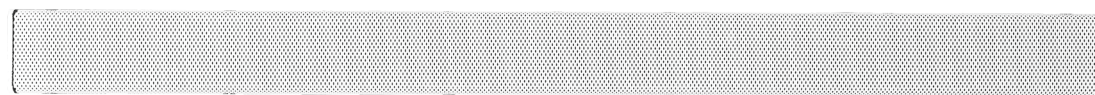


**KV50****KV50W**

FEATURES

- Unique performance-to-size ratio
- Vertical, Horizontal and 3D line-array applications
- Multiple 1" long-excursion full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 16 Ohm or 64 Ohm impedance
- Weather proof, suitable for outdoor installations- IP54

APPLICATIONS

- Portable and installed AV systems
- Front fill and under-balcony fill
- Stage and AV studio monitoring

ACCESSORIES

- K-V5WALL1, K-KCLAMP, K-KCLAMP/S

COLORS AVAILABLE

BLACK



WHITE

SPECIFIC RAL CODE FOR A
CUSTOMIZED PAINTED MODELBRUSHED/POLISHED
STEEL

DESCRIPTION

The KV50 Vyper 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 KA10-10 amplifier 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.



TECHNICAL SPECIFICATIONS

	ACOUSTICS
Power handling	150 W ^(AES)
Frequency range	150 Hz – 20 KHz (- 10dB) ⁽¹⁾ 200 Hz – 18 kHz (- 3dB) ⁽¹⁾
Impedance	16 Ω / 64 Ω (selectable)
SPL 1W/1mt	86 dB ⁽²⁾
Maximum SPL	108 dB (cont.) – 114 dB (peak) ⁽³⁾
	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
Dimensions	3.8 x 50 x 2,1 cm (1.5" x 19.7" x 0.8")
Weight	0.67 kg (1.48 lbs)

Notes for data

- 1. With dedicated preset;
- 2. Measured @4 mt then scaled @1 mt;
- 3. Measured with musical signal

New materials and design are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this catalogue.

