

# Lyzard - KZ12

Ultra miniaturized line-array element



KZ12



KZ12W

Installed sound KZ12

## Features

---

- Multiple 0.5" long excursion full range drivers
- Wide range frequency response
- Integrated connector
- Full aluminum ultra strong frame
- Available in Black or Silver
- High dynamic range capability
- Only 46g 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

The KZ12 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 1.2cm 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 KZ12's can be integrated to the KU36 sub bass, extending the frequency range to 35Hz. The KZ12 weighs a mere 46g and measures 2.2 x 10 x 1.2 cm.

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.

### KZ12 specs

| Acoustics              |   |
|------------------------|---|
| Max power handling     | 8 W   |
| Impedance              | 16 Ω  |
| Frequency range        | 250 Hz – 18 KHz +/- 6dB <sup>(1)</sup>              |
| SPL 1W/1mt             | 82 dB <sup>(2)</sup>                                |
| Maximum SPL            | 92 dB continuous – 98 dB peak <sup>(3)</sup>        |
| Coverage               |   |
| Horizontal             | 140°  |
| Vertical               | 20°   |
| Crossover              |   |
| Type                   | External cross over required                        |
| Frequency              | 250Hz, 24dB/oct suggested minimum                   |
| Transducers            |   |
| Full-range             | 4 x 0.5" Neodymium cone driver with 0.5" voice coil |
| Powered Input          |   |
| Connectors             | IN+ IN- (to be soldered or screwed)                 |
| Recommended Amplifiers |   |
|                        | KA24 for up to 4 units each channel                 |
| Physical               |   |
| Dimensions             | 2.1 x 10.0 x 1.2 cm (0.83"x 3.94"x 0.47")           |
| Weight                 | 45.5 g (0.10 lb)                                    |

**Notes for data**

1. With dedicated preset;
2. Measured @8 m, then scaled @1 m;
3. Measured with musical signal;

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

