

## 5" Fixed-Installation Speaker

### FEATURES

- Compact unobtrusive design
- Premium European high-efficiency custom IDEA Transducers
- Dedicated wall-mount accessory included
- 16 Ohm (8Ω version available on demand)
- Euroblock connectors
- Rugged 15-mm Birch Plywood construction and finish
- Durable Aquaforce paint, available in standard textured black or white
- Optional RAL colours on demand



### APPLICATIONS

- A/V portable and installed sound reinforcement
- FG/BG music reproduction in distributed audio installed solutions
- Commercial and High Power Domestic applications

### OVERVIEW

**LUA** Series models are compact, passive loudspeakers that deliver outstanding sonic definition and versatility that combine professional finish and solid construction with original stylish design and excellent acoustic qualities that are ideal for professional audio playback in mobile, AV and distributed sound installed solutions. Ideal for restaurants, pubs, lounges, museums, ...

**LUA** loudspeakers are specially indicated for fixed installations and those applications in which acoustical performance and aesthetics are essential, above absolute power delivery and road-readiness.

**LUA5i** has been designed as a High-Fidelity work-horse for installations of distributed audio that require truly superior BGM reproduction with minimal impact on the aesthetics of the location and truly rugged and solid construction compared to most products in this category.

#### **BR-L5i Included Wall-mount accessory.**

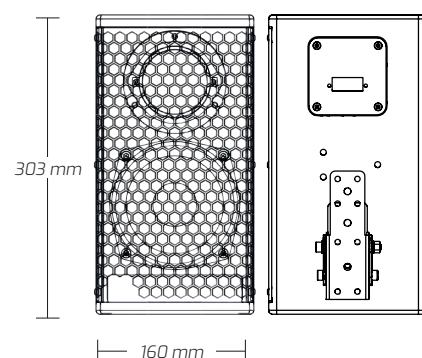
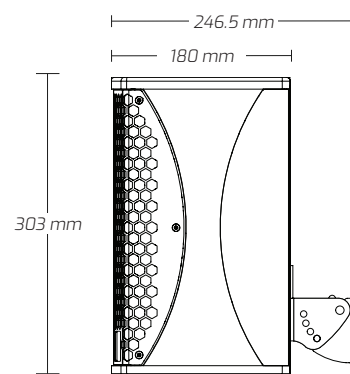
**LUA5i** features a 1" dome tweeter and a high-performance 5" woofer in a front-firing ported trapezoidal cabinet built with 12-mm Birch plywood and durable, high resistant **IDEA** paint coating. The front side of the loudspeaker is protected by a 1.5-mm weatherized steel grille and a internal protective foam.

Installation of **LUA5i** is a quick, straightforward operation thanks to the included rear wall-mount accessory. Six M6 inserts in the rear side of the cabinet allow for both vertical and horizontal installation with the wall-mount bracket.



## TECHNICAL DATA

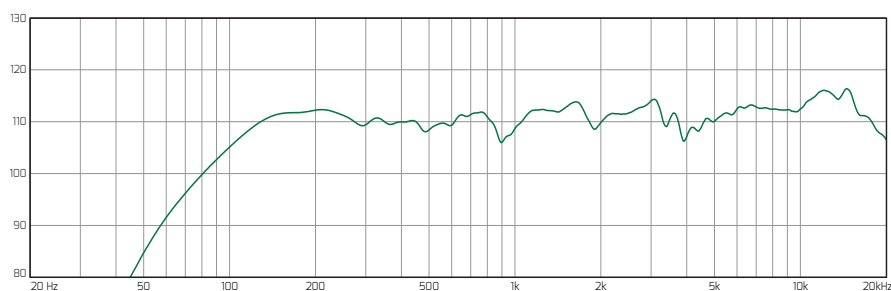
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|--------------------------|--|
| Enclosure design         | Rectangular  |
| HF Transducer            | 1" Dome Tweeter  |
| LF Transducer            | 1 x 5" High performance woofer   |
| Power Handling (RMS)     | 150 W  |
| Nominal Impedance        | 16 Ohm (8Ω version available on demand)                                  |
| SPL (Continuous/Peak)    | 113/119 dB SPL   |
| Frequency Range (-10 dB) | 87 - 23000 Hz  |
| Frequency Range (-3 dB)  | 120 - 180000 Hz  |
| Coverage                 | 70° Axisymmetric   |
| Dimensions (WxHxD)       | 160 x 303 x 180 mm (6.3 x 11.9 x 7.1 in)                                 |
| Weight                   | 5.6 kg (12.3lb)  |
| Connectors               | Euroblock  |
| Cabinet Construction     | 15 mm Birch Plywood  |
| Grille                   | 1.5 mm perforated weatherised steel with protective foam                 |
| Finish                   | Durable IDEA proprietary Aquaforce high-resistance paint coating process |
| Installation             | 6 x M6 inserts   |
| Accessories              | Wall mount (WM LUA5i)  |



