



Description

Introducing the Kayman-KY52: a passive line array element comprised of 4x 4" neodymium magnet transducers housed in a compact and sturdy stainless steel half-meter frame. The 4x closely spaced cone drivers provide true line array characteristics thanks to Pure Array Technology (PAT).

The Kayman-KY52 can reproduce the entire vocal frequency range with high intelligibility and a frequency response from 120 Hz to 20kHz and integrating one of our Thunder-KS or Rumble-KU subwoofers assures excellent coverage of the entire musical frequency range.

The Kayman-KY52 innovation is in its ability to be set for full-range reproduction, providing a frequency response starting from 70Hz. This feature is ideal for applications where the use of subwoofers is not desired, allowing for excellent low-frequency reproduction and precision, combined with the increased directivity characteristic of a line array. To enhance power and extend the low-frequency range, it is possible to integrate the system with our Thunder-KSC infrasubwoofers, especially tailored for cinematic applications.

The Kayman-KY52 provides selection to change the vertical dispersion pattern for wide (Flood) or narrow (Spot) coverage, allowing for a great variety of applications. It also features selectable 4Ω or 16Ω impedance that provides easier use and integration with other speakers or amplifiers.

A variety of rigging accessories provides many linking and hanging options for vertical and horizontal line array configurations that satisfy many different venue requirements during temporary events and permanent installations.

- 4x 4" Neodymium magnet woofers
- Pure Array Technology
- 132 dB_{peak} max SPL (Natural Preset)
- Full-Range preset available - 70Hz - 18kHz
- Selectable vertical dispersion pattern (Spot - Flood)
- 4Ω - 16Ω selectable load impedance
- Modular capabilities
- Visually discreet
- IP65 suitable for indoors and outdoors installations with dedicated IP accessory
- Stainless Steel
- Available in black, white and custom RAL color

All Kayman-KY52 components are designed by the K-array R&D department and are custom made under the K-array quality control system.

Kayman-KY52

Technical Specifications		Accessories	
Type	Passive line array loudspeaker	K-FLY3	Steel flybar for suspended installations
Transducers	4x4" Neodymium magnet woofers	K-JOINT3	Joining hardware to connect, fly, affix Kobras, Pythons, Kaymans, Rumble and Domino loudspeakers
Frequency Response ¹	120 Hz - 20 kHz (-6 dB)	K-FOOT3	Adapter for standing Kobras, Pythons, Kaymans, on top of a Thunder subwoofer or a pole
Full-Range F.R. ²	70Hz - 20kHz	K-WALL2	Wall bracket with ball and socket joint (advanced model)
Max SPL ³	132 dB peak	KY-STAGE	Foam, slip-on pads for horizontal Kayman setup (monitor or front fill)
Max SPL F.R. ⁴	120 dB peak	K-KCLAMP / K-KCLAMP/S	Clamp for truss mount
Coverage	V. 10° - 45° H, 90°	K-PMOUNT	Pole mount adapter
Rated power	600 W	K-IP65KITA	Weatherproof cap for not connected NL4 connectors
Nominal Impedance	4 Ω / 16 Ω selectable	K-IP65KITB	Weatherproof rubber protection for NL4 connectors
Connectors	SpeakOn NL4 1+1- (signal); 2+2- (through)		

Handling & Finishes	
Material	Stainless steel
Color	Black, White, Custom RAL
IP Rating ⁵	IP64
Dimensions (WxHxD)	116 x 510 x 134 mm (4.6 x 20.1 x 5.3 in)
Weight	5.8 kg (12.78 lb)

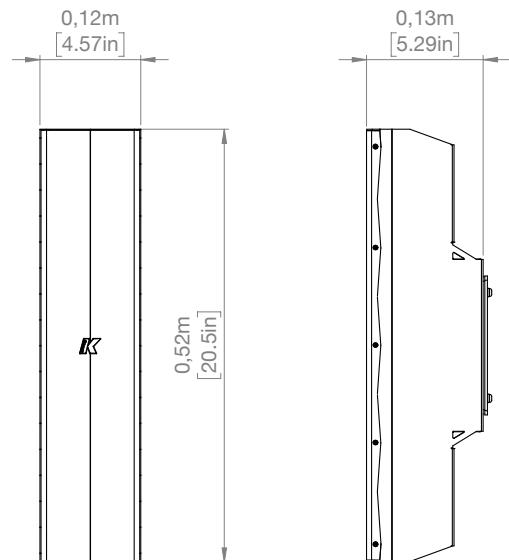
¹ With dedicated natural preset.

² With full-range preset.

³ Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m. - natural preset dependant

⁴ Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m. - full-range preset dependant.

⁵ More complete water protection with K-IP65KITA and K-IP65KITB accessories (IP65 compliant)



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.

