

TRINNOV
AUDIO

ALTITUDE | PLATFORM

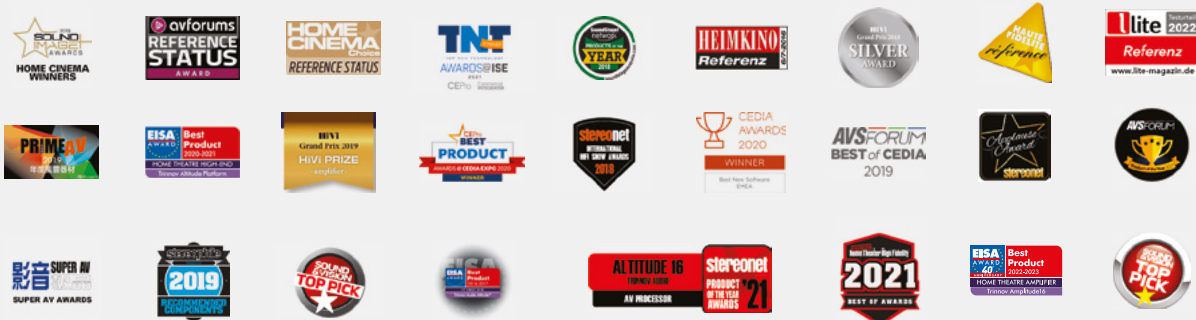
PROVEN, EVOLVING, UNMATCHED



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TRINNOV

AUDIO



MADE IN FRANCE



TRINNOV
AUDIO

ALTITUDE^{CI}

Power

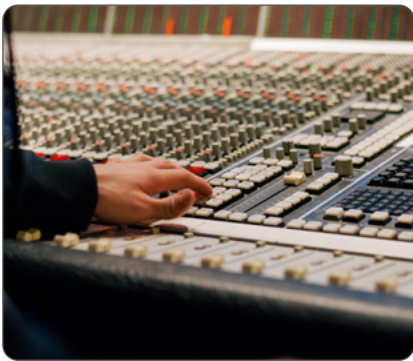
Pioneering Sound, Trusted Worldwide

For over 20 years, Trinnov Audio has been advancing the science and experience of sound. Founded in Paris and now active worldwide, our multidisciplinary team of engineers and acousticians delivers innovations across three major markets:

Professional Studios – over 6,500 studios worldwide rely on the Optimizer™ to shape the music, film, and broadcast content you hear every day.

Commercial Cinemas – thousands of theaters around the world trust Trinnov processors to deliver reference-grade soundtracks.

High-End Residential – the Altitude platform redefined private home theaters, setting a new benchmark for immersive performance.



Professional Studios



Commercial Cinemas



High-End Residential

The World's Most Awarded AV Processor Platform

Chosen for the world's finest private cinemas, the Altitude has been inducted into the **CEDIA Product Hall of Fame** and featured in more than **30 award-winning projects**. With over **6,000 high-end installations worldwide**, it remains the industry's reference platform.

Unlike any other processor, Altitude owners benefit from a **unique promise of longevity**: over a decade of continuous innovation and free software upgrades, keeping systems at the cutting edge year after year.



2015

10 Years. 0 Paid Updates. 100% Committed

2025

Exclusive Trinnov Technologies

What makes Trinnov different is not only its software-based platform, but breakthrough algorithms developed entirely in-house. These patented technologies ensure performances that no other processor can match.

Optimizer™ – The industry’s most advanced loudspeaker and room correction system. Optimizer™ analyzes the acoustic environment in 3D and precisely calibrates each speaker’s phase, level, delay, and EQ to deliver reference-grade clarity and imaging.

WaveForming™ – Trinnov’s revolutionary low-frequency control technology eliminates standing waves and room modes by synchronizing multiple subwoofers. With WaveForming™, bass becomes tighter, more impactful, and far more consistent throughout the listening space.

