpassing top-tier hi-fi, prioritising accuracy over quantity.

Suitable for both mobile productions and permanent installations, the R-Series places uncompromising sound fidelity at its core. The R12 operates as a complete standalone system; together with the R-Sub it forms a full reference system with extended bass reach. Both components integrate seamlessly with other Quint Audio modules for expanded configurations.

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## MODELS

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Two components, one reference system. The R12 and R-Sub are designed to work together as a complete solution, and each can operate independently or in combination with other Quint Audio products.

### R12

12"/5"AMT

A fully linear, point-source full-range cabinet engineered without compromise. The 12" woofer pairs with a 5" Air Motion Transformer fitted with a custom lens and horn. Consistent, neutral reproduction on any level.



### R-Sub

1x21"

Where the rest of the Quint Audio range emphasises compact efficiency, the R-Sub prioritises unrestricted low-frequency performance. A 21" ultra-long-excursion neodymium driver in an optimised enclosure delivers exceptionally deep, controlled bass without distortion. Pairs seamlessly with the R12, or integrates with other Quint Audio components.



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## PRESETS & SYSTEM OPTIMISATION

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All R-Series loudspeakers are supplied with tailored DSP presets ensuring linear frequency response in any configuration, standalone or combined.

The R-Series requires integration with Quint Audio P-series processors and high-end A4 or A6 amplifiers. This combination delivers distortion-free, powerful amplification that unlocks the system's full potential through precise filtering, gain, and loudspeaker protection.

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## KEY BENEFITS

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Four reasons the R-Series stands apart in professional audio:

**Reference-level fidelity**

No concessions in component selection, construction, or tuning. The R-Series is engineered for environments where capturing every nuance is paramount, theatres, opera houses, studios, and premium live venues.

**True point-source HF**

Quint Audio's custom AMT lens and horn technology converts planar AMT output into a spherical dispersion pattern, delivering authentic wide-dispersion high-frequency coverage without compromise to signal integrity.

**Future-proof design**

Timeless industrial aesthetics engineered for lasting relevance. The R-Series performs in both fixed installations and mobile productions.

**Plug-and-play precision**

Factory presets load a fully optimised, linearly corrected system immediately. Advanced control for experienced engineers, with the simplicity to support rental operators and less experienced users alike.

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The R-Series offers something unique in professional audio: hi-fi-grade reference quality in a system engineered for the real demands of professional deployment. Uncompromising fidelity, without compromising usability.

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

**Detail. Transparency. Fidelity.**

By Quint Audio bv · Wintelre · The Netherlands

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