



**MOOSE**  
www.moosesound.com

PROUDLY DEVELOPED AND  
MANUFACTURED IN PORTUGAL

# LA12

2-way line array element  
Electronic crossover  
Integrated rigging system



## Presentation:

Compact vertical line array elements designed to provide high performance, detailed highs and a well-defined midrange. The series comprises two compact 2-way front loaded (maximum sensitivity) design models, internal passive crossover, one loaded with a 10" and 3in voice coil transducer + 1.4" (2.56in) compression driver (LA10) and the other with a 12" and 3in interleaved sandwich voice coil + 1.4" (2.56in) high sensitivity compression driver (LA12) both combinations ensuring powerful and crystal clear reproduction, high SPL with an extended frequency response. LA10 and LA12 vertical MF/HF pattern control is array splay dependent and horizontal MF/ HF coverage is 120° thanks a true wave guide horn with phase correction that ensures consistent and long range projection with very low distortion levels. For the active versions, both LA10A and LA12A are equipped with a class D amplifier and a fully programmable DSP (user friendly software) for real time operation according to different environments and music styles. With 5 presets than can be loaded on the rear panel, the class D amplifier is prepared for 85-264Vac universal mains and features various electronic protections to guarantee the use of the speaker system in perfect sound and safe operation. LARRAY rugged enclosure is manufactured using 15mm birch plywood painted in hard-wearing and durable, equipped with fully integrated rigging hardware with quick-release magnetic pins to ensure fast and easy setup, designed both for flying and ground stack applications. The LARRAY series is the perfect in live sound reinforcement solution to be used in small to medium live events, as well as permanent installation

## Features:

- Front loaded array elements
- 2-way passive and class D versions
- High perform. and crystal clear reproduction
- True wave guide horn with phase correction
- Faithful dynamic response and great range
- Universal 85-264Vac for the active versions
- Integrated rigging system for stacked and flown configurations
- Rugged and durable 15mm birch plywood

## Other pictures:



Side view



Rear view





**MOOSE**  
www.mooseound.com

PROUDLY DEVELOPED AND  
MANUFACTURED IN PORTUGAL

# LA12

2-way line array element  
Electronic crossover  
Integrated rigging system

## Technical specifications:

### Acoustical

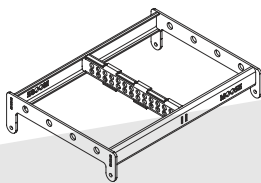
Type	2-way passive line array element
Enclosure design	Trapezoidal wedge shape
Power handling capacity	650W (RMS) 780W (Program) 1500W (Peak)
Frequency range	62 - 20kHz
Nominal impedance	8Ohm
Transducer type	12" LF (3in) EU transducers 1.4" HF NEO (2.56in) EU transducers
Dispersion	Horizontal: 100° Vertical: 7°
Crossover frequency	1600Hz
SPL (1W/1kHz)	132dB @ 1m
Connectors	2x NL4® in parallel

### Physical

Cabinet	15mm birch plywood, rugged polyurea coating
Grille	Custom perforated metal grilles with protective foam
Color	Black or white textured
Hardware	Integrated steel rigging system
Dimensions	660x450x320mm 25.98x12.40x16.34in
Weight	34Kg 75.0lb

## Dimensions:

LARRAY  
Flying Frame



LARRAY  
LA12 // LA12A