Remapping™ – Unique to Trinnov, Remapping™ intelligently corrects speaker placement discrepancies and optimizes rendering of immersive formats, ensuring accurate spatial reproduction even when room constraints affect ideal speaker positioning



Universal Features

- Full native decoding of **Dolby Atmos**, **DTS:X Pro**, **Auro-3D**, and **IMAX Enhanced**
- Full **upmixing of legacy content** with Dolby Surround, DTS Neural:X and AuroMatic
- High-resolution music playback with **Roon Ready** certification and **Audirvana** support
- **my.trinnov.audio** remote servicing platform for monitoring, updates, and support
- **Integration & control** – IR, RS232, IP, triggers, and drivers for all major automation platforms.
- **Free software updates**, ensuring your system continues to evolve with new features



ALTITUDE³²

The Altitude³² remains the reference point for high-end immersive audio. Bridging the gap between audiophiles and home theater enthusiasts, it delivers unmatched processing power, connectivity, and configurability.

- Available in 8, 16, 24, and 32-channel versions, each expandable by +4 channels, and up to 48 channels with the Altitude⁴⁸ extension.
- Unrivaled analog and digital connectivity, from XLR to DB25, ensuring seamless integration in any HiFi or cinema system.
- Native 192kHz processing for up to 24 channels, with the power to manage up to 48 channels in large-scale theaters.
- Perfect for both music lovers and cinema enthusiasts, with unique features like WaveForming™ bass optimization for 2-channel and seamless multi-subwoofer integration.
- A true long-term investment: continuously updated since 2014, with every owner benefiting from free software upgrades.



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With unrivalled power, connectivity, and upgradability, the Altitude³² is the definitive choice for those who demand nothing less than the best.

ALTITUDE¹⁶

Since its introduction, the Altitude¹⁶ has become Trinnov's best-selling home theater processor, bringing the uncompromised Altitude experience to a wider audience.

- Includes 16 balanced analog outputs and supports up to 20 discrete channels with the free +4 software option.
- Natively processes high-resolution 24-bit/96kHz audio with the same architecture and sound quality as the Altitude³².
- Perfectly suited for dedicated theaters and media rooms, supporting immersive layouts such as 9.4.6.
- WaveForming™ ensures reference-level bass performance, even in challenging rooms.
- The ideal balance of performance, flexibility, and value, making world-class immersive audio attainable.



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Compact yet uncompromising, the Altitude¹⁶ brings Trinnov's reference performance within reach of more home theater enthusiasts.

ALTITUDE^{CI}

Altitude^{CI} represents the evolution of the Altitude platform, purpose-built for the realities of custom installation.

- Compact 2U chassis, scalable from 8 to 32 channels (64 build-to-order).
- Designed for digital-first and networked systems, with native Dante® and AES67 for seamless integration with modern amplifiers.
- Hybrid routing allows simultaneous use of AoIP, AES/EBU, and 8 analog outputs for subwoofers or traditional speaker systems.
- Front-panel touchscreen and redesigned UI for faster setup, guided calibration, and simplified daily use.
- The perfect match for Trinnov's Amplitude¹⁶ with optional Dante input board, enabling a fully digital signal path from source to amplifier.

