

6" Fixed-Installation Speaker

FEATURES

- Compact unobtrusive design
- Premium European high-efficiency custom IDEA Transducers
- Dedicated wall-mount accessory included
- 16 Ohm Passive
- 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

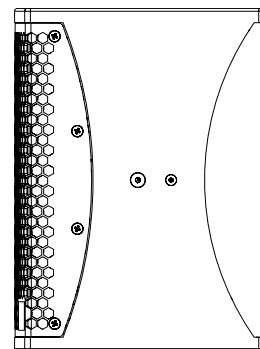
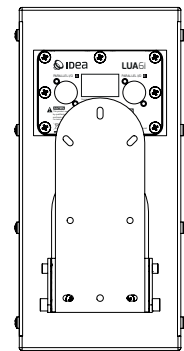
LUA Series models are compact, passive loudspeakers that deliver outstanding sonic definition and versatility that combine professional finish and solid construction with original stylish design and excellent acoustic qualities that are ideal for professional audio playback in mobile, AV and distributed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

LUA i 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.

LUA6i 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 mosts products in this category. **LUA6i** shares the concept and advantages of **LUA5i**, with increased LF extension and power handling so that, depending on the application, can be used with or without subwoofers.

LUA6i features a 1" dome tweeter and a high-performance 6" 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 weatherised steel grille and a internal protective foam.

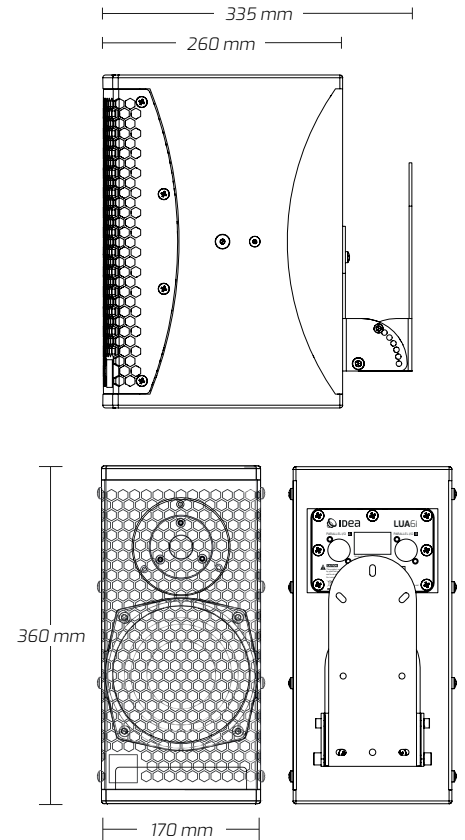
Installation of **LUA6i** is a quick, straightforward operation thanks to the optional rear wall-mount accessory. Six M6 inserts in the rear side of the cabinet allow for both vertical and horizontal installation with the wall-mount bracket.



LUA6i with rear wall-mount accessory UB-L6i-R

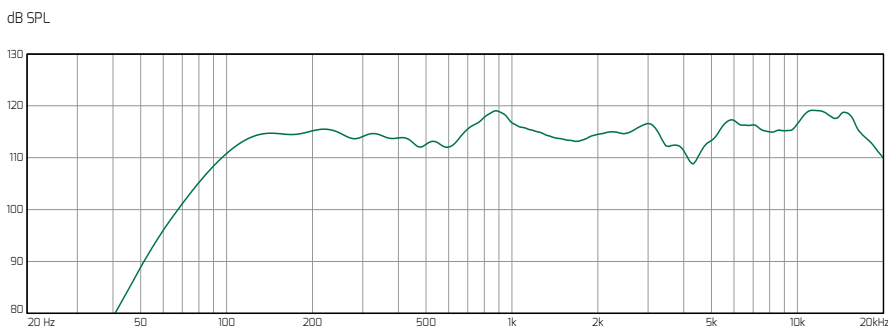
TECHNICAL DATA

| | |
|--------------------------|---|
| Enclosure design | Rectangular |
| HF Transducer | 1" Dome Tweeter |
| LF Transducer | 1 x 6" High performance woofer |
| Power Handling (RMS) | 200 W |
| Nominal Impedance | 16 Ohm |
| SPL (Continuous/Peak) | 115/121 dB SPL |
| Frequency Range (-10 dB) | 80 - 23000 Hz |
| Frequency Range (-3 dB) | 100 - 19000 Hz |
| Coverage | 70° Axisymmetric |
| Dimensions (WxHxD) | 170 x 360 x 260 mm (4 x 14.2 x 10.2 in) |
| Weight | 8.8 kg (19.4 lb) |
| Connectors | 2 x Neutrik speakOn NL-4 in parallel |
| +/-1 | Input |
| +/-2 | Link |
| 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 | 4 x M6 inserts |
| Accessories | U-bracket horizontal (UB-L6i-H), U-bracket vertical (UB-L6i-V), Wall Mount (WM-L6i) |



