

KY102

8X4" PASSIVE LINE ARRAY WITH SELECTABLE COVERAGE AND IMPEDANCE SPEAKER (BLACK COLOR)

The Kayman-KY102 I is a high-performance passive speaker system belonging to the line array range in the K-array portfolio. KY102 Its elegant design features a sturdy stainless steel chassis with 8 × 4" neodymium magnet transducers that provide true line array characteristics, ensuring phase coherence, low distortion, and focused listening in both the near field and at a distance from the speaker. It is the ideal audio solution for a great variety of applications during temporary events and for permanent installations.

With a switchable vertical dispersion pattern for wide or narrow coverage and a frequency response starting from 120 Hz, the KY102 I delivers clear audio reproduction and high vocal intelligibility. Its capability to easily integrate with other speakers or amplifiers is enhanced by a selectable impedance feature (8? or 32?).

It is the perfect product for satisfying many different venue requirements, leaving both your eyes and ears satisfied thanks to a variety of rigging accessories that provide multiple linking and hanging options to combine the speakers in different line array configurations.

All Kayman loudspeakers can be customized with any RAL color or finished in a variety of premium metallic finishes to further enhance their distinctive aesthetics. Furthermore, to meet specific design and installation requirements, dedicated solutions with IP65 marine-grade protection are also available.

*For a complete audio system and easier integration, the KK102 I can be combined with K-array's **Thunder or Rumble subwoofers**, allowing you to maximize performance across the entire configuration.

**New version with EBS (Electronic Beam Steering) available.

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IP64

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HIGHLIGHTS



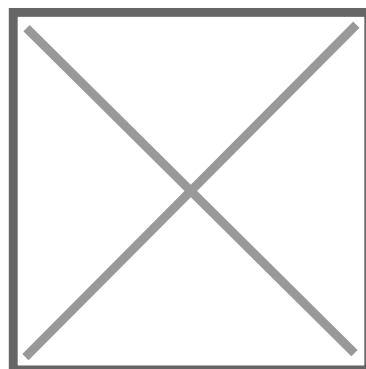
ADVANCED LINE ARRAY

Like the **Kobra** and the **Python** lines, the **Kayman line** is an **advanced line array** with a **sleek design** in a **stainless steel frame**. A **passive speaker** comprised of **closely-spaced, full-range sound sources**, the **Kayman** boasts our **innovative Pure Array Technology** with its **4" neodymium magnet transducers**.

SELECTABLE IMPEDANCE AND COVERAGE

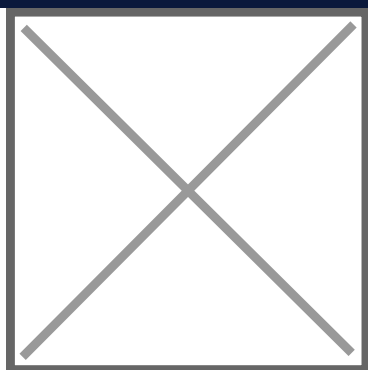
Selectable impedance lets the user choose the right loudspeaker impedance value, allowing to set the proper load and maximize performance.

The directivity can be modified in order to optimize coverage with a regulator with two coverage options: **SPOT** for very narrow sound dispersion and **FLOOD** for wider coverage.



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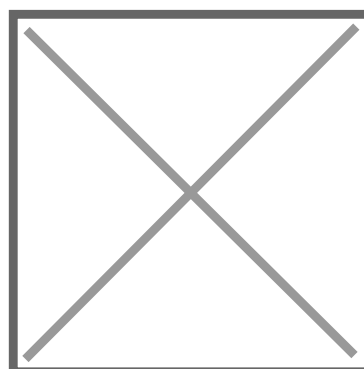


ELECTRONIC BEAM STEERING (EBM) VERSION

The evolution of our most powerful massive column array element. With a maximum output SPL of 138 dB and advanced Electronic Beam Steering through FIR processing on 8 independent amp channels, the KY102-EBS sets new standards in precision and power.

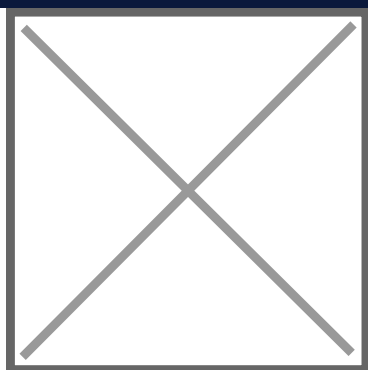
PURE ARRAY TECHNOLOGY (PAT®)

This technology enables **direct, intelligible and controlled sound**, even in reverberant or complex environments, **without the need for large spaces or bulky loudspeakers**.



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CUSTOM COLORS AND PREMIUM FINISHES AVAILABLE UPON REQUEST

The Kayman series is offered in a semi-matte **black** or an elegant **white** finish and can be customized to match any **RAL** code.

Premium **brushed** or **polished** stainless steel finishes give the products a chameleon-like ability to reflect surrounding surfaces and blend in with the background.

Also available in **24K gold-plated** for the most luxurious finish - ideal for prestigious design projects and upscale applications.

Kayman loudspeakers are manufactured to achieve exacting standards and are subject to rigorous quality control system in Italy.

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PRODUCT DETAILS

KEY FEATURES

Visually discreet
Advanced line array with a sleek design
Selectable Vertical dispersion pattern Spot/ Flood
Selectable Impedance
EBS Version available

SPECIFICATIONS

Type	Passive Line Array
Transducers	8x4" Neodymium Magnet Woofer
Frequency Response	120 Hz - 20 kHz (-6 dB, with dedicated preset) FULL RANGE Freq. Response
Max SPL	138 dB (peak, calculated using a signal with crest factor 4 [12dB] measured at 8 m then scaled at 1 m.) Max SPL FULL RANGE
Coverage	V. 7° - 30° H. 90°
Nominal Impedance	selectable 8 Ω / 32 Ω
Power Handling	1200 W
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
IP Rating	IP64 (IP65 with IP accessories)
Dimensions (WxHxD)	116 x 1000 x 134 mm (4.6 x 39.4 x 5.3 in.)

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Weight	14,9 kg (32.8 lbs.)
Material	Stainless steel
Standard Colors	Black / White
Custom colors	Available in any RAL color
Premium Metal Finishes	Available in 24K Gold / Polished or Brushed Steel
Marine-grade Treatment	Available cataphoresis treatment applied by electroplating for total coating against chemical and environmental corrosion