

EVO55 System

Dual-5" 4-element Active Line-Array System



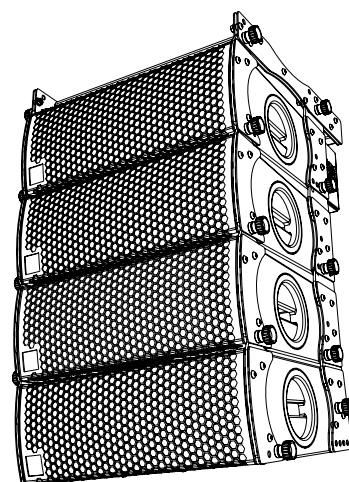
QuickStart Guide

EVO55 System is a unique professional portable sound reinforcement solution that offer excellent modularity and versatility.

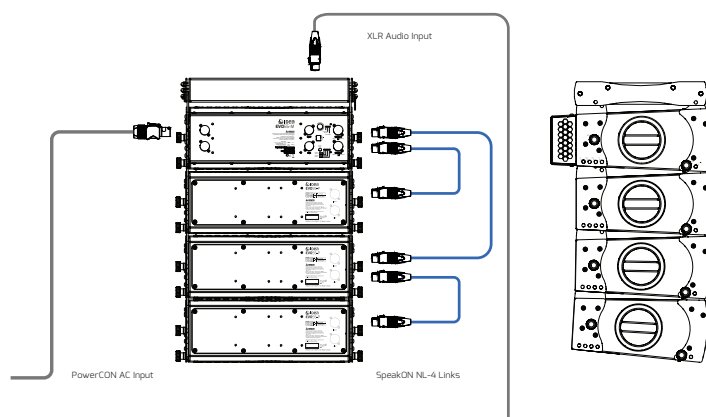
The very compact 4-element array cluster (smaller than a typical 15" 2-way loudspeaker) will always deliver SPL and coverage beyond the physical size of the system, while it can be rigged and operated with minimal logistical resources. It can be pole mounted, stacked and flown very easily by only operator.

EVO55 loudspeakers features HF assembly with a 1.75" compression driver and a proprietary wave-guide design and a dual-5" woofer configuration for the LF section. These premium-quality, high-performance European transducers a dedicated passive crossover filter allow for a natural, linear response throughout the useful frequency range spectrum without any processing of the system.

The integrated weatherized steel rigging structure and stacking, transport and rigging accessories make **EVO55** a really plug-and-play system.



BASIC SYSTEM CONFIGURATION

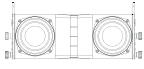
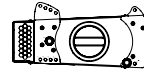


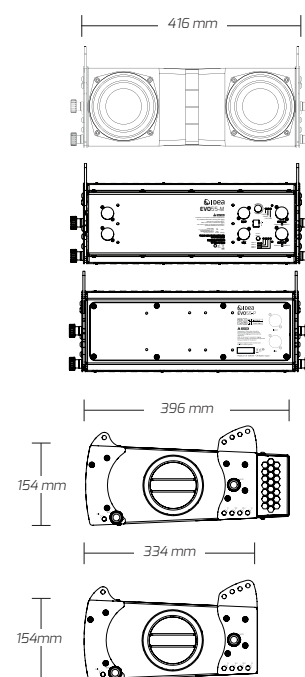
The active **EVO55-M** element features a 1.4 kW Class-D amp and DSP power module by Powersoft so one **EVO55-M** element powers 3 **EVO55-P** elements, as shown in the diagram on the left, with the dedicated SpeakON NL-4 cable links included with every **EVO55-M**.

Depending on the scale of the application, a medium-sized **EVO55-M** system can be easily split into smaller clusters for mobile and portable solutions.

Passive systems can be configured as factory ready with **TEOd8** driven amps.

TECHNICAL DATA

		
Enclosure design	5° Trapezoidal · Ported	
HF Transducer	1 x 1.75" Compression Driver	
LF Transducer	2 x 5" High Performance Woofers	
Amp/DSP Module	1.4 kW	-
RMS Power Handling *	-	300 W
Nominal Impedance	-	16 Ohm
SPL (Continuous/Peak)	119/125 dB SPL	
SPL (Continuous/Peak) 4-element system	125/131 dB SPL	
Frequency Response (-10 dB) per element	69 - 19000 Hz	
Frequency Response (-3 dB) per element	95 - 17000 Hz	
Connectors	XLR + PowerCON + NL-4	2 x NL-4
Dimensions (WxHxD)	416 x 154 x 396 mm (16,4 x 6,1 x 15,6 inch)	416 x 154 x 334 mm (16,4 x 6,1 x 13,1 inch)
Dimensions (WxHxD) - System	416 x 154 x 396 mm (16,4 x 6,1 x 15,6 inch)	
Weight - per element	15 kg (33,1 lbs)	13 kg (28,7 lbs)
Weight - System	54 kg (119 lbs)	



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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For further information, scan the QR Code or refer to the following web address:
www.ideaaproaudio.com/evo55-system

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.



- Loudspeakers 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

Constitución 5 – 9, 46009 VALENCIA (Spain)

Declares that: **EVO55 System**

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