



KZ10

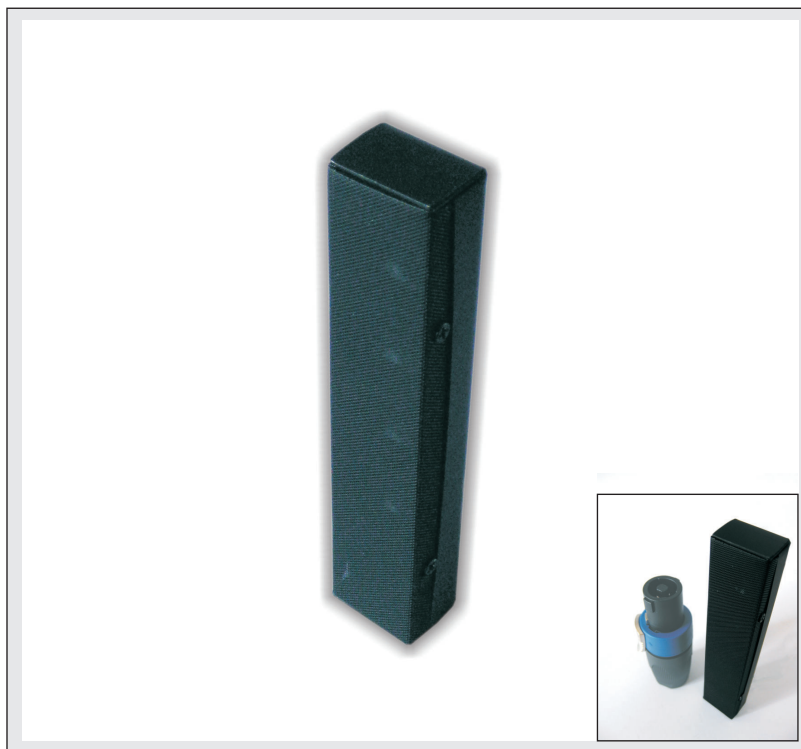
Ultra miniaturized line-array element

Features:

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

Applications:

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



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

This tiny line array is housed in a sleek case built around a super strong chassis. This rugged enclosure contains a line array of 4 x 0.5" long excursion full range drivers. These 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 whole package is housed in a heavy-duty case built to last, but not at the expense of weight. The KZ10 weighs a mere 90g and measures 2.2 x 11 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.

All K-Array systems have the huge advantage of compact systems that deliver in so many ways that the competition can only dream about.

Technical Details

Acoustics	
Power handling	8 w ¹
Max power	15 w ²
Impedance	16Ω
Operating frequency range	350 Hz - 18 KHz +/- 3dB (preset relating) ³
Frequency range	250 HZ - 18 KHz +/- 3dB (preset relating) ⁴
SPL 1W/1mt	82 dB ⁵
Maximum SPL	92 dB continuous - 98 dB peak ⁶
Coverage	
Horizontal	140°
Vertical	20°
Cross over	
Type	External crossover required
Frequency	250Hz 24dB/oct minimum suggested ⁷
Transducers	
Full range	4 x 0.5" Neodymium speaker with 0.5" voice coil
Audio and Power	
Connector	double push micro connector
Recommended amplifier	
Single ended	KA1-1 to drive till 2 KZ10 each channel KA7-7 to drive till 4 KZ10 each channel
Physical	
Measures	2.2 cm x 11 cm x 1.7 cm
Weight	90g

Notes for data

1. Power handling is measured following AES standard conditions: transducers driven continuously for two hours with a band-limited noise signal having 6 dB of crest factor.
2. Max power is the maximum RMS applicable power for a musical signal, the referment signal is the one proposed by EIAJ standard.
3. Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.
4. Free field measured with 1/3 octave frequency resolution at 2 mt.
5. Measured@4 mt then scaled@1 mt.
6. Measured with audio source @1 mt.
7. This is the frequency in which the transducers produce the same sound pressure level (measured@2 mt).
8. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance.

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.

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