EVO88-P

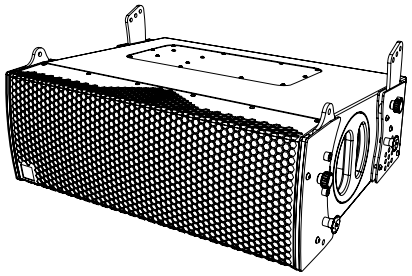
Dual-8" Passive Line-Array system

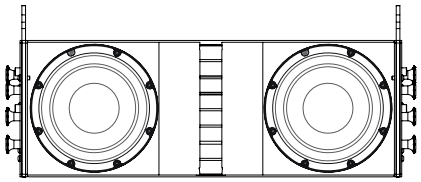
QuickStart Guide

EVO88-P is a professional line-array system that can serve as a portable or installed FOH solution for medium to large venues and as ancillary side/down fill for lager PA systems, with a coherent, natural sound within the coverage area and superior power delivery in its category

The HF assembly mounts a 3" compression driver and an IDEA proprietary Hi-Q waveguide allowing for minimum vertical gap between array elements providing optimum element coupling and reducing artifacts and DSP adjustments while providing optimum directivity control. For LMF section, **EVO**88-P mounts dual very high-performance 8" woofers.

The active version **EVO**88-M features a 1,2 kW Class-D Powersoft power module. One unit of self-powered **EVO**88-M feeds one passive **EVO**88-P, integrating a straightforward active system that optimises costs, setup and logistics.

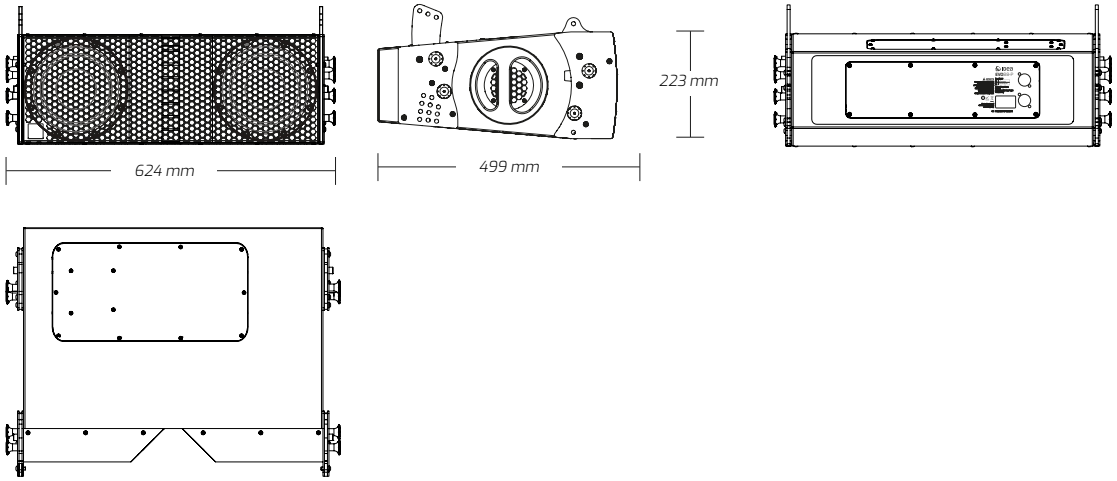




TECHNICAL DATA

Enclosure design	**10° Trapezoidal**
LF Transducers	2 × 8" High performance woofers
HF Transducers	3" Voice coil Compression Driver
Power Handling (RMS)	500 W
Nominal Impedance	16 Ohm
SPL (Continuous/Peak)	130/136 dB SPL
Frequency Range (-10 dB)	52 - 23000 Hz
Frequency Range (-3 dB)	72 - 21000 Hz
Aiming/Prediction Software	EASE FOCUS
Coverage	90° Horizontal
Connectors **+/-1** **+/-2**	2 x Neutrik speakON® NL-4 in parallel Input Link
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
Rigging Hardware	High-resistance, coated steel integrated 4-point rigging hardware 10 angulation points (0°-10° internal splay angles in 1°steps)
Dimensions (WxHxD)	624 x 223 x 499 mm (24.6 x 8.8 x 19.6 in)
Weight	33.5 kg (73.8 lb)
Handles	2 integrated handles
Accessories	Rigging frame (RF 600) Rigging frame stack (RF 600 STK) Transport cart (CRT EVO88) Rain cover for 4 x EVO88 (COV-EV88-4)

TECHNICAL DRAWINGS



WARNINGS & 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.

DECLARATIONS OF CONFORMITY

I MAS D ELECTROACÚSTICA SL
POL. A TRABE 19-20 15350 CEDEIRA (GALICIA - SPAIN)
DECLARES THAT: EVO88-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

www.ideaproaudio.com

For further information scan the QR Code
or refer to the following web address: **www.ideaproaudio.com/product-detail/evo88-p**

IDEA is always in pursuit of better performance, greater reliability and design features.
Technical specifications and minor finish details may vary without notice in order to improve our products.
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