

Vyper-KV52F II

Ultra-flat aluminum half-meter frameless loudspeaker with 1" drivers



Description

Vyper-KV52F II and Vyper-KV52FR II are ultra-flat passive loudspeakers comprised of eight 1" neodymium magnet transducers each, characterized by a wide sound emission pattern both in the horizontal and vertical directions.

The new frameless chassis of the Vyper-KV52F II suites now a clean bracketless installation on any flat surface.

The complete frame and clamps of the Vyper-KV52FR II make this loudspeaker the perfect solution where a recessed mounting is needed.

The eight closely-spaced cone drivers are fed with electronically processed signals that widen the sound emission of the loudspeaker.

The Vyper-KV52F II and Vyper-KV52FR II are an elegant point source loudspeakers with a slim form factor tailoring the applications where a wide coverage is required.

All Vyper-KV52F II components are designed by the K-array R&D department and are custom made under the K-array quality control system.

- 8x 1" neodymium magnet woofers
- 114 dB_{peak} max SPL
- Wide emission pattern
- 120° vertical dispersion, 140° horizontal coverage
- 16Ω – 64Ω selectable load impedance
- Visually discrete
- 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-KV52FR II

Ultra-flat aluminum half-meter flush-mount loudspeaker with 1" drivers



Vyper-KV52FM II

Ultra-flat aluminum half-meter
frameless loudspeaker with 1" drivers
special marine treatments



Description

The Vyper-KV52FM II and Vyper-KV52FRM 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 a total coating of metal surfaces for high 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, 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-KV52FRM II

Ultra-flat aluminum half-meter
flush-mount loudspeaker with 1" drivers
special marine treatments



Vyper-KV52F II - Vyper-KV52FR II

Vyper-KV52FM II - Vyper-KV52FRM II

Technical Specifications

Type	Passive loudspeaker
Transducers	8x 1" Neodymium magnet woofers
Frequency Response ¹	150 Hz - 18 kHz (-6 dB)
Max SPL ²	114 dB peak
Coverage	V. 120° H. 140°
Power Handling	150 W
Nominal Impedance	16 Ω - 64 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-KV52F II: 40 x 500 x 22 mm (1.56 x 19.69 x 0.85 in) Vyper-KV52FR II: 50 x 510 x 37 mm (1.95 x 20.08 x 1.45 in)
Weight	Vyper-KV52F II: 0.8 kg (1.76 lb) Vyper-KV52FR II: 0.8 kg (1.76 lb)
Marine version models available	Cataphoresis treatment applied by electroplating for total coating against chemical and einvironmental 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.

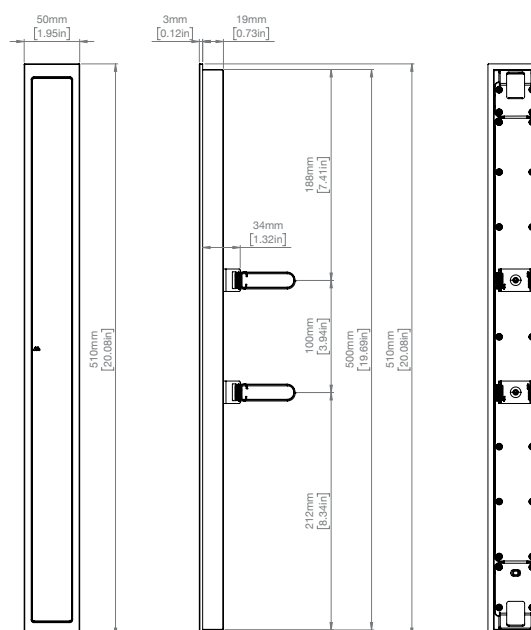
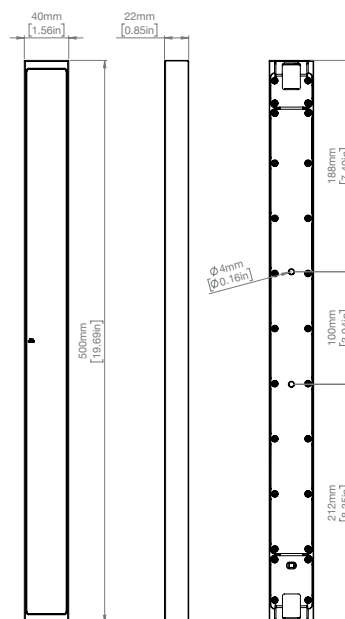
General Applications

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	Premium residential projects with exclusive outdoor areas
Yachting and naval applications	Hospitality and leisure

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.