

AIRLINE LA8



AIRLINE LA8

2-way full range line array module

- Compact size, low weight
- Coda Audio Dual 4" Neodymium planar wave drivers (patent pending)
- Coda Audio Twin 8" neodymium ultra low distortion woofers
- All four drivers are physically time aligned
- Variable horizontal coverage of 120° or 60°
- Vertical Curving 0° to 12° variable in 1°-steps
- High efficiency
- Integrated rigging system for flown or ground stacked arrays
- System integration with AIRLINE LA8-SUB

- System components: RC20 Rack, AIRLINE LA8-SUB, SCP / RC40 Rack, SC8

The LA8 is a compact, two-way full range line array module, designed for a wide range of applications where high fidelity sound and outstanding intelligibility is required. The cabinet contains two 8" neodymium ultra low distortion cone speakers and two 4" HF neodymium planar wave drivers.

The modules are designed to be used in multiples with a minimum configuration of three. Up to 20 units can be arrayed to achieve extreme high levels needed for larger venues. The built-in passive crossover allows multiple modules to be driven with a single amplifier channel (up to 6 enclosures at 3 Ohm). Bi-amplification is possible as well and is internally configurable. An optional AIRLINE LA8-SUB can be added for increased low frequency response.

The integrated rigging system allows quick and easy flying or ground stacking. Arrays may be built straight or curved in various angles to obtain the desired vertical coverage. The Coda EASE Focus simulation software allows you to calculate the perfect setup for every application.

When used together with AIRLINE LA8-SUB the AIRLINE LA8 line array gives audio companies a flexible plug and play system for a wide range of applications from the smallest venue up to full concert-system sound formats.

Applications include large clubs, convention centers, houses of worship, sport venues, stadiums, theatres, touring, open air, festivals and large scale corporate events

TECHNICAL SPECIFICATIONS LA8

Type:	2-way full range line array module
Application:	Minimum 3, maximum 24 units line array
Frequency response:	70 Hz - 20 kHz (-3 dB)
Power handling (AES):	
Low:	500 W
High:	160 W
Sensitivity low:	99 dB
Max. SPL peak low:	132 dB
Sensitivity high:	115 dB
Max. SPL peak high:	146 dB
Dispersion Horizontal:	120° or 60°
Dispersion Vertical:	Array dependent, 0° - 12° in 1°-steps
Components:	
Low frequency:	2 x 8" neodymium woofer, carbon-fibre diaphragm 2" (51 mm) voice coil, 250 W (AES) each
High frequency:	2 x 4" neodymium planar wave drivers 1.75" (44.4 mm) voice coil, 80 W (AES) each
Crossover point:	1300 Hz passive or bi-amp (internal connector)
Input connectors:	2 x Neutrik™ NL4MP
Nominal impedance Passive:	16 Ohm (+2/-2)
2-way bi-amp operation:	LF: 16 Ohm (+1/-1) / HF: 16 Ohm (+2/-2)
Enclosure shape:	Horizontal trapezoid 2 x 6"
Enclosure material:	Baltic birch plywood
Finish:	Black textured paint
Flying hardware:	Included
Dimensions:	592 x 259 x 316 mm (incl. hardware)
Net weight:	17,7 kg

SYSTEM PERFORMANCE

Array	Horizontal Coverage	Vertical Coverage	Maximum Peak Output
1 Enclosure	120° or 60°	-	132 dB
2 Enclosures	120° or 60°	0° - 12° adjustable	138 dB
4 Enclosures	120° or 60°	0° - 48° adjustable	144 dB
8 Enclosures	120° or 60°	0° - 96° adjustable	150 dB

ACCESSORIES

FR8	Frame for AIRLINE LA8
FR128	Alteration frame kit for FR8, for flying AIRLINE LA8 under AIRLINE LA12
EXBAR 8	Extension bar for FR8 frame
CULA8	U-Bracket for AIRLINE LA8
FC8.4F	Flight Case for 4 x AIRLINE LA8 + 1 x FR8
FC8.4	Flight Case for 4 x AIRLINE LA8
Lift 45	Lift, 4.5 m high, for AIRLINE LA8