

# EVO8-P

## 2 Way Bi-Amp Compact Line-Array System

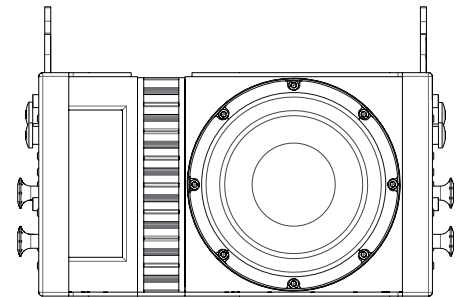
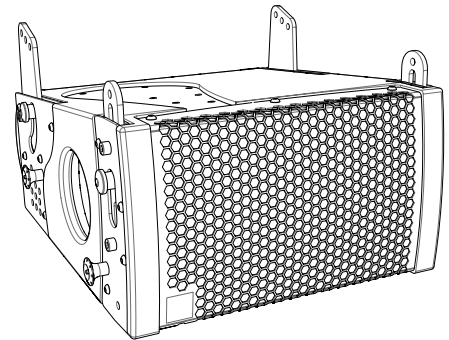


## Quick Start Guide

**EVO8-P** is an ideal line-array element for mobile and portable sound reinforcement and those installations that need for a high SPL sound system which can be discreetly integrated with the aesthetics of the venue. The excellent power-density and scalability of **EVO8-P** make it a perfect tool for a wide variety in professional sound reinforcement applications.

**EVO8-P** line-array elements feature a HF assembly with a 70 W, 1.75" compression driver and IDEA's proprietary Hi-Q 8-slot waveguide allowing for minimum vertical gap between array elements and providing optimum element coupling while reducing artifacts and DSP adjustments. For the LF/MF sections, **EVO8-P** mounts a high-performance 2'5" voice-coil, 250 W 8" woofer.

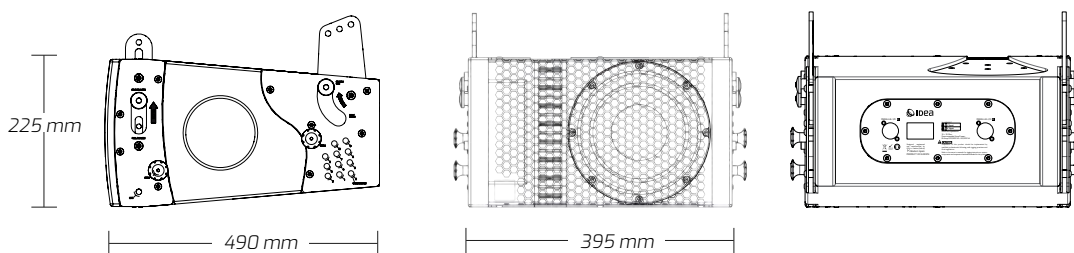
Built in Europe using 15mm high quality birch plywood in heavily internally braced solid loudspeaker cabinets, **EVO8-P** is treated with IDEA proprietary Aquaforce weather resistant touring coating finish and is fitted with an extra strong integral heavy duty 4-point steel rigging system.







## TECHNICAL DATA

<b>Enclosure design</b>	10° Trapezoidal
<b>LF Transducers</b>	8" High performance woofer
<b>HF Transducers</b>	1.75" Compression Driver
<b>Power Handling (RMS)</b>	LF: 250 W   HF: 70 W
<b>Nominal Impedance</b>	LF: 16 Ohm   HF: 16 Ohm
<b>SPL (Continuous/Peak)</b>	125/131 dB SPL
<b>Frequency Range (-10 dB)</b>	82 - 18000 Hz
<b>Frequency Range (-3 dB)</b>	95 - 16000 Hz
<b>Coverage</b>	Array length-splay dependent x 120° horizontal
<b>Dimensions (WxHxD)</b>	395 x 225 x 490 mm (24.8 x 8.9 x 19.3 in)
<b>Weight</b>	21 kg (46.3 lb)
<b>Connectors</b>	2 x Neutrik speakON® NL-4 in parallel
<b>+/-1</b>	Input
<b>+/-2</b>	Link
<b>Cabinet Construction</b>	15 mm Birch Plywood
<b>Grille</b>	1.5 mm perforated weatherised steel with protective foam
<b>Finish</b>	Durable IDEA proprietary Aquaforce High Resistance paint coating process
<b>Rigging Hardware</b>	High-resistance, coated steel integrated 4-point rigging hardware 10 angulation points (0°-10° internal splay angles in 1°steps)
<b>Handles</b>	2 integrated handles
<b>Accessories</b>	Rigging Frame (RF EVO8) Rigging Frame (RF-6036) for BASSO18, BASSO21 flown systems Rigging Frame (RF-9036) for BASSO36t flown systems Raisers adaptors for stacked set-ups (RF EVO8 STK) Pole adaptor (PA EVO8) 35 mm Pole (K&M 21338)

## TECHNICAL DRAWINGS



## WARNINGS AND 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 SL*

*POL. A TRABE 19-20 15350 CEDEIRA (GALICIA - SPAIN)*

*DECLARES THAT: EVO8-P*

*COMPLIES WITH THE FOLLOWING EU DIRECTIVES:*

*ROHS (2002/95/CE) RESTRICTAION 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/evo8p](http://www.ideaproaudio.com/product-detail/evo8p)

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.

©2020 - I MAS D Electroacústica SL

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