

IDEA EVO24-P 4 Way Touring Line Array System |



IDEA EVO24-P 4 Way Touring Line Array System User Guide

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IDEA EVO24-P 4 Way Touring Line Array System

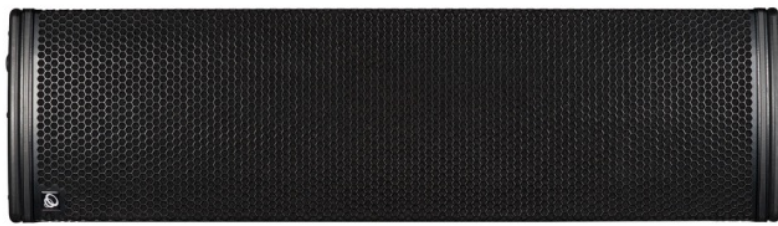


4-way Touring Line-Array System

Sistema de Line-Array para Touring de 4 vías

overview

- EVO24-P is a passive large-format touring line array system specifically designed for professional sound reinforcement in big events, large venues or open spaces for audiences from 5000 to 50000, in productions or events operated by rental companies or pro-audio contractors.
- EVO24-P is a 4-Way line-array element that features dual-12" Neodymium LF woofers, 4 × 6.5" MF woofers in two sealed chambers and 2 × 3" Neodymium compression drivers coupled to a proprietary – design waveguide assembly.



features

- Premium European High Efficiency custom-IDEA Transducers
- Proprietary High-Q 8-slot dual-driver waveguide assembly
- Multi-enclosure cabinet design
- Rugged 15 mm Birch plywood construction and finish
- 1.5 mm coated steel grille with internal protective foam
- Integrated Precision rigging system with 10 angulation points
- Integrated lateral bars for transport and setup
- Durable Aquarforce paint coating process

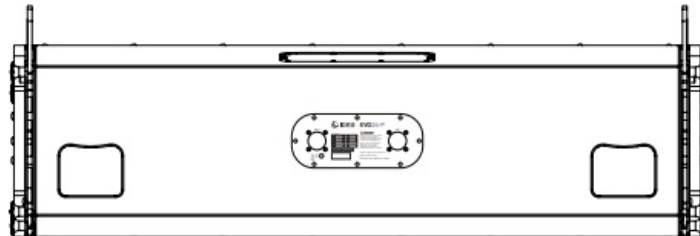
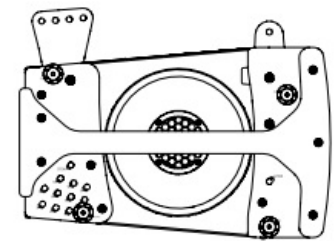
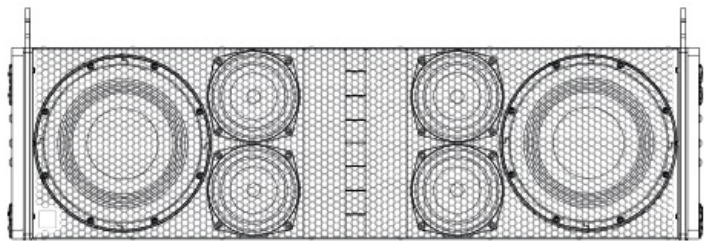
applications

- Main system for Touring and Rental Companies
- Very High SPL installed sound reinforcement

Technical data

Enclosure design	10° Trapezoidal
LF Transducers	2 × 12" (4" voice coil) Neodymium woofers
MF Transducers	4 × 6.5" (2.5" voice coil)
HF Transducers	2 × 3" Neodymiuml compression drivers
Power Handling (RMS)	LF1: 1.3 kW LF2: 1.3 kW MF: 800 W HF: 140 W
Nominal Impedance	LF1: 8 Ohm LF2: 8 Ohm MF: 8 Ohm HF: 16 Ohm
SPL (Continuous/Peak)	136/142 dB SPL
Frequency Range (-10 dB)	47 – 23000 Hz
Frequency Range (-3 dB)	76 – 20000 Hz
Coverage	90° Horizontal
Connectors +/-1 +/-2 +/-3 +/-4	2 × Neutrik speakON® NL-8 LF1 LF2 MF HF
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
Rigging Hardware	High-resistance, coated steel integrated 4-point rigging hardware 10 angulation points (0°-10° internal splay angles in 1° steps)
Dimensions (W×H×D)	1225 × 339 × 550 mm
Weight	84 kg
Handles	4 integrated handles
Accessories	Rigging frame (RF-EV24) Transpor Cart (CRT EVO24) Cover for 3 × EVO24 (COV-EV24-3)

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.



- Loudspeaker 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 EVO24-P 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. Las especificaciones y apariencia del producto pueden estar sujetas a cambios.

Documents / Resources

	<p>IDEA EVO24-P 4 Way Touring Line Array System [pdf] User Guide</p> <p>EVO24-P 4 Way Touring Line Array System, 4 Way Touring Line Array System, Touring Line Arr ay System, Line Array System, Array System</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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