

KP102

3D line-array element,
variable beam speaker

array
K

DATASHEET

Features

- Unique performance-to-size ratio
- Vertical, Horizontal and 3D line-array applications
- Multiple 3.15" long-excursion full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 4 Ohm or 16 Ohm impedance
- Selectable vertical pattern (Spot - Flood)
- Weather proof, suitable for outdoor installations
- Available in black or white

Applications

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

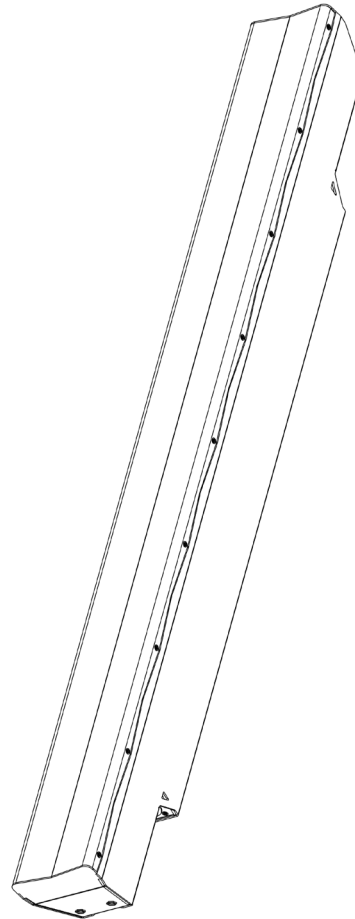
Accessories

K-BASE2, K-FLY2, KK-CLUSTER2, K-FOOT2, K-JOINT2,
KK-STAGE, K-WALL2L, K-WALL2LW, K-WALL2,
K-WALL2W, K-KCLAMP/S, K-KCLAMP

The K-array Pythons are passive speaker systems, comprised of 3.15" neodymium magnet transducers housed in an elegant and sturdy stainless steel chassis. The KP102 features 16 drivers in a 1 m (39.4") chassis. The Kobras' closely spaced cone drivers provide phase coherence, low distortion and focused listening both up close and at a distance.

To accommodate a range of applications, the vertical dispersion pattern can be switched for either wide or narrow coverage. Optional rigging and linking accessories allow multiple speakers to be interconnected, creating a wide array of vertical and horizontal configurations for temporary or permanent installation.

For integration with other speakers or amplifiers, the



KP102 offers selectable impedance (4Ω / 16Ω). Set to 16Ω, up to four KP52s can be powered via a single amplifier channel, simplifying installation of wider distributed installed systems.

Pythons are able to reproduce the entire vocal frequency range with excellent intelligibility, starting from 150 Hz. Integrating powered subwoofers from K-array's Redline series (KMT12, KMT18, KMT21) ensures excellent coverage of the entire musical frequency range. K-array's KA amplifier series also features custom presets, optimized for use with the Python series.

All Python components are designed by K-array and custom-made under K-array's quality control system.

KP102	
Acoustics	
Power handling	720 W ^(AES)
Max power	1200 W ¹
Impedance	4Ω or 16Ω (selectable)
Frequency range	100 Hz - 20 KHz.
SPL 1W / 1mt	99 dB ²
Maximum SPL	128 dB continuous - 134 dB peak
Coverage	
Horizontal	90°
Vertical	7° - 30° (selectable)
Crossover	
Type	External Crossover required
Frequency	High pass @100 Hz, 24 dB/oct suggested minimum
Transducers	
Full range	12 x 3.15" Neodymium magnet with 1" voice coil
Power Audio Input	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Selection Switch	
Vertical pattern	Spot - Flood
Impedance	4Ω - 16Ω
Physical	
Dimensions	8.8 x 100 x 11.8 cm (3.56" x 39.4" x 4.65")
Weight	12 Kg (26.45 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><i>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</i></p>	

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