

Vyper-KV102 II

Ultra-flat aluminum meter long frameless line array element with 1" drivers



Description

Vyper-KV102 II and Vyper-KV102R II are ultra-flat passive loudspeakers comprised of sixteen 1" neodymium magnet transducers each, housed in elegant yet sturdy aluminum chassis.

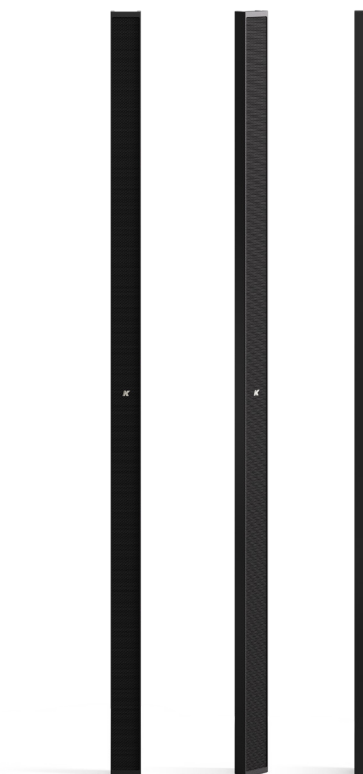
The new frameless chassis of the Vyper-KV102 II is perfect for a clean bracketless installation on any flat surface or where in-wall mounting is needed.

The sixteen 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.

Two different values of impedance (8Ω – 32Ω) allow to connect up to 8x Vyper-KV102 II loudspeakers at 32Ω impedance to the same 4Ω amplifier output channel, which eliminates the need of 70V lines for wide distributed installed systems where pristine sound, intelligibility and elegance are mandatory.

All Vyper-KV102 components are designed by the K-array R&D department and are custom made under the K-array quality control system.

- 16x 1" Neodymium magnet woofers
- 120 dB_{peak} max SPL
- Pure Array Technology
- 7° vertical dispersion, 140° horizontal coverage
- 8Ω – 32Ω selectable load impedance
- Visually discrete
- Modular capabilities allow the joining of more units for long array
- IP65 suitable for indoors and outdoors installations with included IP accessory
- Aluminum chassis
- Available in black, white and custom RAL color
- 24K Gold, Polished and Brushed premium finishes available



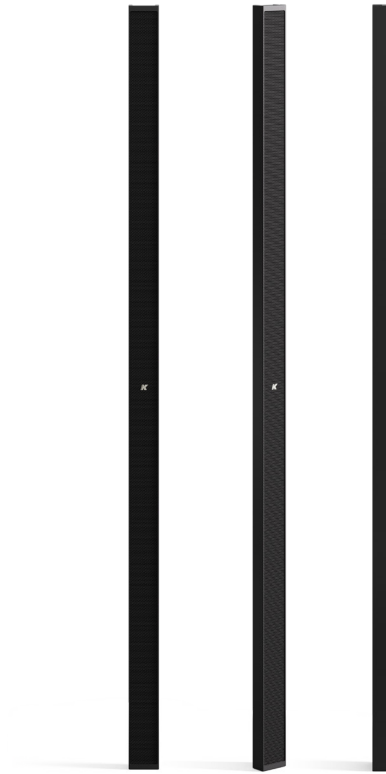
Vyper-KV102R II

Ultra-flat aluminum meter long flush-mount line array element with 1" drivers



Vyper-KV102M II

Ultra-flat aluminum meter long
frameless line array element with 1" drivers
special marine treatments



Vyper-KV102RM II

Ultra-flat aluminum meter long
flush-mount line array element with 1" drivers
special marine treatments



Description

The Vyper-KV102M II and Vyper-KV102RM II are also available in a Marine Version, specifically engineered to ensure reliability, durability, and elegance in salty and outdoor environments.

Thanks to dedicated treatments and premium materials, these loudspeakers preserve the same outstanding acoustic performance of the standard models while providing advanced protection against corrosion and harsh weather conditions.

Marine treatments and features

- Advanced anti-corrosion protection: epoxy-based cataphoresis treatment applied by electroplating, ensuring total coating of all metal surfaces for maximum resistance against chemical and environmental corrosion.
- Enhanced paint durability: nano-zirconium powders strengthen the finish, increasing resistance to wear and weathering.
- Resistant components: brackets and screws undergo specific treatments to improve corrosion resistance.
- Premium cabinet materials, carefully selected to withstand the most demanding marine conditions.
- Dedicated accessories and components
- IP-rated accessories included, with specific treatments for maximum protection against salt and moisture.
- Cable glands replace standard connectors on selected models, ensuring complete water ingress protection.
- Drivers with UV- and waterproof coating, preserving audio performance and longevity even under direct sun exposure and humidity.

