

Lyzard-KZ12

Ultra-miniature line array element



Lyzard-KZ12W



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DATASHEET

Installed Sound Lyzard-KZ12

DESCRIPTION

The Lyzard-KZ12 is a remarkable ultra-micro line array designed for discreet use in a variety of intimate environments such as restaurants, bars and museums.

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 only 1.2 cm wide and delivers true crystal clear audio with an amazing output of 92 dB 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

Lyzards can be integrated with the KU sub bass line, extending the frequency range to 35 Hz. The KZ12 weighs a mere 46 g and measures 2.2 x 10 x 1.2cm.

All the KZ12 components are designed at our Florence-based R&D department. They are custom manufactured to our exact standards and quality control system in Italy.



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.

COLORS & PREMIUM FINISHES AVAILABLE



FEATURES



FREQUENT APPLICATIONS

- MUSEUMS
- HOTELS
- THEME PARKS
- BROADCAST & STUDIOS
- RETAIL
- CAFES, BISTROS & RESTAURANTS
- AUDITORIUM, EDUCATION & GOVERNMENT
- HOUSES OF WORSHIP

TECHNICAL SPECIFICATIONS

ACOUSTICS	
Max power handling	8 W ^(AES)
Impedance	16Ω
Frequency range	250 Hz – 18 KHz +/- 6dB ⁽¹⁾
SPL 1W/1mt	82 dB ⁽²⁾
Maximum SPL	92 dB continuous – 98 dB peak ⁽³⁾
COVERAGE	
Horizontal	140°
Vertical	20°
CROSSOVER	
Type	External Crossover required
Frequency	250Hz 24dB/oct suggested minimum
TRANSDUCERS	
Full-range	4 x 0.5" Neodymium speakers with 0.5" voice coil
POWER AUDIO INPUT	
Connectors	IN+ IN- (to be soldered or screwed)
RECOMMENDED AMPLIFIERS	
	KA14, KA24 for up to 4 units each channel
PHYSICAL OVERVIEW	
Dimensions	2.1 x 10.0 x 1.2 cm (0.83"x 3.93"x 0.47") ⁽⁴⁾
Weight	45.5 g (0.10 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>	

