

Pinnacle-KR802

High-tech ultra-light powered stereo system



DESCRIPTION

With the KR802, K-array has developed its most advanced self-powered, portable amplification system ever. The system features a pair of the Kayman mid-hi line array elements per side, matched with a dual 18" powered KMT218 subwoofer. A louder portable system for touring on a large scale with both elements individually making a perfect solution for theatre and concert hall installations. Pocket handles in the sub and an M20 thread mount position for attaching mid-high speakers, with a variety of mounting and rigging hardware options make the latest additions to the K-array Portable Series very versatile in almost any application and in every type of venue offering a unique design for your sound. The K-array portable series allows you to fly the line array elements which can even be calibrated into a banana shape for the most complex applications. The system features two channels of Class D amplification, housed in the subwoofer KMT218. The rear panel provides input for

2 balanced line signals and digital signals in AES/EBU protocol. An integrated touch screen provides intuitive managing and editing of powerful DSP controlling: input and output levels, In/Out routing, subwoofer delay up to 12 ms, Speakon output to the mid-hi element with delay of up to 12 ms, and overall system delay of up to 330 ms. All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, conveniently on a standard XLR. And with the K-dante accessory can be used in a Dante network. The KR802 is designed in Italy and custom made under the K-array quality control system.



COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom

SUGGESTED ACCESSORIES

K-BASE2	K-FOOT2
K-DANTE	K-JOINT2
K-FLY2	K-AMPCOVER

FEATURES



Visually Discreet



On-Board Touch Screen

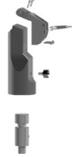


Compatible



Pure Array Technology (PAT)

SYSTEM COMPONENTS

2x 	4x 
Rumble-KMT218	Kayman-KY102I
2x 	4x 
K-FOOT2	K-JOINT2

FREQUENT APPLICATIONS

- TOURING, FESTIVALS, CONCERTS & LIVE
- THEATERS & CONCERT HALLS
- NIGHTCLUBS
- EVENT PRODUCTIONS
- THEME PARKS
- FITNESS & WELLNESS
- HOUSES OF WORSHIP
- LARGE CONGREGATIONS

TECHNICAL SPECIFICATIONS

Thunder-KMT218		Kayman-KY102	
ACOUSTICS		ACOUSTICS	
Power handling	1600 W ^(AES)	Power handling	1200 W ^(AES)
Impedance	4Ω	Impedance	8Ω or 32Ω (selectable)
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	90 Hz - 20 kHz (- 3dB)
Maximum SPL	134 dB (cont.) - 140 dB (peak)	Maximum SPL	132 dB (cont.) - 138 dB (peak)
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	90°
Vertical	Omni°	Vertical	7°- 30° (selectable)
CROSSOVER		CROSSOVER	
Type	Internal DSP controlled	Type	External Crossover required
Frequency	Low pass @ 150 Hz (maximum - preset dependent)	Frequency	High pass @ 90 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	2 X 18" Neodymium magnet woofer with 3" voice coil	Full-range	8 x 4" Neodymium magnet cone drivers with 1.5" voice coil
AMPLIFIERS		POWER AUDIO INPUTS	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2000 W @ 4 Ω 1% THD + NOISE	Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Protection	Over Temp.(Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permane	SELECTION SWITCHES	
PHYSICAL OVERVIEW		Vertical pattern	Spot - Flood
Dimensions	94.9 x 48 x 60.0 cm (37.36" x 18.89" x 23.62") ⁽¹⁾	Impedance	8Ω - 32Ω
Weight	49.0 Kg (108.02 lb)	PHYSICAL OVERVIEW	
		Dimensions	11.6 x 100.0 x 13.4 cm (4.56" x 39.37" x 5.27 ") ⁽¹⁾
		Weight	14,9 Kg (32.8 lb)

1. (W x H x D)
Notes for data
New materials and design are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this catalogue.