ACOUSTICAL MEASUREMENTS

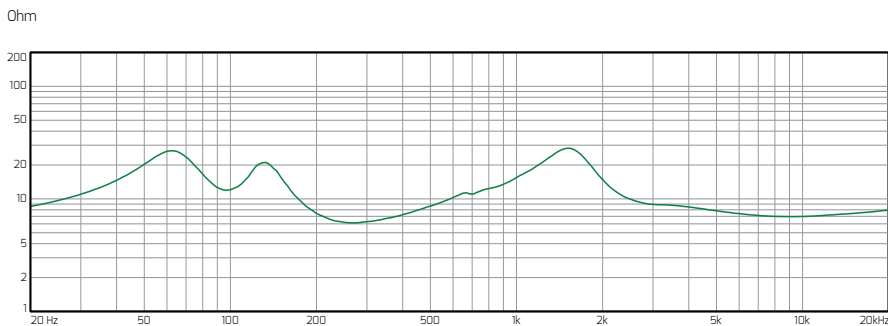
FREQUENCY RESPONSE



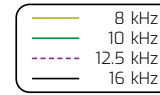
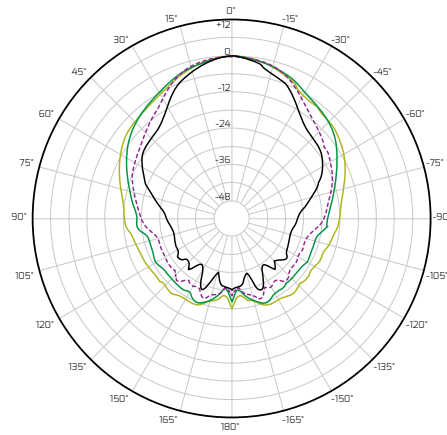
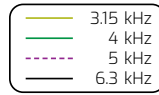
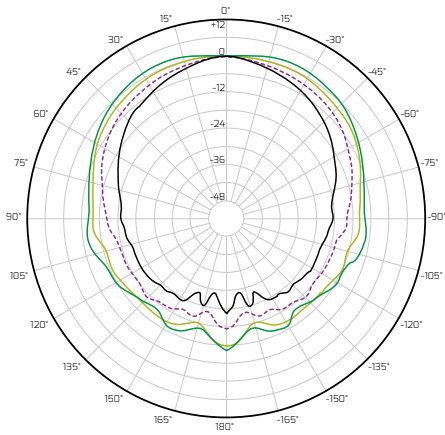
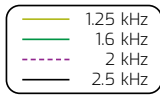
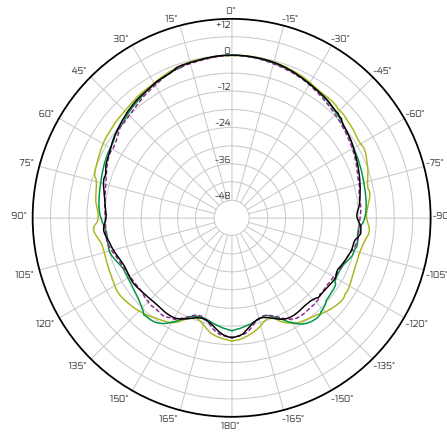
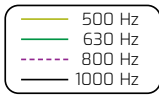
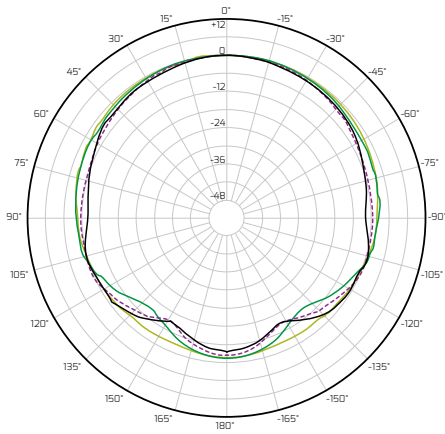
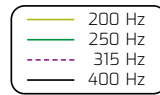
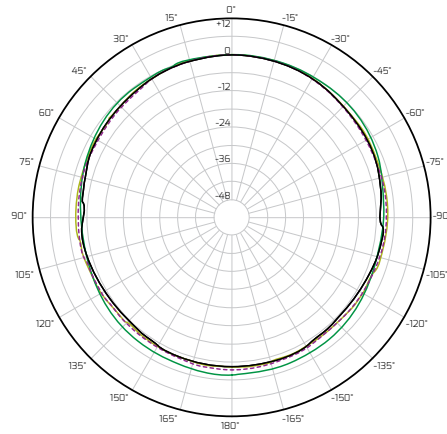
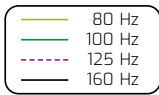
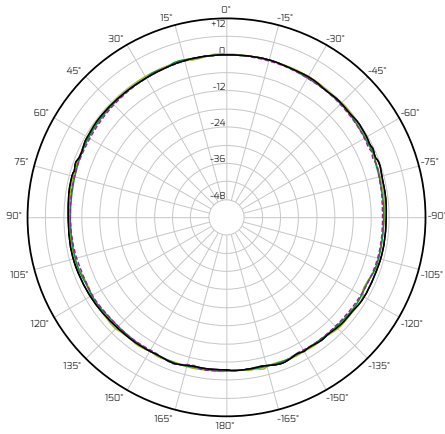
This graph shows the frequency response for a 1-watt swept sine signal in an anechoic environment (4pi), measured at 3 m and scaled down at 1 m.