## ACOUSTICAL MEASUREMENTS

### FREQUENCY RESPONSE

dB SPL

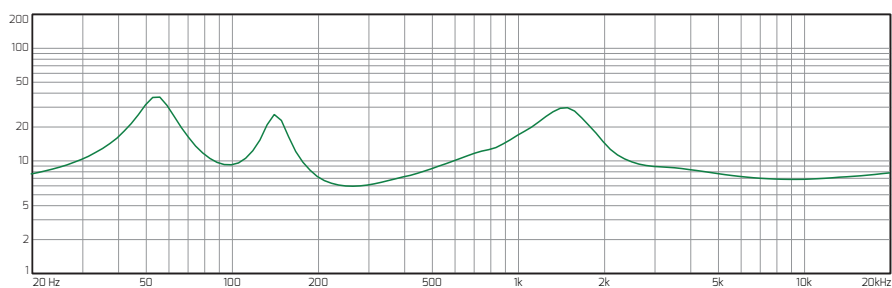


This graph shows the frequency response for a 1-watt swept sine signal in an anechoic environment (4pi), measured at 3 m and scaled down at 1 m.

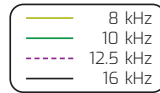
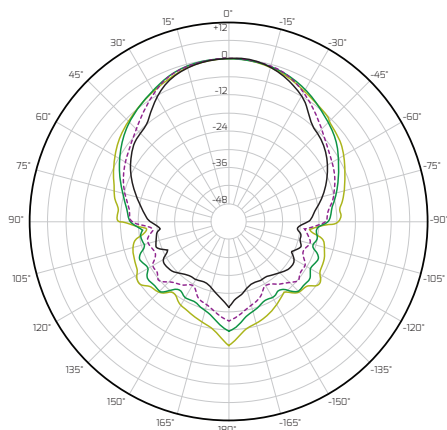
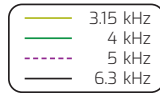
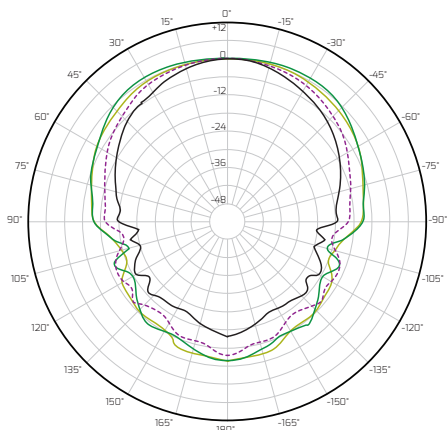
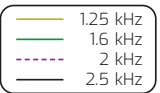
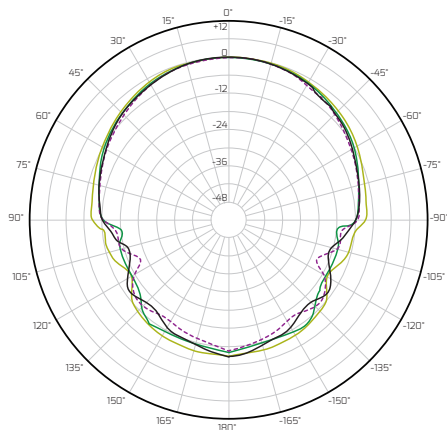
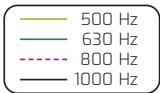
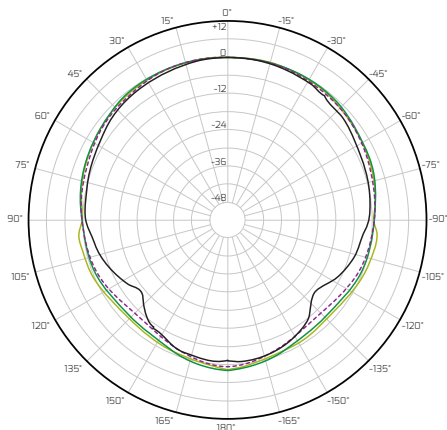
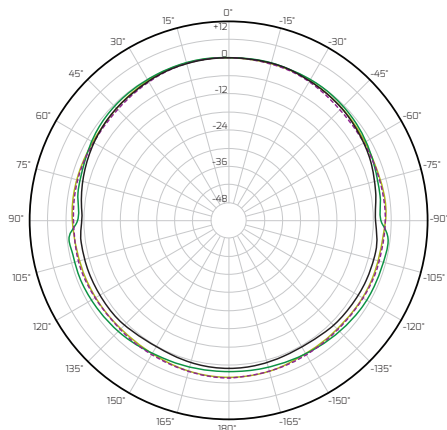
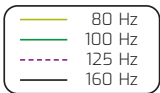
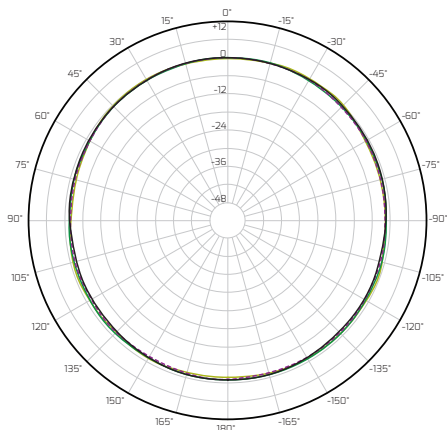
In order to provide more precise information for acoustical analysis, a 1/12 octave smoothing has been applied.

### IMPEDANCE

Ohm



HORIZONTAL 1/3 OCTAVE POLARS



## VERTICAL 1/3 OCTAVE POLARS

