

KPRA14+

2U RACK EXPANDABLE AMPLIFIED MATRIX, 8X8 DANTE CH WITH IEB PRO, 4X600W @ 2 OHM

KPRA14+

The Prisma-KPRA14+ is a powerful amplifier and processing platform delivering 4x600W@2?. With native support for up to 8x8 Dante channels, it offers an exceptional level of connectivity and control for demanding installations.

With the optional accessory K-PRIN4, Prisma-KPRA14+ is expandable with 8x analog inputs channels, allowing for advanced configuration and powerful signal distribution through dedicated routing and matrices capabilities.

Here, the robust power of the Kommander series seamlessly integrates with the versatility and modularity of the Prisma line: this union delivers dedicated control for a diverse range of applications across sectors, from hospitality to residential to corporate environments.

The Prisma-KPRA14+ is equipped with the internal DSP and matrix functions that is easily accessible and controlled by our dedicated Web-app, mobile apps and desktop software, providing a complete and reliable solutions.

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DSP

Dante™ Digital Audio Class-D

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HIGHLIGHTS



MODULAR INTELLIGENCE FOR PROFESSIONAL AUDIO CONTROL

Prisma-KPR is an advanced audio matrix designed for high-end professional audio systems. Engineered with a modular architecture, it offers maximum expandability, full configurability, and seamless integration into both fixed installations and large-scale networked audio environments.

CONFIGURABLE I/O, DANTE™ NETWORKING, AND INTEGRATED CONTROL

The PRISMA family offers versatile models with I/O options ranging from 0x0 up to 8x8 balanced analog channels, plus 8x8 Dante™ channels supported by an onboard managed switch for seamless network integration. Integrated GPIO ports provide external control and automation capabilities. Four powered versions deliver output powers of 4x50W, 4x150W, 4x300W, or 4x750W.



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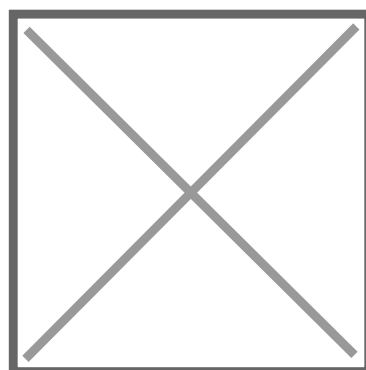


THE CORE OF POWER AND INTEGRATION

At its core lies the IEB-PRO, powered by OsKar+ — the native K-array operating system — engineered to provide advanced networking capabilities, signal routing, and system control. Paired with a powerful DSP for high-precision signal processing, it ensures optimal performance in demanding audio environments. The platform offers streamlined control and management via an the onboard Web App, along with intuitive access and seamless configuration through K-Connect and K-Control.

RELIABLE 1U/2U RACK DESIGN FOR VERSATILE AUDIO INSTALLATIONS

Available in 1U and 2U rack-mountable formats, PRISMA features a compact, durable chassis made from high-quality materials to ensure thermal efficiency and structural reliability. Its space-saving design allows seamless integration into AV racks and audio installations, offering maximum versatility for system integrators and installers.



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PRODUCT DETAILS

KEY FEATURES

2U rack-compatible

4ch x 600W @2?

Equipped with Dante-Ready™ for activation of Dante™ license and supporting up to 16 Dante channels (8x8)

Onboard DSP with: Grouping, Equalization, Limiters, Routing, Level, Loudspeaker presets

Integrated Electronic Brain PRO (IEB Pro) with osKar custom operating system running on quad core 1.6 GHz internal processor

Digital channel count (IEB PRO 8x8), connection and signal redundancy

K-PRIN4 accessory board

REST API for easy integration with third-party remote control systems

K-Connect mobile for easy wireless access to the DSP features

K-Control customizable dashboard and app for smart control and integration with the K-array ecosystem

SPECIFICATIONS

Type	Amplified matrix with IEB-Pro (8x8 Dante Ch, paymentenabled) - 4ch power outputs
Input Impedance	(balanced) 4 k?
Input Sensitivity	0dBV @0dB gain
Gain Step	0dB / +16dB / +32dB / +48dB
Max Input Gain	+20dBV @0dB
Phantom power	Yes, +48V DC selectable on each individual channel via Dip Switch
ADC	Yes, Sampling Rate 48kHz

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Output Frequency Response	20-20KHz +0/-1dB
Output	THD 0,1 %
Output Impedance	minimum 4 Ω
Amp Module	4ch switching mode, Class D Amplifier
Input Connections	4x BAL input
Output Connections	2x PC 4/ 4-ST-7,62 speaker output
Digital Connections	Dante channel count 8x8 - (enabled with Dante Ready), 2x RJ45 Ethernet 1.Gbit - primary/secondary, 1x USB-A 2.0
Processor	iMX8 running on Quad. core 1.6 GHz with IEB-Pro osKar Operating System
Built-in DSP	Grouping, Equalization, Limiters, Routing, Level, Loudspeaker presets
Output Power	4x 600 W @ 2Ω
Remote Control	K-control, Web-App built-in interface, Third party remote control system
MAINS Operating Range	Dedicated AC/DC power adapter 100-240V ~ AC, 50-60 Hz input / 24 V, 4 A DC output
Power Consumption	400 W @ 8 Ω load, Pink noise, 1/4 rated power
Protections	Thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter
Dimensions (WxDxH)	432 x 432 x 87 mm - 16,99 x 16,99 x 3,43 in. (2U Rack)
Weight	6 kg (13,2 lbs.)
IP Rating	IP20
Material	Stainless Steel
Color	Black