

Kobra-KK52 I

3D line array element, variable beam speaker



Kobra-KK52 I

Kobra-KK52W I

DATASHEET

Installed Sound Kobra-KK52I

DESCRIPTION

The K-array Kobra-KK52 I is a passive speaker system comprised of eight 2" neodymium magnet transducers housed in an elegant and sturdy stainless steel chassis. The vertical dispersion pattern can be switched for wide or narrow coverage, allowing for a great variety of applications. 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 variety of rigging accessories provides many linking and hanging options for

the KK52 I (0.5 meter) and the larger (1 meter) KK102 I to be combined in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations. For easier use and integration with other speakers or amplifiers, the KK52 I allows the user to select two different values of impedance (16Ω – 64Ω). At 64Ω as many as 8 KK52 I speakers can be powered off a single amplifier channel at 8Ω (up to 16 elements @ 4Ω). The KK52 I is able to reproduce the whole vocal frequency range

with high intelligibility, starting from 150 Hz. Integrating one of the K-array powered subwoofers (KMT12, KMT18, KMT21), configured with specific presets for the KK52 I assures excellent coverage of the entire musical frequency range. The K-array KA amplifier series have presets optimized for KK52 I use. All Kobra KK52 I components are designed by the K-array R&D department and custommade under the K-array quality control system.

COLORS & PREMIUM FINISHES AVAILABLE



Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

SUGGESTED ACCESSORIES

- | | |
|---------|----------|
| K-BASE2 | K-JOINT2 |
| K-FLY2 | K-WALL2 |
| K-FOOT2 | K-WALL2L |

FREQUENT APPLICATIONS

- AUDITORIUMS, EDUCATION & GOVERNMENT
- FITNESS & WELLNESS
- THEATERS & CONCERT HALLS
- STADIUMS & SPORT VENUES
- EVENT PRODUCTIONS
- CAFES, BISTROS & RESTAURANTS
- BROADCAST & STUDIOS
- RETAIL

FEATURES

- Visually Discreet
- Weather Resistant
- Lightweight & Compact
- Selectable Coverage
- Selectable Impedance
- Pure Array Technology (PAT)

TECHNICAL SPECIFICATIONS

ACOUSTICS	
Power handling	200 W ^(AES)
Frequency range	150 Hz - 20 KHz ⁽¹⁾
Impedance	16Ω or 64Ω (selectable)
SPL 1W/1mt	95 dB ⁽²⁾
Maximum SPL	118 dB continuous - 124 dB peak ⁽³⁾
COVERAGE	
Horizontal	110°
Vertical	10° - 60° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 x 2" Neodymium magnet with 0.75" voice coil
SELECTION SWITCHES	
Impedance	16Ω - 64Ω
Coverage	Spot - Flood
POWER AUDIO INPUTS	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
RECOMMENDED AMPLIFIERS	
Type	KA24, KA84, KMT
CERTIFICATIONS	
IP	54
EVAC	EN54-24
PHYSICAL OVERVIEW	
Dimensions	5.9 x 50.0 x 8.1 cm (2.93" x 19.68" x 3.18 ") ⁽⁴⁾
Weight	2.3 Kg (5.07 lb)
<p>Notes for data</p> <ol style="list-style-type: none"> With dedicated preset; Measured @8 m, then scaled @1 m; Measured with musical signal; (W x H x D). <p>New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented here catalogue.</p>	



Kobra-KK102 I+
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Kobra-KK52 I+
K-FLY2



Kobra-KK52 I+
K-KWall2

