

Vyper-KV52

Ultra-flat line array element



Vyper-KV52



Vyper-KV52W

DESCRIPTION

The Vyper-KV52 is an ultra-flat passive speaker system comprised of eight 1" neodymium magnet transducers housed in an elegant yet sturdy aluminum chassis. 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 steel bracket accessory provides an option to mount wall

application for permanent installations. For easier use and integration with other speakers or amplifiers, the Vyper allows the user to select two different values of impedance (16Ω – 64Ω). At 64Ω as many as 16 Vypers can be powered off a single amplifier channel at 4Ω, which eliminates the need of 70 V amplifiers for wider distributed installed systems. The Vyper is able to reproduce the

whole vocal frequency range with high intelligibility, starting from 150 Hz. Integrating one of the K-array subwoofers KU family, powered by a KA amplifiers set with specific presets optimized for the Vyper assures excellent coverage of the entire musical frequency range. All Vyper components are designed by the K-array R&D department and are custom made under the K-array quality control system.

COLORS & PREMIUM FINISHES AVAILABLE



Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

SUGGESTED ACCESSORIES



FEATURES

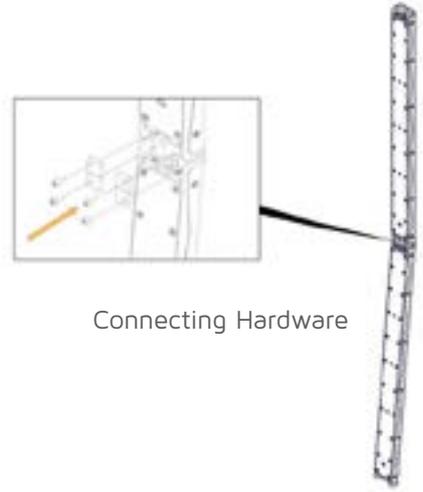


FREQUENT APPLICATIONS

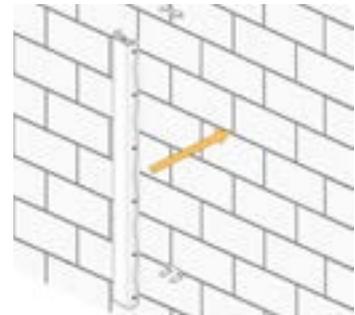


TECHNICAL SPECIFICATIONS

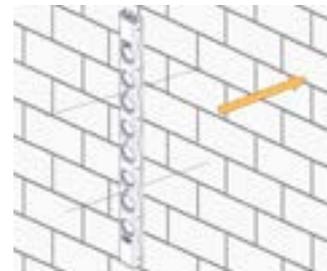
ACOUSTICS	
Power handling	150 W ^(AES)
Impedance	16 Ω / 64 Ω (selectable)
Frequency range	150 Hz – 20 KHz (- 10dB) ⁽¹⁾ 200 Hz – 18 kHz (- 3dB) ⁽¹⁾
SPL 1W/1mt	86 dB ⁽²⁾
Maximum SPL	108 dB continuous - 114 dB peak
COVERAGE	
Horizontal	110°
Vertical	10°
CROSSOVER	
Type	External Crossover required
Frequency	150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 x 1" Neodymium magnet with 0.75" voice coil
SELECTION SWITCH	
Impedance	16 Ω – 64 Ω
POWER AUDIO INPUT	
Connector	2 x 2-pin Phoenix
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24, KA84
CERTIFICATION	
IP	54
EVAC	EN54-24
PHYSICAL OVERVIEW	
Dimensions	3.9 x 50.0 x 2.1 cm (1.55"x 19.68"x 0.84")
Weight	0.6 Kg (1.32 lb)
<p>Notes for data</p> <ol style="list-style-type: none"> 1. With dedicated preset; 2. Measured @8 m, then scaled @1 m; 3. Measured with musical signal; 4. (W x H x D). <p>New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented here catalogue.</p>	



Connecting Hardware



Wall Mounting Brackets



Wall Mounting Screws

