



KYRA12

Design column speaker 12 x 2"

Highlights:

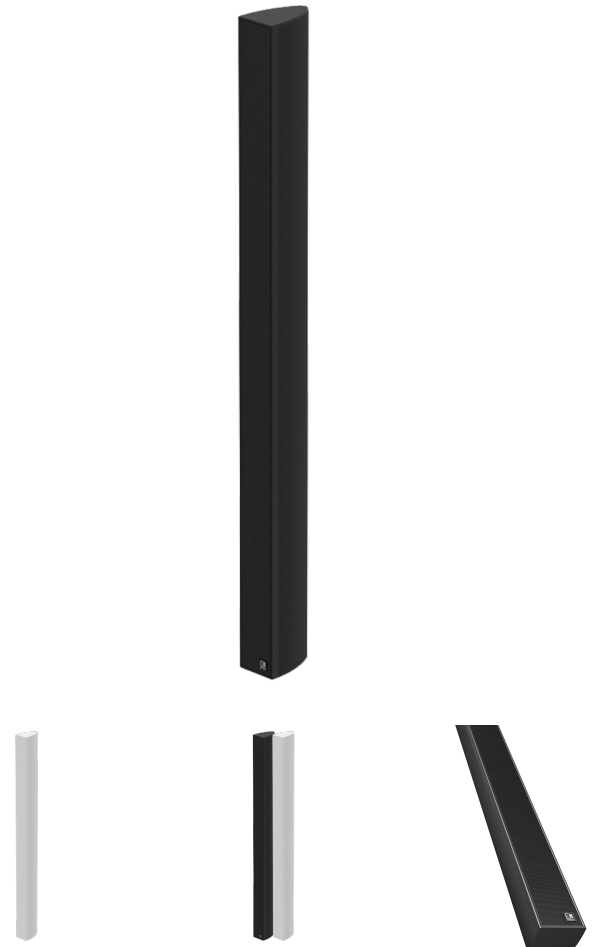
- Multi-tapping 100V line transformer
- Multi-functional wall bracket allowing swiveling and down-tilting
- Slimline aluminum design
- 12 x 2" high-quality broadband speakers

The KYRA12 design column speaker consists of 12 x 2" high-quality aluminum cone full-range drivers, delivering extraordinary clarity and detailed sound. The overall continuous power handling reaches 120 Watt and the beamwidth of 170° x 20° makes it the perfect match for acoustically difficult venues, reducing echo and microphone feedback which optimizes the speech intelligibility in reverberant venues.

A multi-tapping line transformer allows it to be connected to 70V/100V public address systems with different power taps for 40W, 20W and 10W and/or low impedance (12Ω) systems.

Applications:

- Education
- Public facilities
- Corporate spaces
- Houses of worship
- Events



Impedance:



Voltage:



System specifications:

| | | |
|----------------------------|------------------------|--|
| Speaker type | | Broadband column |
| Max. Power | | 240 W |
| RMS Power | | 120 W |
| Impedance | | 12 Ω |
| Sensitivity (1W/1m) | | 92 dB |
| Sound Pressure (Max. W/1m) | | 113 dB |
| Frequency | Range (-10 dB) | 120 Hz - 20 kHz |
| | Response (\pm 3 dB) | 150 Hz - 20 kHz |
| Drivers | | 12 x 2" |
| Line Transformer Tappings | 1 | 40 W - 125 Ω (70V) |
| | 2 | 250 Ω - 100 V / 40 W - 70 V / 20 W |
| | 3 | 500 Ω - 100 V / 20 W - 70 V / 10 W |
| | 4 | 1000 Ω - 100 V / 10 W - 70 V / 5 W |
| Ingress Protection rating | | IP3x |
| Temperature | Operating | -20 - +50 $^{\circ}$ C |
| Incline angle | Left | 42 $^{\circ}$ |
| | Right | 42 $^{\circ}$ |
| | Bottom | 13 $^{\circ}$ |
| Dispersion | Horizontal | 260 $^{\circ}$ (-6 dB average 100 Hz – 10 kHz) |
| | Vertical | 90 $^{\circ}$ (-6 dB average 100 Hz – 10 kHz) |

