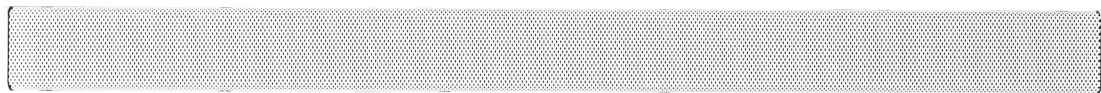


Vyper-KV52

Ultra-flat line array element



Vyper-KV52



Vyper-KV52W

DATASHEET

Installed Sound Vyper-KV52

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



Black



White



Custom



Gold



Polished



Brushed

SUGGESTED ACCESSORIES

K-CLAMP

K-WALL

K-WALL2

K-V5WALL1

K-KCLAMP/S

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Electronically Protected



Selectable Impedance



Pure Array Technology (PAT)

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.

FREQUENT APPLICATIONS

THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

CAFES, BISTROS & RESTAURANTS

BROADCAST & STUDIOS

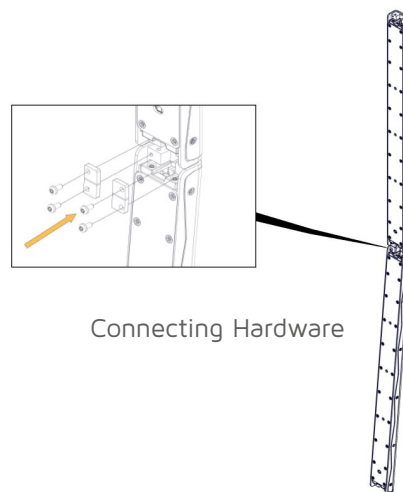
RETAIL

TRANSPORTATION FACILITIES

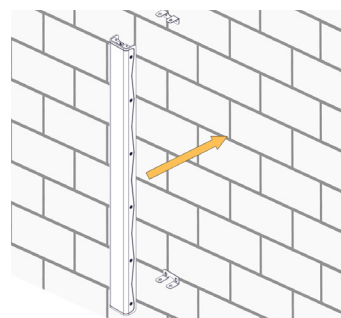
HOTELS

TECHNICAL SPECIFICATIONS

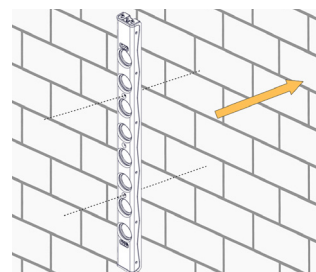
| ACOUSTICS | |
|--|---|
| Power handling | 150 W ^(AES) |
| Impedance | 16 Ω / 64 Ω (selectable) |
| Frequency range | 150 Hz – 20 KHz (- 10dB) ⁽¹⁾ 200 Hz – 18 kHz (- 3dB) ⁽¹⁾ |
| SPL 1W/1mt | 86 dB ⁽²⁾ |
| Maximum SPL | 108 dB continuous - 114 dB peak |
| COVERAGE | |
| Horizontal | 110° |
| Vertical | 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 |
| 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

