K-ARRAY
Unique Audio Solutions

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Audio-visuel médias technologie

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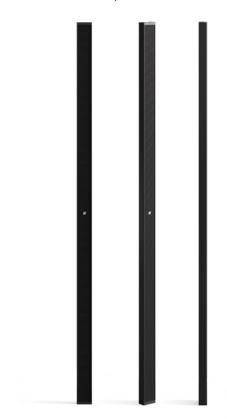
The new frameless chassis of the Vyper-KV102 II is perfect for a clean bracketless installation on any flat surface or where in-wall mounting is needed.

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 discreete
- 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
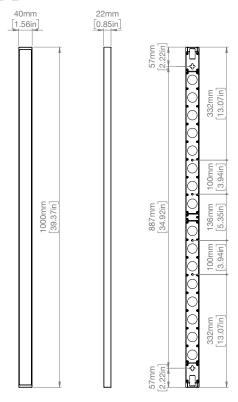flush-mount line array element with 1" drivers

K-array

Vyper-KV102 II - Vyper-KV102R II

Technical Specifications

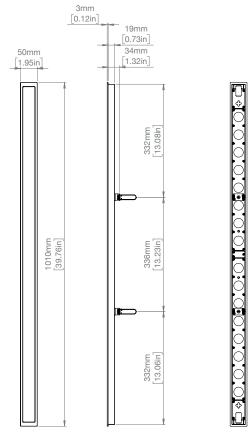|	
Type	Passive line array loudspeaker
Transducers	16x 1" Neodymium magnet woofers
Frequency Response [1]	150 Hz - 18 kHz (-6 dB)
Max SPL [2]	120 dB peak
Coverage	V. 7° | H. 140°
Power Handling	300 W
Nominal Impedance	8 Ω - 32 Ω
Connectors	2x Euroblock 2,5/ 2-ST-5,08

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)

[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.

Vyper-KV102 II

Vyper-KV102R II