


IDea LUA6i 6 Inch 2-Way Loudspeaker



IDea LUA6i 6 Inch 2-Way Loudspeaker User Guide

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IDea LUA6i 6 Inch 2-Way Loudspeaker



Overview

- LUA Series models are compact, passive loudspeakers that deliver outstanding sonic definition and versatility that combine professional finish and solid construction with an 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, etc.
- LUAI 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 requires 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.
- 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 6.5" woofer in a front-firing ported trapezoidal cabinet built-in 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 an internal protective foam.
- Installation of LUA6i is a quick, straightforward operation thanks to the optional rear wall-mount accessory. Four M6 inserts in the rear side of the cabinet allow for both vertical and horizontal installation with the wall-mount accessory (optional).

Features

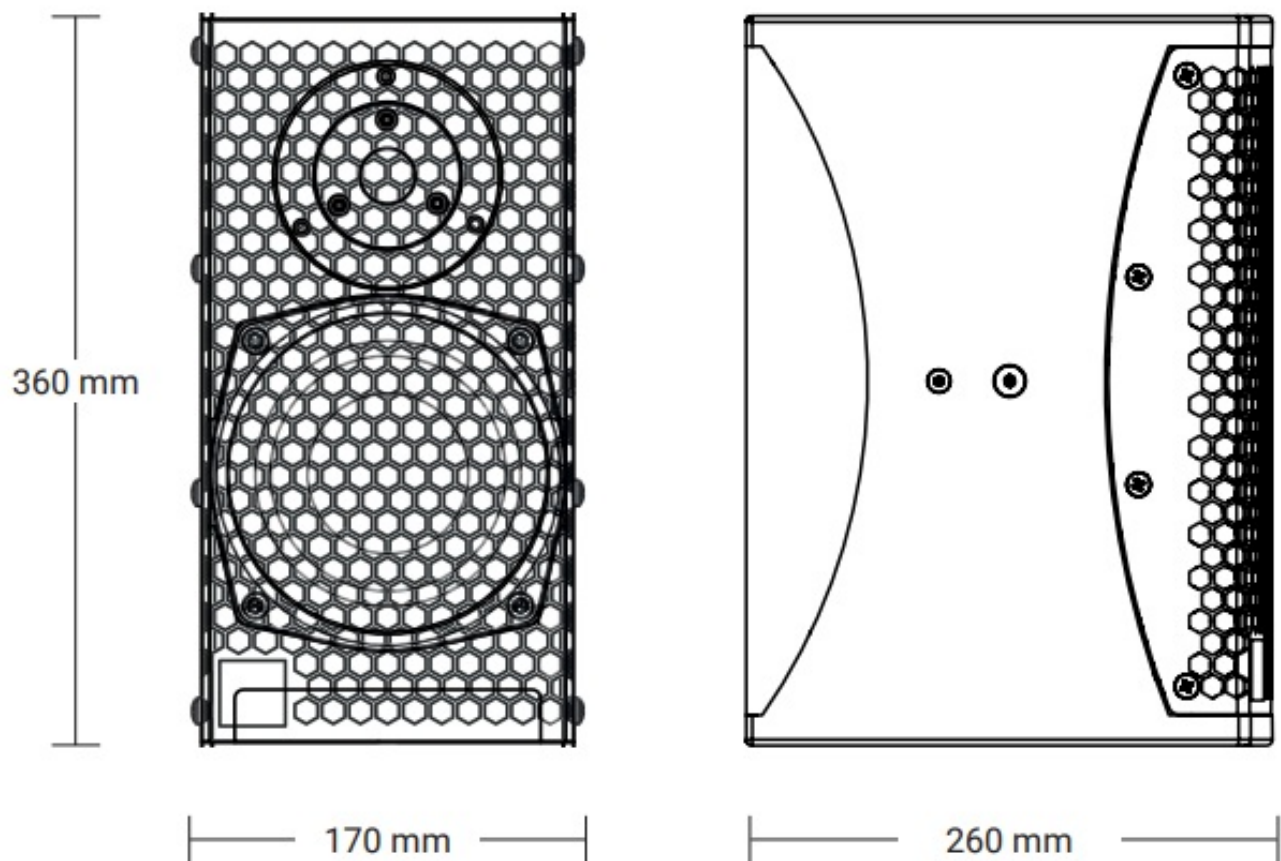
- Compact unobtrusive design

- Premium European high-efficiency custom IDEA Transducers
- Dedicated wall-mount accessory (optional)
- 16 Ohm Passive
- NL-4 connectors
- Rugged 15 mm birch plywood construction and finish
- Durable Aquaforce paint, available in standard textured black or white Optional RAL colors for 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

