

 **Idea**

## **EVO55 System**

Modular & versatile compact  
Line-Array System





## COMPACT, MODULAR & VERSATILE

**EVO55** systems are unique professional portable sound reinforcement systems that offer excellent modularity and versatility.

The very compact 4-element array (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. A single operator can pole mount, stack and fly 4 to 8 elements very easily.

**EVO55** 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.

## ACTIVE & PASSIVE VERSIONS

Active and passive versions of **EVO55** are available so users can make the best choice for their needs.

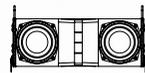
The active **EVO55** features a 1.4 kW Class-D amp and DSP power module by Powersoft so one **EVO55** element can power 1, 2 or 3 additional **EVO55-P** in active system.

Depending on the scale of the application, a medium-sized **EVO55** 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 with PLD amps and TE0d8 driven amps.



**EVO55**



**EVO55-P**

<b>Enclosure design</b>	6" Trapezoidal · Ported	6" Trapezoidal · Ported
<b>HF Transducer</b>	1.75"	1.75"
<b>LF Transducer</b>	2 x 5"	2 x 5"
<b>RMS Power Handling *</b>	-	300 W
<b>Nominal Impedance</b>	-	16 Ohm
<b>Peak SPL (Continuous/Peak)</b>	119/125 dB SPL	119/125 dB SPL
<b>Frequency Response [-10 dB]</b>	120 - 20 000 Hz	120 - 20 000 Hz
<b>Amp/DSP Module</b>	1.4 kW	-
<b>Connectors</b>	XLR + PowerCON + NL-4	2 x NL-4
<b>Dimensions [W x H x D]</b>	416 x 155 x 334 mm	416 x 155 x 334 mm
<b>Weight</b>	14 Kg	12.5 Kg

\* IEC filtered pink noise with a 6dB crest factor, 2 hours

## BASSO24t F400 - Flyable/Stackable Subwoofer

**BASSO24t F400** is dual 12" band-pass subwoofer with a very shallow-form factor and excellent power-density that make this loudspeaker a versatile tool for any small, unobtrusive installed sound reinforcement and portable FOH applications to more powerful, medium-sized configurations for Touring and Rental companies and theatre and club installations.

**BASSO24t F400** features a 4-point integrated rigging system compatible with flown and stacked configurations of **EVO55**.



Enclosure design	Symmetrical Air mass Loading 5th order Band-Pass
Transducers	2 x 12"
RMS Power Handling *	1 500 W
Nominal Impedance	4 Ohm
SPL (Continuous/Peak)	129/135 dB SPL
Frequency Range (-10 dB)	44 - 100/120/150/180 Hz
Frequency Range (-3 dB)	52 - 80/100/120/160 Hz
Dimensions (WxHxD)	400 x 600 x 750 mm (15,7 x 23,6 x 29,5 inch)
Weight	56 kg (123,4 lbs)
Connectors	2 x Neutrik speakON® NL-4 in Parallel
+/-1	Input
+/-2	Link
Cabinet Construction	15 mm Plywood
Grille	1.5 mm perforated weatherised steel with protective foam
Finish	Durable IDEA proprietary Aquaforce paint coating process
Handles	4 integrated handles
Feet/Skates	4 rubber feet
Installation	1 x 36-mm Pole mount socket (V)
Accessories	Flying frame (RF-EVO55) RS-BASSO-M Rigging structure (included) 35 mm Pole (K&M-21338)

## Passive and Active Versions

**BASSO24t F400** is available in both passive and active versions in order to offer a range of system configurations that maximize de efficiency in performance, setup and costs.

The active **BASSO24t-A** integrates a Powersoft Class-D 3 kW and 24-bit DSP power module.

