



Description

Meet the K-array new piece of audio technology Prisma-KPRA04+, a cutting-edge solution that combines the power of our Kommander-KA amplifiers with a host of advanced features, all packaged within a sleek and compact design.

At the heart of the Prisma-KPRA04+ lies the IEB-Pro, a sophisticated electronic brain that transforms this compact amplifier unit into a powerful processing platform with matrix capabilities. Equipped with Dante-Ready™, the Prisma-KPRA04+ is able to activate Dante license, supporting up to 8x8 Dante channels, setting a new standard for seamless audio integration.

Designed for versatility, the Prisma-KPRA04+ mounts a dedicated input board with preamplifier that facilitates routing, providing 4x analog balanced microphone inputs, and an amplifier module with 4x outputs channels at 150W @ 4Ω. This comprehensive bundle combined with Kommander-KA04 making it the ideal choice for a wide range of applications, including conference and boardrooms, retail spaces, hospitality, and more.

Prisma-KPRA04+ offers web control through its Web App, allowing full access to DSP parameters, network settings, and system updates via any browser. K-Connect mobile app for smartphones/tablets provides a user-friendly interface for remote DSP control and signal routing configuration. The K-Control is an advanced programming tool for customizable and straightforward control of K-array devices, suitable for various applications.

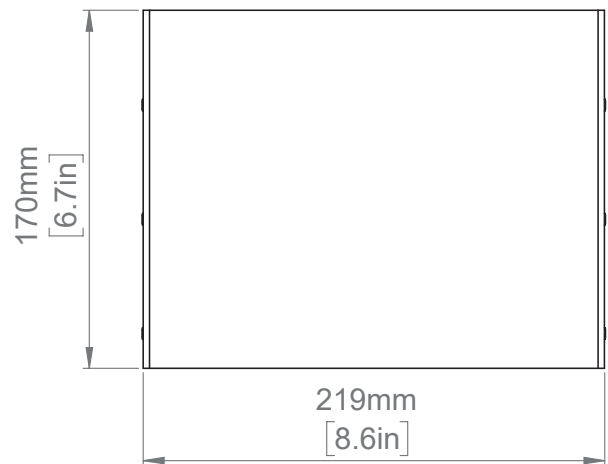
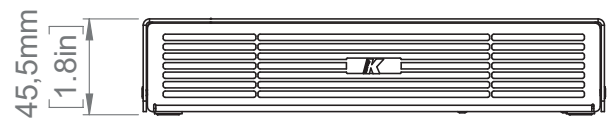
- 1RU - accessory available for rack mount up to 2 units in 1RU (K-RACK24)
- Equipped with Dante-Ready™ for activation of Dante™ license and supporting up to 8x8 Dante channels.
- DSP onboard with:
 - Grouping,
 - Equalization, Limiters, Routing, Level,
 - Loudspeaker presets
- Integrated Electronic Brain PRO (IEB - Pro) with osKar custom operating system running on quad core 1.6 GHz internal processor.
- Optional 8x8 I/O with redundancy.
- Included K-PREAMPS4 accessory boards.
- 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.

All the Prisma-KPRA04+ components are designed by the K-array R&D department and are custom made under the K-array quality control system in Italy.

Prisma-KPRA04+

Technical Specifications	
Type	Amplified matrix with IEB-Pro
Preamplifier module	
Inputs	Analog: 4x BAL input: Euroblock 1.5/ 3-ST-3.81, microphone balanced inputs
Input Impedance	4.4 k Ω balanced
Gain Step	+12dB / +24dB / +32dB / +48dB
Max Input Gain	+8dBV @12dB gain
Phantom power	+48VDC selectable on each individual channel via Dip Switch
Operating Range	Requires 5VDC power supply via USB mirco port
Input THD	0,01 %
Amplifier module - 4ch switching mode, Class D Amplifier	
Frequency Response ¹	20-20KHz +0/ -1 dB
Output Impedance	Minimum 4 Ω
Output Power	4x 150W @ 4 Ω
Inputs / Outputs	Inputs (Analog): 4x BAL input: Euroblock 1.5/ 3-ST-3.81 3.5 mm jack unBAL analog stereo input Outputs (Analog): 2x Euroblock 2.5/ 4-G-5,08 Optical: TOSLINK optical input
Connections	Digital: Dante channels 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
Operating Sampling Rate	48KHz
Remote control	K-control Web-App built-in interface Third party remote control system
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC
Power Consumption	150 W @ 8 Ω load, Pink noise, 1/4 rated power

Handling & Finishes	
IP rating	IP20
Dimensions	1U Rack - 219 x 46 x 320 mm (8.6 x 1.8 x 12.6 in)
Material	Aluminum
Color	Black
Weight	1,2 kg (2.65 lb)



Notes:
Passive loudspeakers require dedicated presets loaded onboard K-array amplifiers.
New materials and designs are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this catalog.