

2 Way Bi-Amp Compact Line-Array System

FEATURES

- 16 + 16 Ohm Bi-AMP
- Premium European High Efficiency custom IDEA Transducers
- Proprietary IDEA High-Q 8-slot line-array waveguide
- Rugged and durable 15 mm birch plywood construction and finish
- 1.5 mm Aquaforce coated steel grille with internal protective foam
- Integrated Precision rigging system for stacked and flown configurations
- 10 internal angulation points (0°-10° internal splay angles in 1° steps)
- Durable Aquaforce paint, available in standard textured black or white
- NL-4 and PowerCON Neutrik connectors
- Dedicated transport /storage/rigging accessories and Flying frame



APPLICATIONS

- FOH for small theatres and clubs
- Regional Touring
- A/V portable and installed sound reinforcement
- Distributed sound for sport arenas and large venues



OVERVIEW

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 60 W AES, 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, 300 W AES 8" woofer.

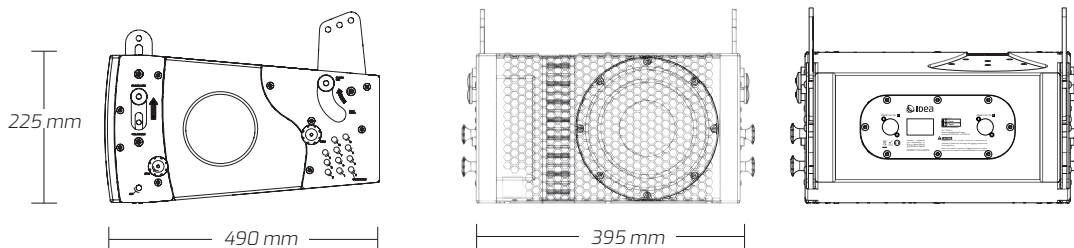
Built in Europe using 15mm high quality birch plywood in heavily internally braced solid loudspeaker cabinets, **EVO8-P** is treated with IDEA proprietary Aquaforce weather resistant touring coating finish and is fitted with an extra strong integral heavy duty 4-point steel rigging system.



TECHNICAL DATA

Enclosure design	10° Trapezoidal
LF Transducers	8" High performance woofer
HF Transducers	1.7" Compression Driver
Power Handling (RMS)	LF: 250 W HF: 70 W
Nominal Impedance	LF: 16 Ohm HF: 16 Ohm
SPL (Continuous/Peak)	125/131 dB SPL
Frequency Range (-10 dB)	82 - 18000 Hz
Frequency Range (-3 dB)	95 - 16000 Hz
Coverage	Array length-splay dependent x 120° horizontal
Dimensions (WxHxD)	395 x 225 x 490 mm (24.8 x 8.9 x 19.3 in)
Weight	21 kg (46.3 lb)
Connectors	2 x Neutrik speakON® NL-4 in parallel
+/-1	Input
+/-2	Link
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)
Handles	2 integrated handles
Accessories	Rigging Frame (RF EV08) Rigging Frame (RF-6036) for BASS018, BASS021 flown systems Rigging Frame (RF-9036) for BASS036t flown systems Raisers adaptors for stacked set-ups (RF EV08 STK) Pole adaptor (PA EV08) 35 mm Pole (K&M 21338)

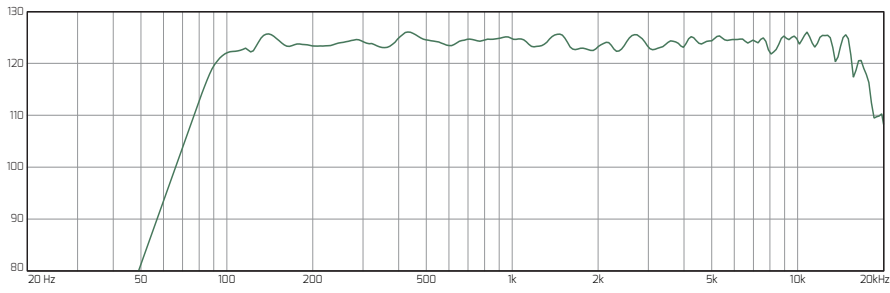
TECHNICAL DRAWINGS



ACOUSTICAL MEASUREMENTS

FREQUENCY RESPONSE

dB SPL

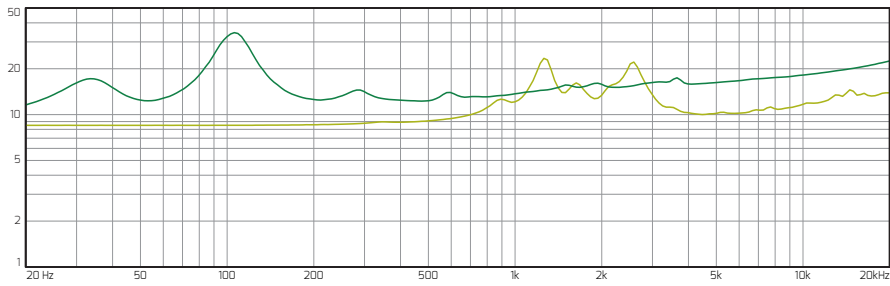


This graph shows the frequency response for a 1-watt swept sine signal in an anechoic environment (4pi), measured at 3 m and scaled down at 1 m.

