

Pinnacle-KR102 I

High-tech ultra-light powered stereo system



DESCRIPTION

The KR systems are integrated, self-powered speaker systems, featuring mid-hi line array elements matched to powered subwoofers. All systems feature two channels of Class D amplification housed in the subwoofer. The rear panel provides input for 2 balanced line signals and a digital signal in AES/EBU protocol. And with the K-dante accessory, the system can be used in a Dante network. 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 up to 12 ms, and overall system delay up to 330 ms. All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, again, conveniently on a standard XLR. The unique four-corner port configuration gives symmetrical back loading to the sub speaker for extended bass response with very low distortion.

This also gives incredible structural strength to the cabinet despite its light weight. 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 systems very versatile in almost any application and in every type of venue. KR102 features pair of KMT12 (12") subs each with 2 channels of 1,000 W matched to a Kobra loudspeaker with 16 x 2" neodymium speaker elements.

The KR102 system is designed by the K-array R&D department and custom made under the K-array quality control system.



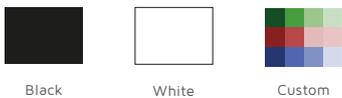
DATASHEET

Portable System Pinnacle-KR102 I

SYSTEM COMPONENTS



COLORS & PREMIUM FINISHES AVAILABLE



SUGGESTED ACCESSORIES

- K-BASE2
- K-DANTE
- K-FLY2
- K-FOOT2
- K-JOINT2
- K-POLE1

FEATURES



FREQUENT APPLICATIONS

- EVENT PRODUCTIONS
- BROADCAST & STUDIOS
- FITNESS & WELLNESS
- HOUSES OF WORSHIP
- CAFES, BISTROS & RESTAURANTS
- RETAIL
- HOTELS
- THEATERS & CONCERT HALLS

TECHNICAL SPECIFICATIONS

Rumble-KMT12 I		Kobra-KK102 I	
ACOUSTICS		ACOUSTICS	
Power handling	700 W ^(AES)	Power handling	400 W ^(AES)
Impedance	8 Ω	Impedance	8Ω or 32Ω (selectable)
Frequency range	40 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	150 Hz - 20 KHz.
Maximum SPL	128 dB continuous - 134 dB peak	Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	110°
Vertical	Omni°	Vertical	10°- 35° (selectable)
CROSSOVER		CROSSOVER	
Type	DSP controlled	Type	External Crossover required
Frequency	150 Hz (preset dependent)	Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	1 x 12" Neodymium speakers with 3" voice coil	Full-range	16 x 2" Neodymium magnet with 0.75" voice coil
AMPLIFIERS		POWER AUDIO INPUTS	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2x1000 Watt @ 8Ω	Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Protection	Dynamic limiter, over current, over temp, short circuits	SELECTION SWITCHES	
PHYSICAL OVERVIEW		Vertical pattern	Spot - Flood
Dimensions	32.6 x 32.7 x 43.5 cm (12.83" x 12.87" x 17.04") ⁽¹⁾	Impedance	16Ω - 64Ω
Weight	15.6 Kg (34.39 lb)	PHYSICAL OVERVIEW	
		Dimensions	5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18 ") ⁽¹⁾
		Weight	4.8 Kg (10.58 lb)
<p>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.</p>			