Ideal applications

- Front beach clubs and seaside venues
- Outdoor installations in exposed environments
- Premium residential projects with exclusive outdoor areas
- Yachting and naval applications

Vyper-KV102 II - Vyper-KV102R II

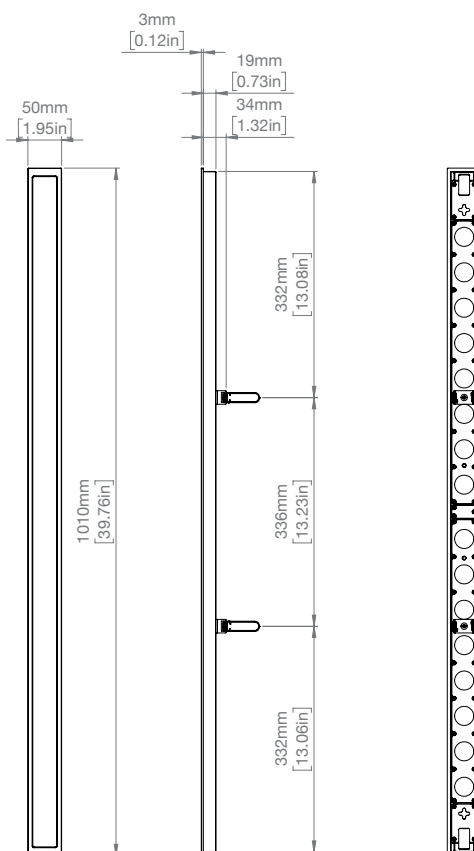
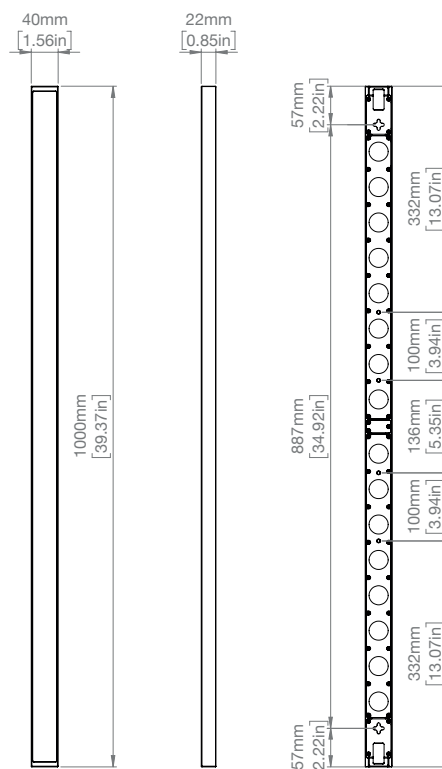
Vyper-KV102M II - Vyper-KV102RM II

Technical Specifications

Type	Passive line array loudspeaker
Transducers	16x 1" Neodymium magnet woofers
Frequency Response ¹	150 Hz - 18 kHz (-6 dB)
Max SPL ²	120 dB peak
Coverage	V. 7° H. 140°
Power Handling	300 W
Nominal Impedance	8 Ω - 32 Ω
Connectors	2x Euroblock 2,5/ 2-ST-5,08

Handling & Finishes

Material	Aluminum
Color	Black, White, Custom RAL
IP Rating	IP65
Dimensions (WxHxD)	Vyper-KV52 II: 40 x 1000 x 22 mm (1.56 x 39.37 x 0.85 in) Vyper-KV52R II: 50 x 1010 x 37 mm (1.95 x 39.76 x 1.45 in)
Weight	Vyper-KV52 II: 1,8 kg (3.96 lb) Vyper-KV52R II: 1,8 kg (3.96 lb)
Marine version models available	Cataphoresis treatment applied by electroplating for total coating against chemical and environmental corrosion - IP65 with dedicated accessory included



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.

General Applications

Retail	Cafes, Bistros & Restaurants
Boardrooms, corporate and showrooms	Residential - Home cinema
Houses Of Worship	Hospitality and leisure

Marine applications

Front beach clubs and seaside venues	Outdoor installations in exposed environments
Outdoor installations in exposed environments	Yachting and naval applications
Yachting and naval applications	

Colors	Finishes
Black	24K gold effect
White	Polished
Custom RAL	Brushed

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.