

# KK50

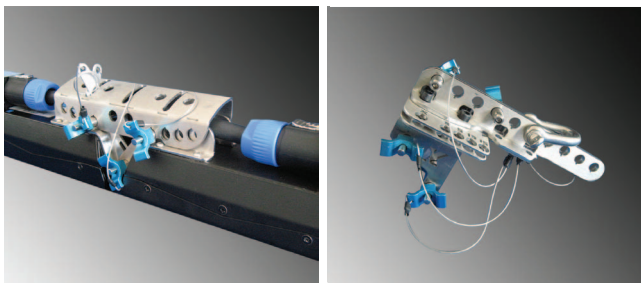
3D line-array element

## Features:

- Unique performance-to-size ratio
- Vertical, Horizontal and 3D line-array applications
- Multiple 2" long-excursion full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Integrated mounting hardware and accessories
- Selectable 16 Ohm or 64 Ohm impedance
- Selectable channel A or B
- Top quality components for outstanding performance
- Weather proof, suitable for outdoor installations
- Available in black or white

## Applications:

- Theatre, Club, Churches
- Front fill and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring



The KK50 is a compact, line array element comprised of 8 x 2" neodymium transducers in a strong stainless steel chassis. Its wide dispersion pattern can be configured horizontally or vertically. A number of KK50 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 KK50 reproduces the full vocal frequency range with clear



## DATASHEET



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 KK50 applications. All KK50 components are designed by the K-array R&D department and custom made under the K-array quality control system.

[www.k-array.com](http://www.k-array.com)

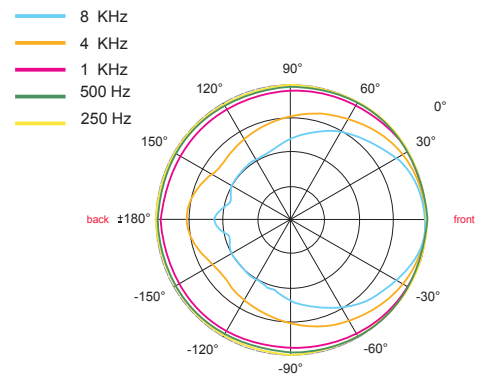
HP Sound Equipment s.r.l. Viale Roma 7/i - 50037 - San Piero a Sieve (FI), Italy  
tel. +39 055 8487222 - fax. +39 055 8487238 - e-mail: [info@k-array.com](mailto:info@k-array.com)

<b>KK50</b>	
<b>Acoustics</b>	
Speaker power handling	150 W <sup>(AES)</sup>
Max power	300 W <sup>1</sup>
Impedance	16 Ω or 64 Ω (Selectable)
Frequency range	150 Hz - 19 KHz
SPL 1W/1mt	92 dB <sup>2</sup>
Maximum SPL	114 dB continuous - 120 dB peak
<b>Coverage</b>	
Horizontal	100°
Vertical	10°
<b>Crossover</b>	
Type	External crossover required
Frequency	150 Hz, 24 db/oct suggested minimum
<b>Transducers</b>	
Full-range	8 x 2" neodymium 0.75" voice coil
<b>Power Audio Input</b>	
Connectors	2 x 4-pins Speakon
Wiring	Pin 1+ (IN/OUT 1+) Pin1- (IN/OUT 1-) Pin 2+ (IN/OUT 2+) Pin2- (IN/OUT 2-)
<b>Selection Switches</b>	
Impedance	16 Ω - 64 Ω
Channel	CH1 - CH2
<b>Recommended Amplifiers</b>	
Type 64 Ω	KA7, KA7-7, KA10, KA10-10, KA40 for up to 16 units each channel with dedicated preset
Type 16 Ω	KA7, KA7-7, KA10, KA10-10 for up to 4 units each amplifier with dedicated preset
<b>Physical</b>	
Dimensions	5.7 x 51.3 x 7.5 cm (2.24" x 20.2" x 2.95")
Weight	1.8 Kg (3.97 lbs)
<p><i>Notes for data</i></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>	

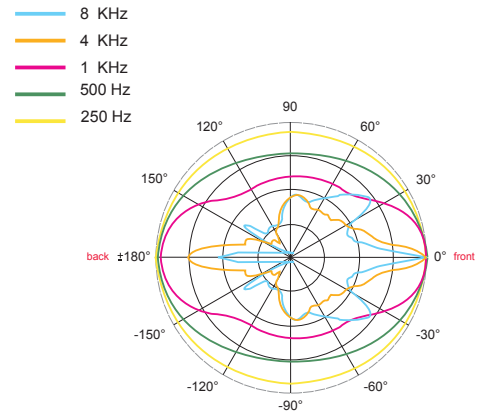
### Accessories:

- **K-KLINK:** Link hardware for Kobra line array elements
- **K-KFLY:** tilter for flown line array applications
- **K-KCLAMP:** Clamp for hanging
- **K-KWALL:** Bracket for wall fixing
- **K-KWIRE:** 2-channels link cable
- **K-K35MM:** 35mm adapter

### DISPERSION GRAPHS



horizontal



vertical