

# EVO88-M System

## Dual-8" 2-element Active Line-Array System

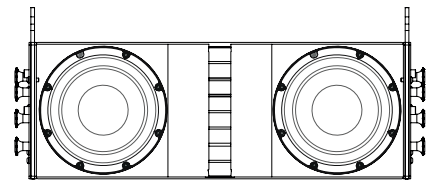
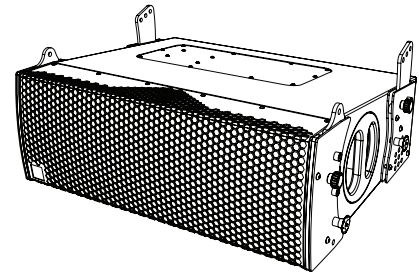


## QuickStart Guide

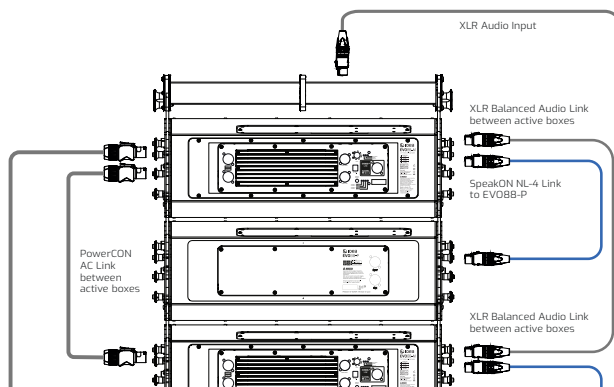
**EVO88-M** is a multipurpose line-array system that can serve as a portable or installed FOH solution for medium to large venues and as ancillary side/down fill for larger PA systems, with a coherent, natural sound within the coverage area and superior power delivery in its category

**EVO88-M** is an active line-array element that features a 1.2 kW Class-D Powersoft power module. One unit of self-powered **EVO88-M** feeds one passive **EVO88-P**, integrating a straightforward active system that optimises costs, setup and logistics.

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, **EVO88-M** mounts dual very high-performance 8" woofers.



### BASIC SYSTEM CONFIGURATION



The active **EVO88-M** features a 1.2 kW Class-D amp and DSP power module by Powersoft so one **EVO88-M** element can power another **EVO88-P** in active system, as shown in the diagram below, with the dedicated SpeakON NL-4 cable links included with every **EVO88-M**

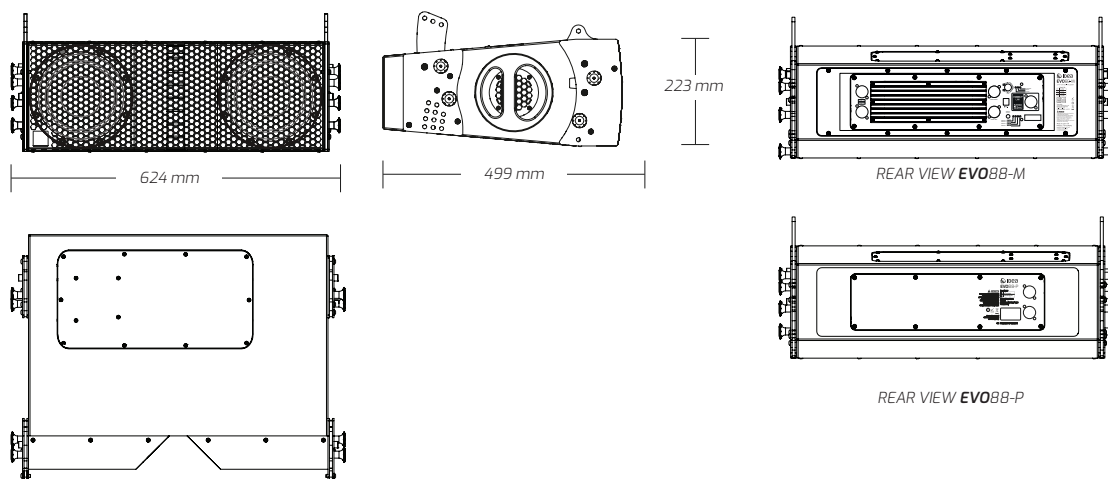
Depending on the scale of the application, a medium-sized **EVO88-M** system can be easily split into smaller clusters for mobile and portable solutions.

Passive systems can be configured as factory ready with turn-key solutions for **TEOd8** driven amps as well as top-tier third-party platforms (see [www.ideaproaudio.com/evo88-p](http://www.ideaproaudio.com/evo88-p) for preset availability).

## TECHNICAL DATA

EVO88-M (x1)		EVO88-P (x1)
Enclosure design	10° Trapezoidal	
LF Transducer	2 × 8" High performance woofers	
HF Transducer	3" Voice coil Compression Driver	
Amp/DSP Module	1.2 kW	-
Power Handling (RMS)	-	500 W
Nominal Impedance	-	16 Ohm
SPL (Continuous/Peak) per element	130/136 dB SPL	
SPL (Continuous/Peak) 4-element system	130/136 dB SPL	
Frequency Range (-10 dB) per element	50 - 23000 Hz	
Frequency Range (-3 dB) per element	72 - 21000 Hz	
Connectors	2x XLR + 2 x PowerCON + 1 x NL-4	2 x NL-4
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)	624 x 223 x 499 mm (24.6 x 8.8 x 19.6 in)
Dimensions (WxHxD) System	624 x 447 x 499 mm (24.6 x 17.6 x 19.6 in)	
Weight - per element	36.3 kg (80 lb)	34.4 kg (75.8 lb)
Weight - System	69 kg (152.1 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) Power module rain cover (RC-EV88, included)	

## 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.



- This is a Class I device. Do not remove Mains connector ground.
- 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.
- Keep the equipment in the safe working temperature range [0°-45°] at all times.
- 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-M*

*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](http://www.ideaproaudio.com)



For further information scan the QR Code  
or refer to the following web address: [www.ideaproaudio.com/product-detail/evo88-m](http://www.ideaproaudio.com/product-detail/evo88-m)

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.

©2021 - I MAS D Electroacústica SL

PoL A Trabe 19-20 15350 Cedeira (Galicia - Spain)