K-ARRAY
Unique Audio Solutions

Pinnacle-KR802YP II

Hight-tech,
large-format passive system

Description

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Introducing the Pinnacle-KR Series II, a revolutionary advancement in portable audio solutions. This series includes the Pinnacle-KR802YP II bundle, as well as passive versions, expanding our renowned lineup to offer diverse speaker combinations for a multitude of applications.

The Pinnacle-KR802YP II is a state-of-the-art audio system that seamlessly integrates the Thunder-KS4P 2x18" subwoofer with the dynamic Kayman-KY102 column line array, featuring 4-inch cone drivers with Pure Array Technology (P.A.T.).

Enhanced by the high-performance Kommander-KA104LIVE amplifier, which customizes the usual KA104 functionalities to meet the demands of live entertainment scenarios, incorporating SpeakON connections, this package comes complete with a full set of accessories, including cables and joints (K-JOINT3).

Tailored for adaptability, the KR802YP II is perfect for a range of applications, from concerts and large congregations to theaters and event productions. Its exceptional sound quality and long-distance coverage, made possible by the Pure Array Technology (P.A.T.), make it the ultimate solution for professional audio delivery.

- 2x Thunder-KS4P
- 2x Kayman-KY102
- 1x Kommander-KA104LIVE
- Joining hardware included
- Pure Array Technology
- Portable, compact and modular capabilities
- High SPL and performances

All the Pinnacle-KR802YP II components are designed by the K-array R&D department and are custom made under the K-array quality control system.

Pinnacle-KR802YP II

Thunder-KS4 P

Technical Specifications	
Type	Passive Subwoofer
Transducers	2x 18" neodymium magnet woofers
Frequency Response [1]	30 Hz – 150/300 Hz (-6 dB) crossover dependent
Crossover	External DSP-controlled, Low Pass @ 150 Hz up to 300 Hz, preset dependent
Max SPL [2]	141 dB peak
Nominal Impedance	4Ω
Power handling	2800 W peak
Coverage	Omni
Connectors	2x SpeakON NL4

Handling & Finishes	
IP Rating	IP54
Dimensions (WxHxD)	1106 x 500 x 580 mm (43.5 x 19.7 x 22.8 in)
Weight	53,2 kg (117.3 lb)
Material	Polyurea coated birch plywood
Color	Black/White/Custom RAL

[1] Extensible with dedicated preset according to the midrange crossover point.
[2] Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 1 m.

Kommander-KA104LIVE

Technical Specifications	
Type	4ch switching mode, Class D Amplifier
Output Power [1]	4x 2500 W @ 4 Ω
Impedance	minimum 4 Ω (2 Ω tolerant)
Frequency Response [1]	20 Hz – 20 kHz (±1 dB)
Connectors	Input: 4x XLR-F balanced input 4x XLR-M balanced LINK output Output: 2x PC 4/ 4-ST-7,62 speaker output Remote connectivity: 1x Ethernet RJ45 4x USB-A Wi-Fi IEEE 802.11 b/g/n
Built-in DSP	Grouping, Input EQ, Output EQ, Signal Routing, Level adjustment, Dynamic Limiters, Delay
Remote control	Wi-Fi dedicated K-array Connect mobile app Ethernet wired K-framework3 multiplatform design and tuning software
MAINS Operating Range	100-240V ~ AC, 50-60 Hz with PFC via powerCON TRUE connector with power link
Power Consumption	600 W @ 4 Ω load, Pink noise, 1/8 rated power
Protections	Thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter.

Handling & Finishes	
IP Rating	IP20
Dimensions (WxHxD)	430 x 87 x 430 mm (17 x 3,4 x 17 in)
Weight	8,15 kg (18 lb)
Material	Aluminum

[1] EIAJ 8/32 test standard

Kayman-KY102

Technical Specifications	
Type	Passive line array loudspeaker
Transducers	8x 4" Neodymium magnet woofers
Frequency Response [1]	120 Hz - 20 kHz (-6 dB)
Max SPL [2]	138 dB peak
Coverage [3]	V. 7° I H. 90°
Power Handling	8x 150W
Nominal Impedance	8x 4Ω
Connectors	Multicore 16-pin cable (5m)

Handling & Finishes	
Material	Stainless steel
Color	Black, White, Custom RAL
IP Rating [4]	IP64
Dimensions (WxHxD)	116 x 1000 x 134 mm (4.6 x 39.4 x 5.3 in)
Weight	14.9 kg (32.8 lb)

[1] With dedicated preset.
[2] Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m and may vary depending on steering settings
[3] Steering dependable.
[4] More complete water protection with K-IP65KITA and K-IP65KITB accessories (IP65 compliant)