




Idea EXO12 2 Way Passive 12 Inch Multipurpose Monitor User Guide

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EXO12
2-Way Passive 12" Multipurpose Monitor
QUICK START GUIDE



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Overview

EXO12 is a versatile, high-performance full range 2-way passive wedged monitor conceived for professional environments where portable sound reinforcement is required, delivering a superior audio reproduction in a very compact, multipurpose format.

EXO12 HF assembly couples a 3" compression driver into common EXO Series birch plywood axisymmetric horn with IDEA's proprietary design and a premium European, dedicated-design passive crossover filter provides a smooth, natural transition into the LF 12" woofer.

EXO12 is built with 15 and 18 mm Finnish plywood, IDEA's Aquaforce waterproof paint coating and a high quality steel grille, creating a rugged, durable and stylish loudspeaker.

The 60° wedged cabinet allows not only to be used as FOH main system in small venues, bars and AV applications and as a stage monitor but to seamlessly fit into any wall mount fixed installation.

EXO12 integrates a bottom Pole Mount 36 mm socket to be configured on BASSO Series subwoofers for portable sound reinforcement and medium performance venues and clubs. The dedicated U-bracket and threaded M8 and M6 inserts allow for all vertical and horizontal U-bracket positions both for wall and ceiling fixed installations as well as to be precisely oriented in pole mounted configurations.

Features

- Standard compact multipurpose wedged monitor (60°) design with two integrated handles
- Premium European High Efficiency custom IDEA Transducers and passive crossover board
- IDEA proprietary axisymmetric coherent spherical wave-front HF assembly
- Passive filter
- 8 Ohm Passive
- Dual Neutrik NL4 connectors
- Durable Aquaforce paint, available in standard textured black or white, optional RAL colors (on demand)
- Rugged and durable 15/18 mm birch plywood construction and finish
- 1.5 mm Aquaforce coated steel grille with internal protective foam
- 36 mm Pole mount cup and dedicated installation and rigging accessories

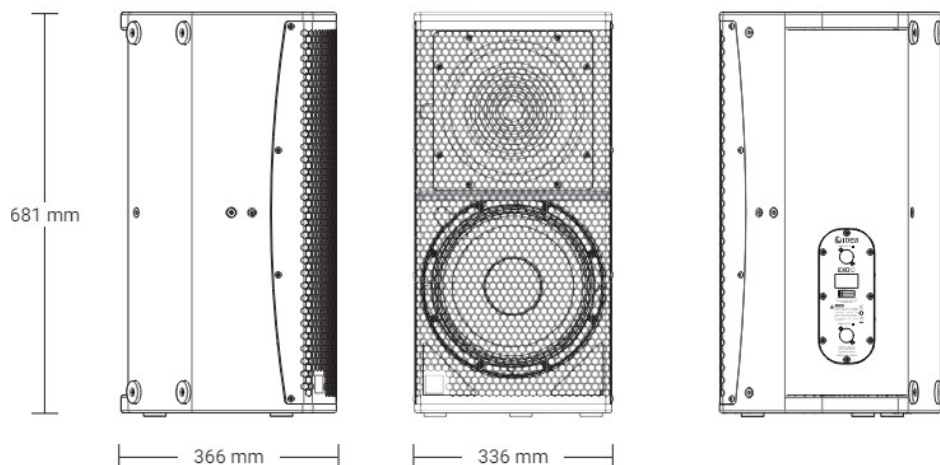
Applications

- High SPL A/V portable sound reinforcement
- FOH for rehearsal rooms, medium performance venues and clubs
- FOH and Stage monitors for Regional Touring and Rental Companies
- Stage monitors, Side-fills, Front-fills or In-fills for Touring-Sound





Technical data

Enclosure design	Wedged
LF Transducers	1 × 12" High performance woofer
HF Transducers	3" Voice coil Compression Driver
Power Handling (RMS)	500 W
Nominal Impedance	8 Ohm
SPL (Continuous/Peak)	122/128 dB SPL
Frequency Range (-10 dB)	55 – 23000 Hz
Frequency Range (-3 dB)	69 – 21000 Hz
Coverage	80° Axisymmetric
Dimensions (W×H×D)	336 x 681 x 366 mm
Weight	23.7 kg
Connectors +/-1 +/-2	2 × Neutrik speakOn NL-4 in parallel Input Parallel signal
Cabinet Construction	15 + 18 mm Birch Plywood
Grille	1.5 mm perforated weatherised steel with protective foam
Finish	Durable IDEA proprietary Aquaforce High Resistance paint coating process
Handles	2 integrated handles
Feet/Skates	4+3 Rubber feet
Installation	Threaded M8 and M6 inserts. Bottom 36 mm pole mount socket
Accessories	U-Bracket vertical (UB-E12-V) U-Bracket horizontal (UB-E12-H) Pole (K&M-21336)

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 whatever 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 loads specifications and following local safety regulations.
-  Read the specifications and connection instructions before proceeding to connect the system and use only 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 field even while 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 regulation for recycling of electronic devices.
- IDEA declines any responsibility from misuse that may result in malfunction or damage of the equipment.

Warranty

- All IDEA products are guaranteed against any manufacturing defect for a period of 5 years from date of purchase for acoustical parts and 2 years from 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 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 in order to claim guarantee service or replacement.

Declaration of conformity

I MAS D Electroacústica S.L. , Pol. A Trabe 19-20 15350 CEDEIRA (Galicia – Spain), declares that EXO12 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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Specifications and product appearance may be subject to change without notice.
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Documents / Resources

	<p>IDea EXO12 2 Way Passive 12 Inch Multipurpose Monitor [pdf] User Guide EXO12 2 Way Passive 12 Inch Multipurpose Monitor, EXO12, 2 Way Passive 12 Inch Multipurpose Monitor, Passive 12 Inch Multipurpose Monitor, 12 Inch Multipurpose Monitor, Multipurpose Monitor, Monitor</p>
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References

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

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