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

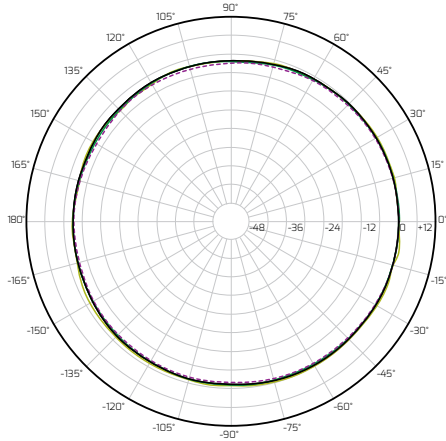
IMPEDANCE



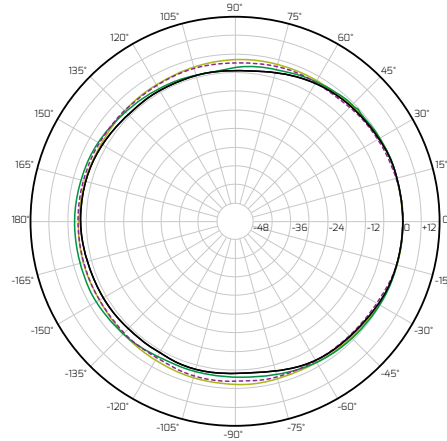
HORIZONTAL 1/3 OCTAVE POLARS



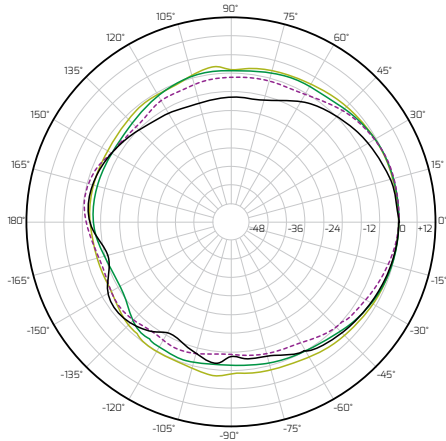
VERTICAL 1/3 OCTAVE POLARS



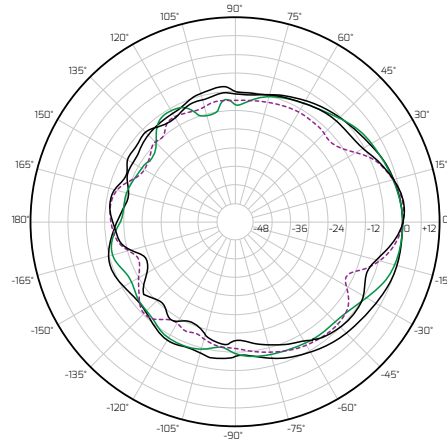
- 80 Hz
- 100 Hz
- - - 125 Hz
- 160 Hz



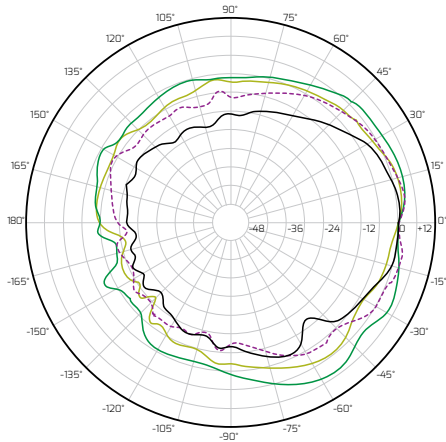
- 200 Hz
- 250 Hz
- - - 315 Hz
- 400 Hz



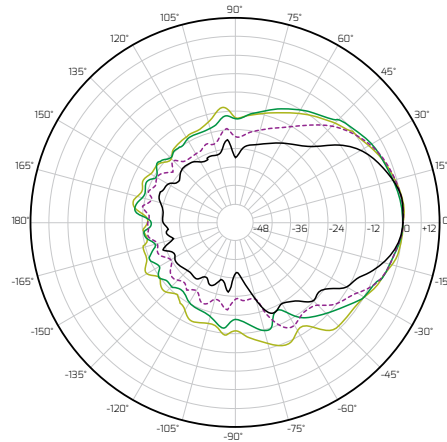
- 500 Hz
- 630 Hz
- - - 800 Hz
- 1000 Hz



- 1.25 kHz
- 1.6 kHz
- - - 2 kHz
- 2.5 kHz



- 3.15 kHz
- 4 kHz
- - - 5 kHz
- 6.3 kHz



- 8 kHz
- 10 kHz
- - - 12.5 kHz
- 16 kHz