



High-tech, medium-format
powered stereo system



Pinnacle-KR402 II

Features:

- Channel Grouping: group controls over multiple channels;
- Input gain and output level adjustment;
- 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;
- Channel delay up to 230ms.
- Accessories available for suspended and fixed installations.
- Available in black, white, custom RAL color and premium finishes.

Description

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

The Pinnacle-KR402 II is composed of a self powered Thunder-KS3 I subwoofer, driving both the couple of Python-KP102 I on its top and a separate passive column system made with Thunder-KS3 P I subwoofer and two Python-KP102 I.

The self powered Thunder-KS3 I 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.

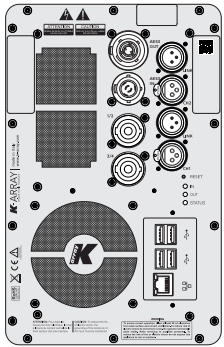
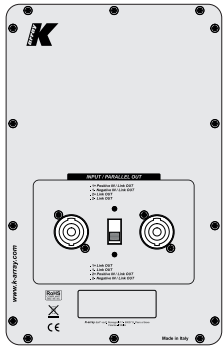
Relying on the power of the line array configuration, the **Pinnacle-KR404 II** ensures a consistent coverage with the distance in large application such as theatre, auditorium, corporate events, DJ-set and live events.

The Pinnacle-KR404 II combines eight Python-KP102 I – to be suspended with the K-FLY3 flybar – with two Thunder-KS3 I active subwoofers and two Thunder-KS3 P I passive subwoofers. The system can be controlled and tuned by means of either the K-array Connect mobile app or the K-framework3 software.



Pinnacle-KR404 II

Thunder-KS

Technical	KS3 I	KS3P I
Type	Active subwoofer	Passive subwoofer
Transducers	21" neodymium magnet woofer	
Frequency Response ¹	30 Hz – 150/450 Hz (-6 dB) crossover dependant	
Crossover	DSP-controlled, Low Pass @ 150 Hz up to 450 Hz, preset dependant	
Max SPL ²	139 dB peak	
Impedance		4 Ω
Rated Power		2800 W peak
Coverage	Omni	
Connectors	Line Input: 2x XLR-F analog balanced / AES3 input Line Output: 2x XLR-M Link analog balanced / AES3 output 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 connection	
Amplifier module	4-channel switching mode, Class D	
Output power ³	4x 2500 W @ 4 Ω	
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC	
Power Consumption	600 W @ 8 Ω load, Pink noise, 1/8 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)	735 x 580 x 700 mm (28.9 x 22.83 x 27.56 in)	
Weight	56 kg (123.4 lb)	49,2 kg (108.5 lb)

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.
³ CTA-2006 (CEA-2006) Amplifier Power Standards.

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 document.

Python-KP102 I

Technical	
Type	Passive line array
Transducers	12x 3" neodymium magnet woofers
Frequency Response ¹	120 Hz – 18 kHz (-6 dB)
Max SPL ²	134 dB (peak)
Rated Power	720 W
Coverage	V. 7° - 30° H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Impedance	4 Ω / 16 Ω selectable

Handling & Finishes	
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64 ³
Dimensions (WxHxD)	89 x 1000 x 118 mm (3.5 x 39.4 x 4.7)
Weight	12.0 kg (26.5 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.
³ 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)
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KR402	KR404	Bill of materials
Quantity	Quantity	Description
4	8	Python-KP102 I Stainless steel meter-long line array element with 3" drivers
1	2	Thunder-KS3 I Compact, multi-tasking 21" self-powered subwoofer
1	2	Thunder-KS3P I Compact 21" passive subwoofer
2	4	K-FOOT3 Adapter for standing the loudspeakers on top of Thunder subwoofers
4	8	K-JOINT3 Joining hardware to connect Python loudspeakers
-	2	K-FLY3 Flybar for suspended installations
1	6	K-SPKCABLE15 4-pole speaker cable with SpeakON NL4, 15 m (49 ft)
2	2	K-SPKCABLE2 2-pole speaker cable with SpeakON NL4, 2 m (6.5 ft)
2	2	K-SPKCABLE235 4-pole joint speaker cable with SpeakON NL4, 22,5 cm (9 in)
1	2	Power cable with PowerCON TRUE and power plug (according to the area regulatories)

