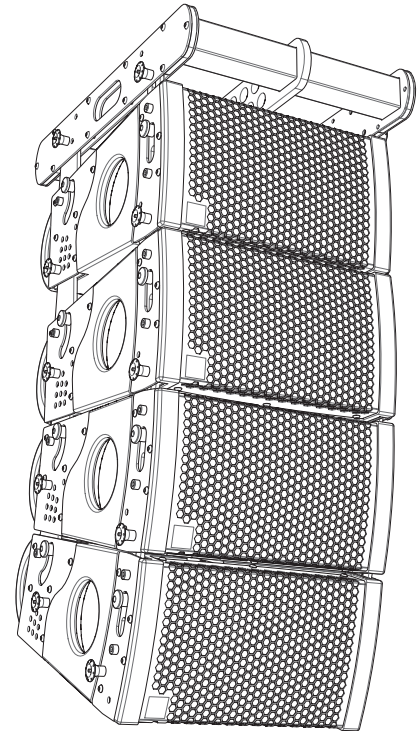
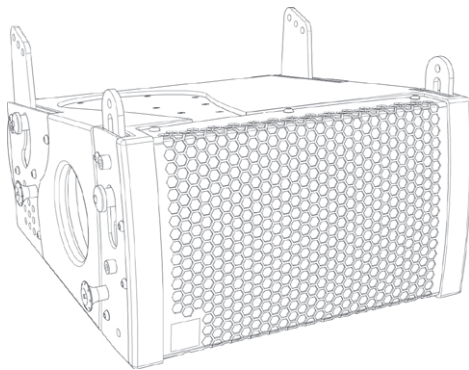


## 2-Way Bi-Amp Compact Line-Array system

### FEATURES

- Proprietary IDEA High-Q 8-slot diffraction waveguide
- 16 + 16 Ohm Bi-AMP
- Premium European custom IDEA transducers
- Neutrik NL4 connectors
- Matching BASSO series subwoofer configurations
- Rugged, durable 15 mm Birch Plywood construction
- TEO Series Amplifier/DSP dedicated configurations
- Durable Aquaforce paint (black, white and RAL colors on demand)
- 1.5 mm Aquaforce coated steel grille with internal protective foam
- Integrated Precision Steel rigging for stacked and flown configurations
- Dedicated LINK Series 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

VOA8 line-array elements feature a HF assembly with a 60 Watt AES, 1,75" compression driver and IDEA's proprietary Hi-Q 8-slot diffraction 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, VOA8 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, VOA8 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. These characteristics make VOA Line array systems capable of enduring intensive touring work, even outdoors.

Transport carts, transport/storage protection covers, flying and stacking frames, adaptors and accessories are available, as well as an EASE FOCUS Version will be available (DTBA) for all VOA Series Line array systems.

VOA8 can be configured to work with most BASSO passive and active series subwoofer models, with DSP and amplification for each specific system configuration to be managed by IDEA TEO Series DSP and System DSP/Amplification solutions as TEO5 and TEOd8

Delivering a clean, undistorted sound with excellent power-density -up to 130 dB Peak SPL (see specifications for more detailed measurements)-, VOA8 is a truly multipurpose sound reinforcement tool, useful in many flexible and convenient modular and scalable configurations.

## TECHNICAL DATA

Enclosure design	10° Trapezoidal Ported Array element
LF Transducers	8" High performance woofer
HF Transducers	1.75" Voice coil Compression Driver (1.4 Exit, 120 mm magnet)
Continuous RMS Power [6dB Crest Factor, 2h]	300 + 60 W
Nominal Impedance	16 + 16 Ohm
Peak SPL [Full Space/Half Space]	124 / 130 dB @ 1m [LF, 1 element, 2 ms, 1200 W]
Frequency Response [-3 dB]	85 – 18,000 Hz
Nominal Directivity [Average @Xover]	Array length-splay dependent x 120° horizontal
Dimensions [WxHxD]	395 x 223 x 490 mm
Weight	21 Kg
Connectors	2 x Neutrik NL4 in Parallel
+/-1	LF
+/-2	HF
Cabinet Construction	15 mm Birch Plywood
Grille	1.5 mm perforated weatherized steel with protective foam
Finish	Durable IDEA proprietary Aquaforce High Resistance paint coating process
Available internal splay angles	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Handles	4 integrated handles
Wheels	-
Feet/Skates	-
Rigging System	Integrated steel rigging system compatible with LINK series rigging accessories

## TECHNICAL DRAWINGS