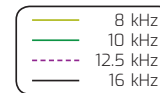
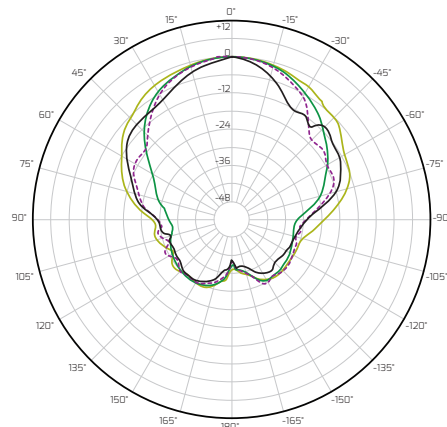
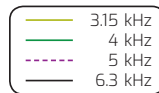
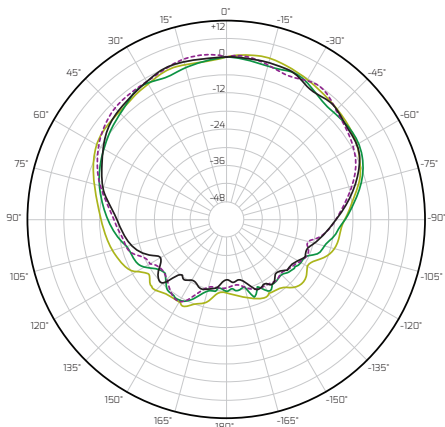
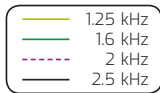
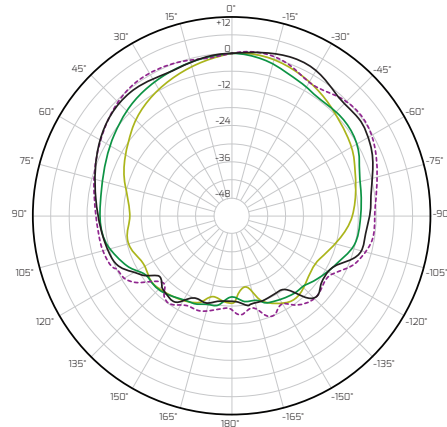
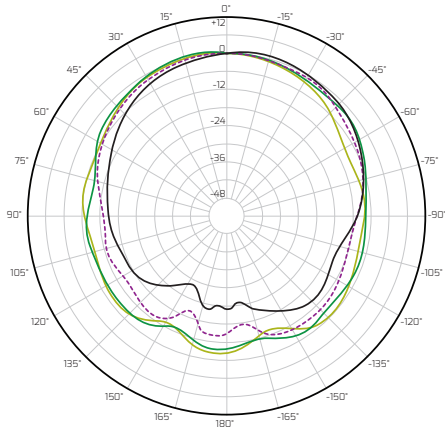
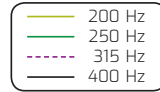
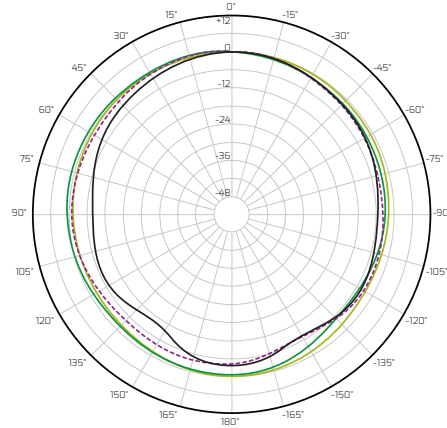
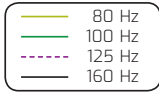
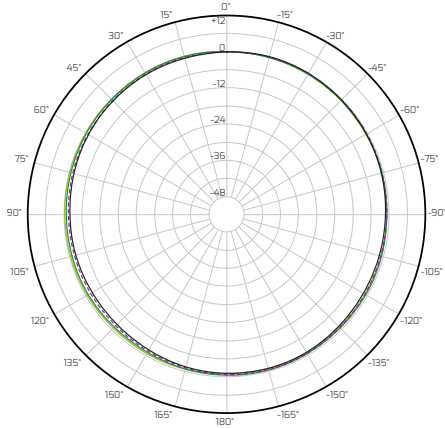
In order to provide more precise information for acoustical analysis, a 1/12 octave smoothing has been applied.

IMPEDANCE

Ohm



HORIZONTAL 1/3 OCTAVE POLARS



VERTICAL 1/3 OCTAVE POLARS

