







## Description

The K-array Kayman-KY102 is a passive speaker system comprised of eight 4" neodymium magnet transducers housed in an elegant and sturdy stainless steel chassis. The vertical dispersion pattern can be switched for wide or narrow coverage, allowing for a great variety of applications. The eight closely spaced cone drivers provide true line array characteristics - phase coherence, low distortion and focused listening in both the near field, and at a distance from the speaker. A variety of rigging accessories provides many linking and hanging options for the KY102 to be joint in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations.

For easier use and integration with other speakers or amplifiers, the KY102 allows the user to select two different values of impedance (8Ω – 32Ω).

The KY102 is able to reproduce the whole vocal frequency range with high intelligibility. Integrating one of K-array powered subwoofers (KMT21, KMT218), configured with specific presets for the KY102, assures excellent coverage of the entire musical frequency range. The K-array KA amplifier series have pre-sets optimized for KY102 use.

All KY102 components are designed by the K-array R&D department and custom-made under the K-array quality control system.

Colors		Premium Finishes		Features		Frequent Applications	
Black		Gold		Pure Array Technology (PAT)	Modular Capabilities	Auditorium, Education & Government	Touring, Festival, Concert & Live
White		Polished		Weather Resistent	Selectable Coverage	Theatre & Concert Halls	Broadcast & Studios
RAL		Brushed		Selectable Impedence	Visually Discreet	Stadium & Sport Venue	Theme Park

Accessories					
K-BASE2	K-FLY2	K-FOOT2	K-JOINT2	K-WALL2	KY-STAGE
K-IP65KTA	K-IP65KITB	K-KCLAMP	K-KCLAMP/S	K-PMOUNT	

## Technical Specifications

General	
Type	Line array
Transducers	8 x 4" neodymium magnet woofers
Frequency Response <sup>1</sup>	120 Hz – 20 kHz (-6 dB)
Max SPL <sup>2</sup>	138 dB (peak)
Rated Power	1200 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4: 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

Handling & Finishes	
Dimensions (WxHxD)	116 x 1000 x 134 mm (4.6 x 39.4 x 5.3 in)
Weight	14,9 kg (32.8 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	Gold, Polished, Brushed

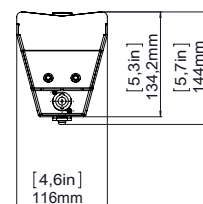
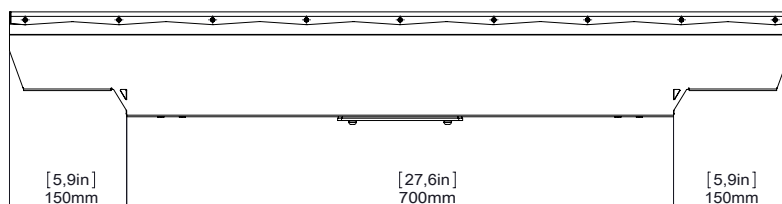
Regulations	
IP Rating	IP64 <sup>3</sup>

Accessories	
Recommended Amplifier	Kommander-KA84, Thunder-KMT21, Thunder-KMT218
Accessories	K-BASE2, K-FLY2, K-FOOT2, K-IP65KITA, K-IP65KITB, K-JOINT2, K-KCLAMP, K-KCLAMP/S, K-WALL2, K-PMOUNT, KY-STAGE

<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)



### Notes for data:

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.

