

KV50

Ultra-flat line array element

Features:

- Unique performance-to-size ratio
- Vertical, Horizontal and 3D line-array applications
- Multiple 1" long-excursion full-range cone drivers
- Wide horizontal coverage
- Very flat profile
- Integrated mounting hardware
- Selectable 16 Ohm or 64 Ohm impedance
- Top quality components for outstanding performance
- Available in black or white

Applications:

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

The KV50 is a very compact, ultra-flat line array element comprised of 8 x 1" neodymium transducers in a strong aluminum chassis. Its wide dispersion pattern can be configured horizontally or vertically. A number of KV50 speakers can also be put together in multiple array configurations.

Each speaker can be set for 16 or 64 Ohms eliminating the need for 70volt transformers in distributed systems. The KV50 reproduces the full vocal frequency range with clear intelligibility. This can be augmented with the KKS50 or KL12 sub to extend the operating frequency range.

A variety of accessories provide numerous mounting options for permanent and portable installations.

KA series amplifiers have presets specifically optimized for KV50 applications.

All the KV50 components are designed by the K-array R&D department and custom made under the K-array quality control system.

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DATASHEET



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KV50	
Acoustics	
Power handling	150 w ^(AES)
Max Power	300 w ¹
Impedance	16Ω or 64Ω (selectable)
Frequency range	200 Hz - 20 KHz.
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 75" voice coil
Audio Input	
Connectors	2 x 2-pin screw terminals
Recommended Amplifiers	
Type	KA7, KA7-7, KA10, KA10-10, KA40 (with dedicated preset)
Physical	
Dimensions	3.6 x 50 x 2.1 cm (1.42" x 19.69" x 0.83")
Weight	0.67 Kg (1.48 lbs)
<p>Notes for data</p> <p>1. Maximum RMS applicable power for a musical signal, the reference signal is the one proposed by EIAJ standard.</p> <p>2. Measured @4 mt then scaled @1 mt</p> <p>New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this brochure.</p>	

DISPERSION GRAPHS

