

KK100

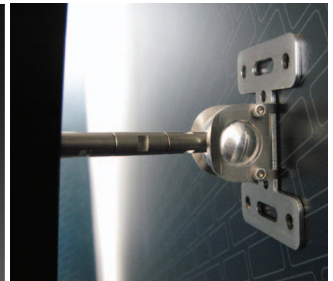
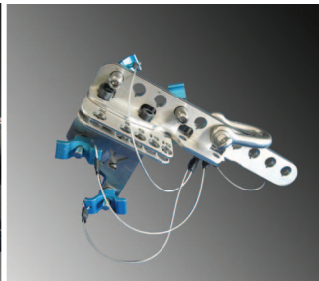
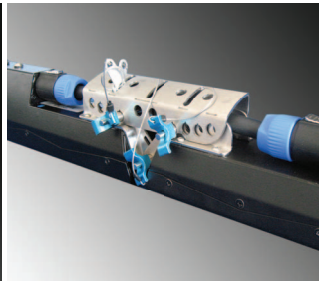
3D Line array element

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 4 Ohm or 16 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 KK100 is a compact line array element comprised of 16 x 2" neodymium transducers in a strong stainless steel chassis. Its wide dispersion pattern can be configured horizontally or vertically. A number of KK100 speakers can also be put together in multiple array configurations. Due to their slim profile and minimum distance between drivers they exhibit excellent phase coherent pattern control.

The speaker has an impedance selectable at 8 Ohms or 35 Ohms, eliminating the need for 70volt transformers in distributed systems. The KK100 reproduces the full vocal frequency range with clear intelligibility.



DATASHEET



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 KK100 applications.

All KK100 components are designed by the K-array R&D department and custom made under the K-array quality control system.

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

	KK100
	Acoustics
Speakers power handling	300 W ^(AES)
Max power	600 W ¹
Impedance	8Ω or 32Ω (Selectable)
Operating frequency range	150 Hz - 20 KHz.
SPL 1W / 1mt	95 dB ²
Maximum SPL	119 dB continuous - 125dB peak
	Coverage
Horizontal	100°
Vertical	7°
	Crossover
Type	External Crossover required
Frequency	high pass @150 Hz, 24 dB/oct
	Transducers
Full range	16 x 2" Neodymium magnet with 0.75" voice coil
	Power Audio Input
Connectors	2 x 4-pin Speakon
Wiring	CH.1 (1+ 1-) CH.2 (2+ 2-)
	Selection Switch
Channel	CH.1 - CH.2
Impedance	8Ω - 32Ω
	Recommended Amplifiers
8Ω	KA10, KA10-10, KA40 (for up to 4 x KK100/channel) (with dedicated preset)
	Physical
Dimensions	5.7 x 104.2 x 7.5 cm (2.24" x 41.02" x 2.95")
Weight	3.8 Kg (8.38 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>

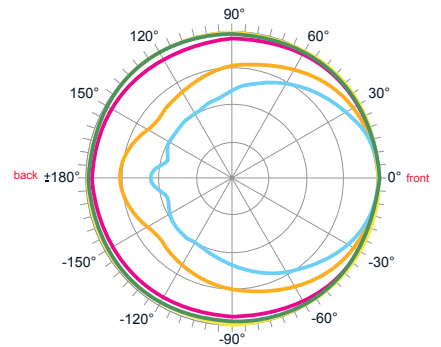
Accessories:

- **K-KLINK:** Link hardware for Kobra line array elements
- **K-KFLY:** filter 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

- 8 KHz
- 4 KHz
- 1 KHz
- 500 Hz
- 250 Hz

horizontal



vertical