Technical data

Enclosure design	Rectangular
HF Transducer	1" Dome Tweeter
LF Transducer	1×6.5" 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)	170×360×260 mm
Weight	8.7 kg
Connectors +/-1 +/-2	2 × Neutrik speakOn NL-4 in parallel Input Parallel signal
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	Rear: 4 × inserts M6 Sides: 1× insert M6 + 1 × insert M8 on each side Top and bottom: 1× insert M6 + 1 × insert M8 on each side
Accessories	U-bracket horizontal (UB-L6i-H), U-bracket vertical (UB-L6i-V), Wall Mount (WM-L6i)

Technical drawings



Warnings on Safety Guidelines

- Read this document thoroughly, follow all safety warnings and keep it for future reference.
- The exclamation mark inside a triangle indicates that repairing and component replacement operations must be done by qualified and authorized personnel.
- No user-serviceable parts inside.
- Only use accessories tested and approved by IDEA and supplied by the manufacturer or an authorized dealer.
- Installations, rigging and suspension operations must be done by qualified personnel.
- Only use accessories specified by IDEA, complying with maximum load specifications and following local safety regulations.
- Read the specifications and connection instructions before proceeding to connect the system and use only the cabling supplied or recommended by IDEA. Connection of the system should be done by qualified personnel.
- Professional sound reinforcement systems can deliver high SPL levels that may result in hearing damage. Do not stand close to the system while in use.
- Loudspeakers produce magnetic fields even when they are not in use or even when disconnected. Do not place or expose loudspeakers to any device that is sensitive to magnetic fields such as television monitors or data storage magnetic material.
- Disconnect the equipment during lightning storms and when it is not to be used for a long time.
- Do not expose this device to rain or moisture.
- Do not place any objects containing liquids, such as bottles or glasses, on the top of the unit. Do not splash liquids on the unit.
- Clean with a wet cloth. Do not use solvent-based cleaners.
- Regularly check the loudspeaker housings and accessories for visible signs of wear and tear, and replace them when necessary.

- Refer all servicing to qualified service personnel.
- This symbol on the product indicates that this product should not be treated as household waste. Follow local regulations for recycling electronic devices.
- IDEA declines any responsibility for misuse that may result in malfunction or damage of the equipment.

Warranty

- All IDEA products are guaranteed against any manufacturing defect for 5 years from the date of purchase for acoustical parts and 2 years from the date of purchase for electronic devices.
- The guarantee excludes damage from incorrect use of the product.
- Any guarantee repair, replacement and servicing must be exclusively done by the factory or any of the authorized service centres.
- Do not open or intend to repair the product; otherwise servicing and replacement will not be applicable for guarantee repair.
- Return the damaged unit, at shipper's risk and freight prepaid, to the nearest service centre with a copy of the purchase invoice to claim guaranteed service or replacement.

Declaration of conformity

I MAS D Electroacústica S.L. , Pol. A Trabe 19-20 15350 CEDEIRA (Galicia – Spain), declares that LUA6i complies with the following EU Directives:

- RoHS (2002/95/CE) Restriction of Hazardous Substances
- LVD (2006/95/CE) Low Voltage Directive
- EMC (2004/108/CE) Electro-Magnetic Compatibility
- WEEE (2002/96/CE) Waste of Electric and Electronic Equipment
- EN 60065: 2002 Audio, video and similar electronic apparatus. Safety requirements.
- EN 55103-1: 1996 Electromagnetic compatibility: Emission
- EN 55103-2: 1996 Electromagnetic compatibility: Immunity


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Documents / Resources

	<p>IDea LUA6i 6 Inch 2-Way Loudspeaker [pdf] User Guide</p> <p>LUA6i, LUA6i 6 Inch 2-Way Loudspeaker, 6 Inch 2-Way Loudspeaker, 2-Way Loudspeaker, Loudspeaker</p>
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References

-  [IDEA Pro Audio](#)
- [User Manual](#)

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