

# KZ10

Ultra miniaturized line-array element

## Features:

- Multiple 0.5" long excursion full range drivers
- Wide range frequency response
- Integrated connector
- Full aluminum ultra strong frame
- Available in Black or White
- High dynamic range capability
- Only 90g of weight

## Applications:

- Background music systems in restaurants and clubs
- High quality distributed systems for paging and music
- Exhibit audio for museum displays
- Space-sensitive fill for broadcast
- Technical



## DATASHEET



The KZ10 is a remarkable ultra micro line array designed for discreet use in a variety of situations such as restaurants, bars, museums etc.

The rugged enclosure contains a line array of 4 x 0.5" long excursion, full range drivers housed in a sleek case built around a super strong chassis. The high efficiency drive units have neodymium magnet structures and suspensions engineered for maximum linear excursion and minimum residual transducer noise. This miniature slim column is a mere 1.7cm deep and delivers true crystal clear audio with

an amazing output of 92dB continuous; remarkable from such a miniscule enclosure. The system delivers long throw and coherent coverage making it ideal for use in space constrained situations. Up to four KZ10's can be integrated to the KKS50 sub bass, extending the frequency range to 35Hz. The KZ10 weighs a mere 90g and measures 2.2 x 10 x 1.7cm. All the components are designed in-house at our Florence based R&D department. They are custom manufactured to our exacting standards and quality control system in Italy.

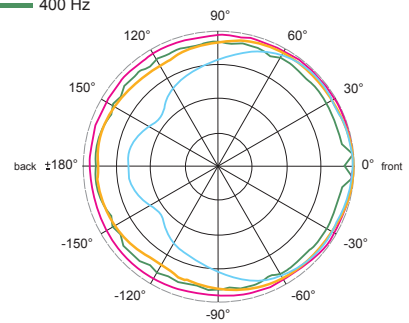
[www.k-array.com](http://www.k-array.com)

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>KZ10</b>	
<b>Acoustics</b>	
Speakers power handling	8 W <sup>(AES)</sup>
Max power	15 W <sup>1</sup>
Impedance	16 Ω
Operating frequency range	350 Hz - 18 KHz +/- 3dB
SPL 1W/1mt	82 dB <sup>2</sup>
Maximum SPL	92 dB continuous - 98 dB peak
<b>Coverage</b>	
Horizontal	140°
Vertical	20°
<b>Cross over</b>	
Type	External crossover required
Frequency	250Hz 24dB/oct suggested minimum
<b>Transducers</b>	
Full-range	4 x 0.5" Neodymium speakers with 0.5" voice coil
<b>Powered Input</b>	
Connection	2 X silicon screw
<b>Recommended Amplifiers</b>	
	KA1-1, KA3-3, KA7, KA7-7 to drive till 4 KZ10 each channel with dedicated preset
<b>Physical</b>	
Dimensions	2.1 x 10 x 1.2 cm (0.83"x 3.94"x 0.47")
Weight	40 g (0.09 lb)
<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>	

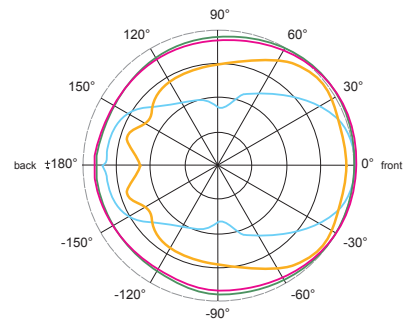
## DISPERSION GRAPHS

- 8 KHz
- 4 KHz
- 1 KHz
- 400 Hz



horizontal

- 8 KHz
- 4 KHz
- 1 KHz
- 400 Hz



vertical