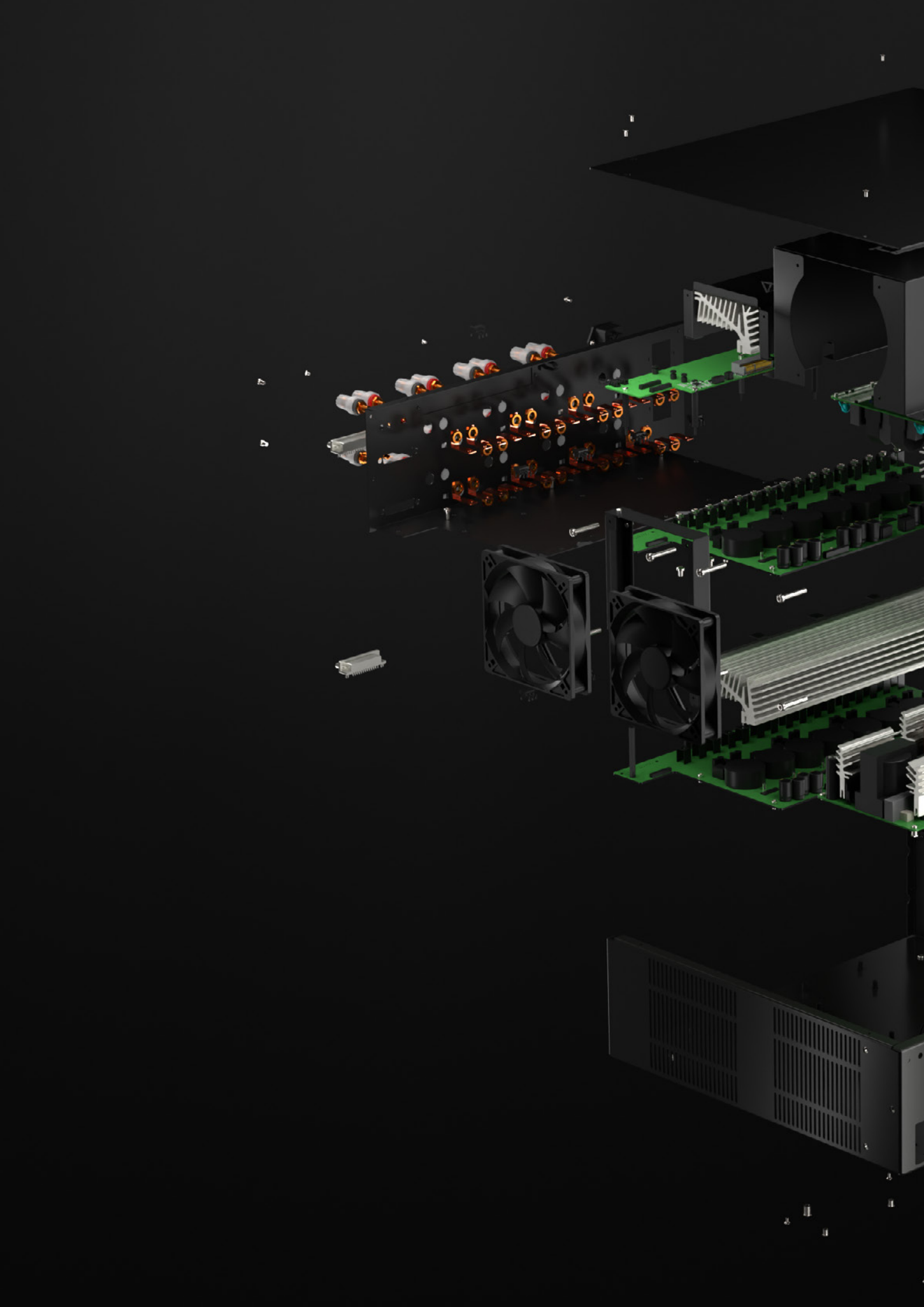


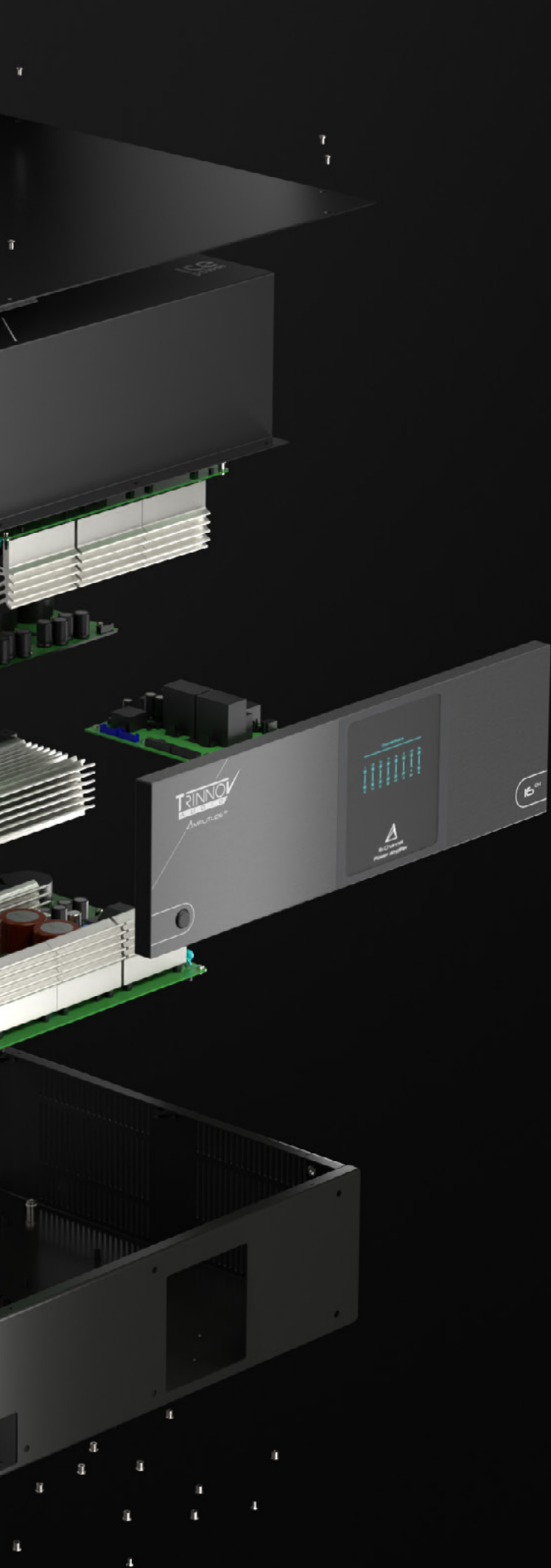
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Purpose-built for integrators, the Altitude^{CI} extends the Altitude legacy into fully digital, networked, and hybrid installations.

Which Altitude is Right for You?

Feature	Altitude ¹⁶	Altitude ³²	Altitude ^{CI}
Foundation	Analog-first	Analog-first	Digital-first
Ideal Use Case	High-performance home theaters up to 20 channels	Reference-grade private cinemas with high channel counts	AoIP-centric or hybrid installations, rack-space limited
Chassis	3U	3,5U	2U
Max audio Outputs	20 (16 +4)	36 (expandable to 48 with Altitude ^{48ext})	32 (64 build-to-order from 2026)
Analog Outputs	16 balanced XLR	Up to 32 balanced via DB25	8 balanced XLR
HDMI Inputs	8 (HDMI 2.1)		4 (HDMI 2.1)
HDMI Outputs	2 (HDMI 2.1, ARC/eARC on Output 1)		
Audio over IP	-	-	Native Dante® + AES67
Network Architecture	Standard Ethernet (control & updates)	Standard Ethernet (control & updates)	3 Ethernet ports (RJ45 + SFP) with various configuration possible
Sampling Rate	Native up to 96kHz	Native up to 192kHz (up to 24 channels)	Native up to 192kHz (depending on channel count, AoIP limitation)
User Interface	Trinnov's Brand New User Interface		
3D Microphone	XLR		Ethercon
Flexibility & Scalability	+4 channel expansion	+4 up to 36, expandable to 48 channels with Altitude ^{48ext}	Scalable via software license in 2-channel steps
Perfect match with Amplitude ¹⁶	Gain-matched, ensuring low noise and full dynamic range. Analog connection		Direct Dante connection for a fully digital signal path from processor to amplifier





ONE PLATFORM. EVERY PROJECT

From compact media rooms to the most ambitious private cinemas, there is an Altitude for every vision. Whatever the scale, you benefit from the same proven platform, trusted worldwide for over a decade.

Choosing Trinnov means more than buying a processor. It means:

- **Future-proof value** - continuous software updates at no cost.
- **Expert support** - integrators backed by the world's best service team.
- **Trusted performance** - the Altitude platform is the reference for immersive sound, selected in thousands of award-winning projects.

FIND A DEALER NEAR YOU



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