Product Features:

| | | |
|--------------|----------|--|
| Front finish | | Steel grill |
| Construction | | Aluminium with plastic side covers |
| Dimensions | | 70 x 1006 x 101 mm (W x H x D) |
| Colours | | Black (KYRA12/B - RAL9005) |
| | | White (KYRA12/W - RAL9003) |
| Accessories | Included | 2-way Revolving mounting bracket |
| | | 1 x 3-pin Euro Terminal Block Input connectors |

Architects' and Engineers' Specifications:

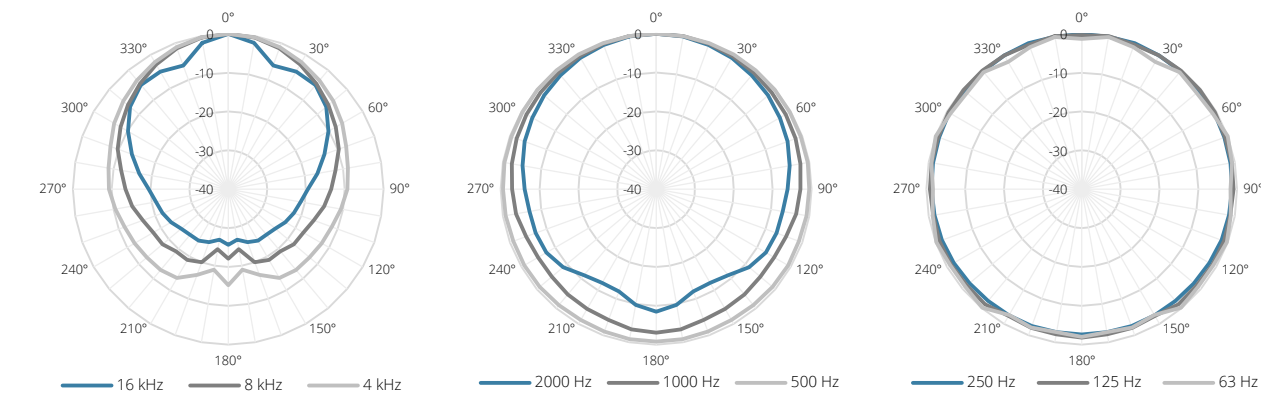
The loudspeaker must be a surface-mount column type, consisting of 12 x 2" aluminum cone full-range drivers, which are fitted inside a slim and elegant designed enclosure.

It shall be fitted with a multi-tapping line transformer allowing the speaker for being used in 70/100V public address systems or standard low impedance (12 Ω) audio systems. It must have an RMS power handling of 60 Watt with a maximum power handling of 120 Watt and the frequency response (± 3 dB) should range from 150 Hz to 20 kHz. The sensitivity must reach 92 dB when measured with an input signal of 1 Watt at a distance of 1 meter, while a maximum continuous sound pressure level of 113 dB should be reached. The nominal dispersion shall be a 260° horizontal and 90° vertical coverage pattern at -6dB (average 100 Hz - 10 kHz).

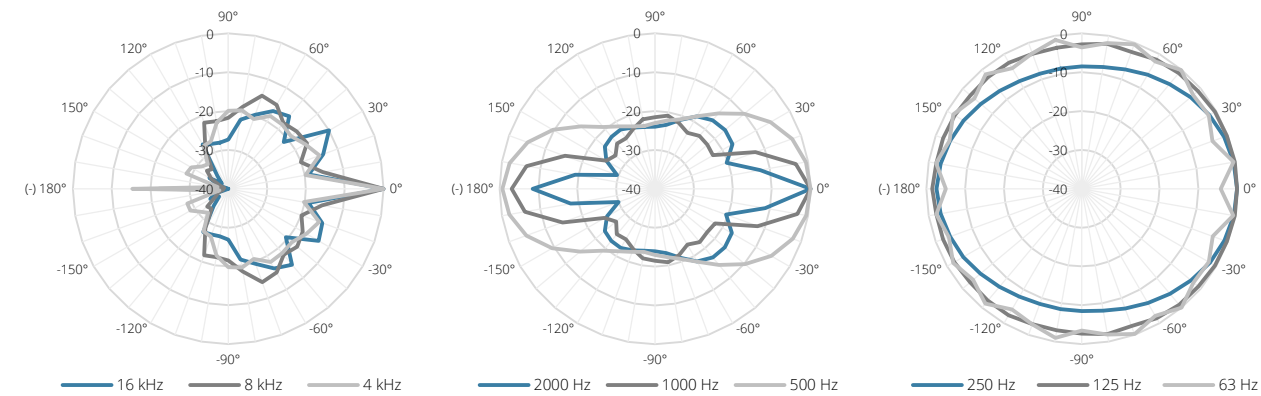
The line transformer power taps shall be selectable through a rotary selector switch on the rear side of the speaker and adjustable in steps of 40W, 20W and 10W for 70/100V (a 5W tapping is available for 70V use). Fast and reliable connections shall be possible through a 3-pin terminal block connector.