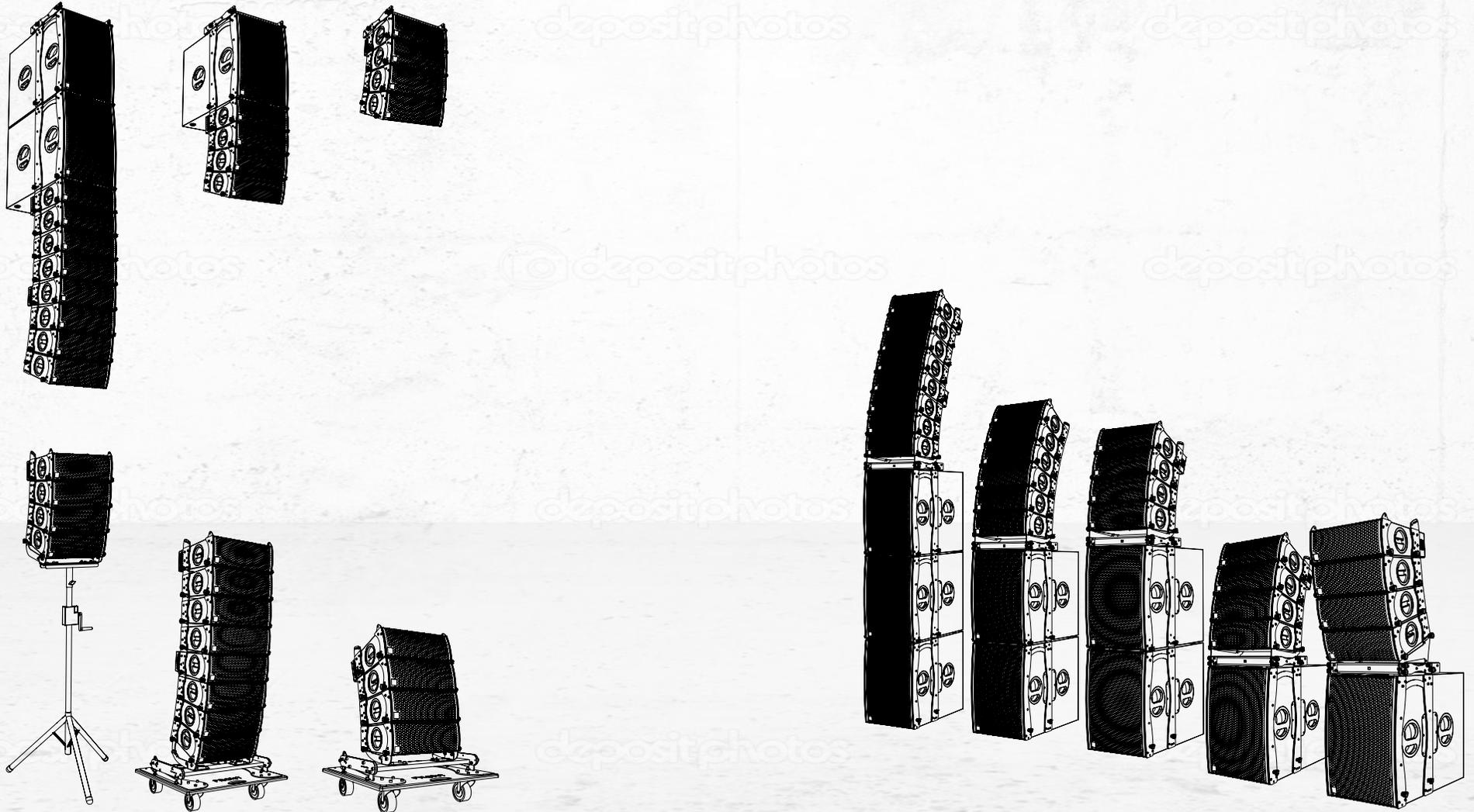


## COMPACT, MODULAR & VERSATILE

**EVO55** systems are unique professional portable sound reinforcement systems that offer excellent modularity and versatility due to optimum scalability of the system for a wide range of Applications.

Building up from simple, mobile setups up to groundstack and stacked on subwoofer concert systems, flown arrays as well as fixed installations.

Choose among the active or passive setup that best fits your needs and save time and money while not compromising the sound nor the reliability of a high-quality European professional audio system.



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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