



Pinnacle-KR102 II



Pinnacle-KR102W II

## Description

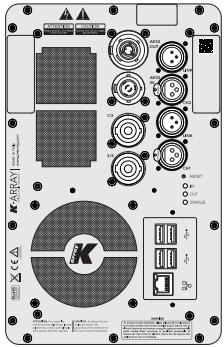
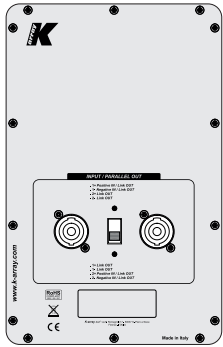
The Pinnacle systems are the perfect combination of slim and sleek column loudspeakers with compact and powerful subwoofers.

The Pinnacle-KR102 II is composed of a self-powered Thunder-KS1I subwoofer, driving both the Kobra-KK102I on its top and a separate passive column system made with Thunder-KS1PI subwoofer and one Kobra-KK102I.

The self-powered Thunder-KS1I subwoofer with DSP is designed to be the core device in the sound reinforcement system: the dedicated K-array Connect mobile app provides a user-friendly interface for the remote control, the DSP parameters and to boost the system performance.

- Channel Grouping: group controls over multiple channels;
- Input EQ: 3 bands fully parametric equalizer;
- Output EQ: 8 bands fully parametric selectable filters: Peaking, High-Shelf, Low-Shelf, High-Pass, Low-Pass, HP-Butterworth, LP-Butterworth;
- Dynamic limiters;
- Signal routing: freely assignable input-to-output signal path with level adjustment;
- Channel delay up to 230ms.
- Accessories available for suspended and fixed installations.
- Available in black, white, custom RAL color and premium finishes.

# Thunder-KS

Technical	<b>KS1 I</b>	<b>KS1P I</b>
Type	Active subwoofer	Passive subwoofer
Transducers	12" neodymium magnet woofer	
Frequency Response <sup>1</sup>	35 Hz – 150/450 Hz (-6 dB) crossover dependant	
Crossover	DSP-controlled, Low Pass @ 150 Hz up to 450 Hz, preset dependant	
Max SPL <sup>2</sup>	134 dB peak	
Impedance		8 Ω
Rated Power		1200 W peak
Coverage	Omni	
Connectors	Line Input: 2x XLR-F analog balanced / AES3 Line Output: 2x XLR-M Link analog balanced / AES3 Speaker Output: 2x SpeakON NL4 (Ch1 1+/1- // Ch2 2+/2-) Mains: powerCON TRUE1 TOP, 16 A true mains Networking and Data: 1x RJ45, 4x USB-A	Speaker input/parallel output: 2x SpeakON NL4  Input terminals selectable: IN+Link 1+/1- (parallel), Link 2+/2- Link 1+/1- , IN+Link 2+/2- (DEFAULT)
DSP	Input gain, routing matrix, delay, full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), Onboard preset, Remote monitoring	
Remote control	Wi-Fi dedicated APP K-framework3 via wired Ethernet	
Amplifier module	4-channel switching mode, Class D	
Output power <sup>3</sup>	4x 1500 W @ 4 Ω	
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC	
Power Consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power	
Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection	
Rear Panel		

## Handling & Finishes

IP Rating	IP53	IP54
Dimensions (WxHxD)	500 x 350 x 440 mm (19.7 x 13.8 x 17.3 in)	
Weight	21,6 kg (47.62 lb)	18 kg (39.7 lb)

<sup>1</sup> Extensible with dedicated preset according to the midrange crossover point.

<sup>2</sup> Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 1 m.

<sup>3</sup> CTA-2006 (CEA-2006) Amplifier Power Standards.

# Kobra-KK102 I

Technical	
Type	Passive line array
Transducers	16x 2" neodymium magnet woofers
Frequency Response <sup>1</sup>	150 Hz – 18 kHz (-6 dB)
Max SPL <sup>2</sup>	126 dB (peak)
Rated Power	400 W
Coverage	V. 7° - 35°   H. 120°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Impedance	8 Ω / 32 Ω selectable

## Handling & Finishes

Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64 <sup>3</sup>
Dimensions (WxHxD)	59 x 1000 x 81 mm (2.3 x 39.4 x 3.2 in)
Weight	4.8 kg (10.6 lb)

<sup>1</sup> With dedicated preset.

<sup>2</sup> Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.

<sup>3</sup> More complete water protection with K-IP65KITA and K-IP65KITB accessories (IP65 compliant).

## Accessories

K-FLY3	Flybar for suspended installations
K-WALL2	Wall mount bracket with ball and socket joint (advanced model)
K-WALL2L	Lightweight bracket for wall mounting (basic model)

## Bundle bill of material

Quantity	Description
2	Kobra-KK102 I Stainless steel meter-long line array element with 2" drivers
1	Thunder-KS1 I Lightweight, multi-tasking 12" self-powered subwoofer
1	Thunder-KS1P I Lightweight, 12" passive subwoofer
2	K-JOINT3 Joining hardware to connect Kobra loudspeakers
2	K-KKPOLE Fake Kobra 100cm pole support
1	K-SPKCABLE15 4-pole speaker cable with SpeakON NL4, 15 m (49 ft)
2	K-SPKCABLE2 4-pole speaker cable with SpeakON NL4, 2 m (6.5 ft)
1	Power cable with PowerCON TRUE and power plug (according to the area regulations)

### 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.