The speakers' enclosure shall be constructed of high-quality aluminum materials with a fine perforated steel grill front finishing which comes available in both white (RAL9003) and black (RAL9005) colors. Optimal directional placement shall be possible through the included multi-functional wall bracket allowing side swivelling over a range of 0° to 42° in both directions and down tilting with an angle up to 13°. The speakers' enclosure shall be 1008 mm high, 70 mm wide and 147 mm deep (including the height of the mounting bracket) and the weight shall not exceed 4.3 Kg.

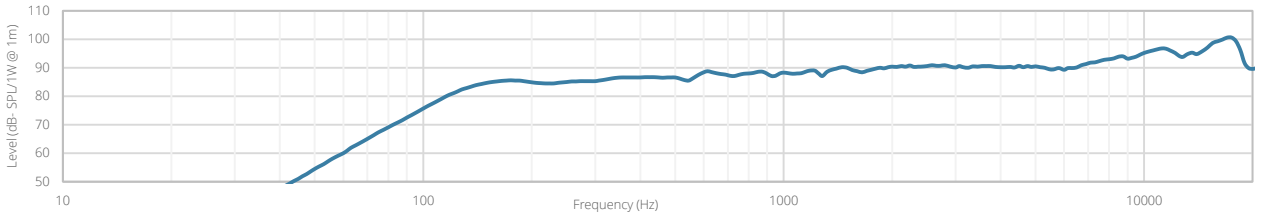
Horizontal Polars:



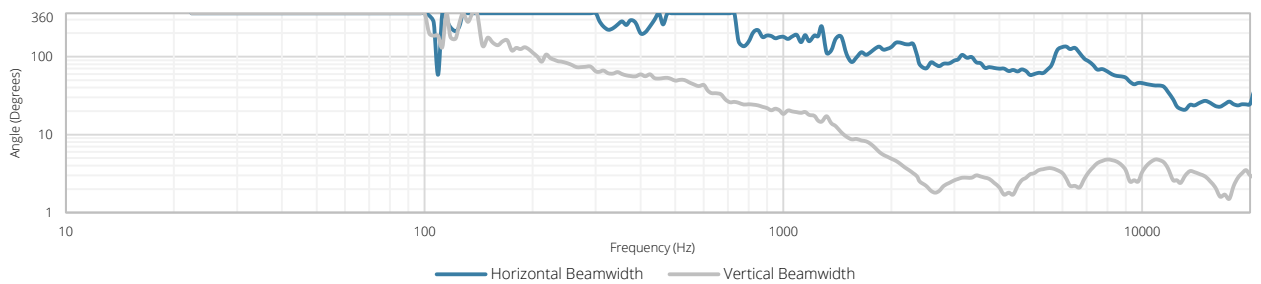
Vertical Polars:



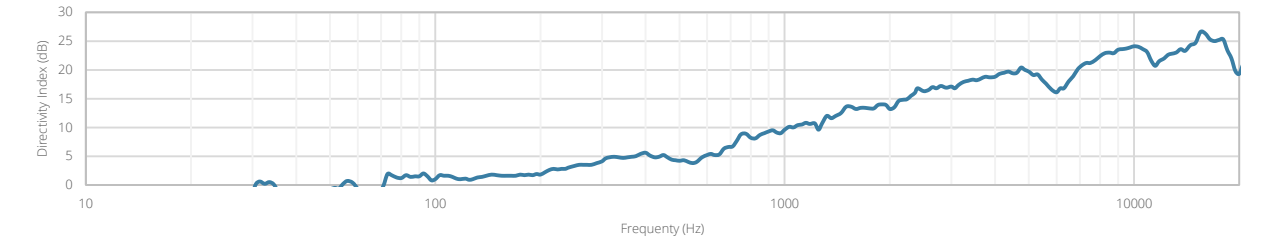
Sensitivity:

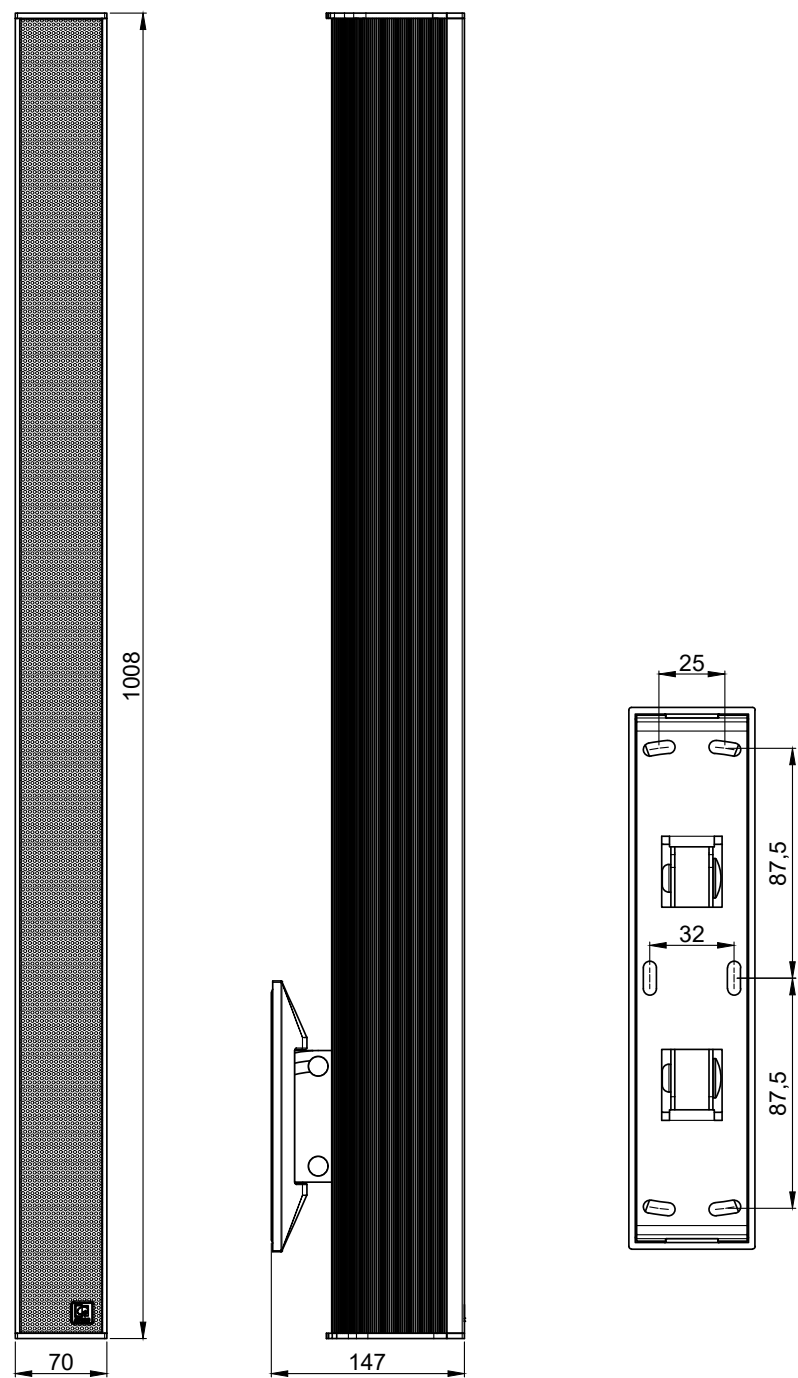


Beamwidth (-3dB):



Directivity index:





KYRA12

Product description:
DESIGN COLUMN SPEAKER 120W - 70V/100V & 12 OHM

Weight:
4,3 kg

Outer dimensions:
(w x h x d)
70 x 1008 x 147

Unit height:
N/A