



**MOOSE**  
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PROUDLY DEVELOPED AND  
MANUFACTURED IN PORTUGAL

# LA28

2-way line array element  
Electronic crossover  
Integrated rigging system



## Presentation:

La28 and LA21 are the brand new members of the LARRAY family engineered to offer the highest performance from a small size and compact line array enclosure. Using the same construction principle of an advanced bass-reflex and port arrangement to deliver full bandwidth capabilities with an extended LF output, the LA28 incorporates 2x 8" (2in) and the LA21 2x 10" (2.56in) EU transducers. On the HF frequency range, both models are equipped with one 1.4" compression driver that employs a neodymium magnet structure mounted on an acoustical manifold coupled to a low-distortion and 100° horizontal dispersion wave guide horn that ensures long range projection with very low distortion levels designed to reach high performance yet transparent, clear and velvety high frequencies. For the active versions, both LA28A and LA21A are equipped with a class D amplifier and a fully programmable DSP (user friendly software) for real time operation offering 5 selectable presets than can be loaded on the rear panel. The SMPS 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. The enclosure is trapezoidal and manufactured in 15mm birch plywood painted in hard-wearing and durable polyurea coating, equipped with fully integrated rigging hardware with quick-release magnetic pins to ensure fast and easy setup for both for flown and groundstack applications. Both LA28 and LA21 are ready for any application, from a small installation using two enclosures to an outdoor concert deploying 16 speakers per hang therefore suited touring sound, sports arenas, Live clubs and discos, theatres, corporate A/V presentation, optimized to provide high output and reliability.

## Features:

- Ultra-Compact 2-way curvilinear array module
- Exceptional pattern control
- LA28 fts. 2x 8" (2in) MF EU transducers
- One 1.4" Neo HF driver coupled to a wave guide horn
- Class D amp (SMPS) for the active versions
- Built-in DSP 48kHz (5 presets)
- Universal 85-264Vac mains, all electronic protections
- Integrated rigging system
- Rugged, durable 15mm birch plywood w/ polyurea coating
- Touring sound reinforcement for mid-sized venues

## Other pictures:



Side view



Rear view (perspective)



Rear view



Front view





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## Technical specifications:

### Acoustical

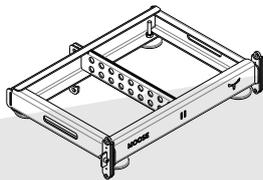
Type	2-way passive line array element
Enclosure design	Trapezoidal array enclosure
Power handling capacity	500W (RMS) 980W (Program) 1600W (Peak)
Frequency range	62 - 19.5kHz (-10dB)
Nominal impedance	4Ohm
Transducer type	2x 8" LF (2in) EU transducers 1.4" HF NEO (2.56in) EU transducers
Dispersion	Horizontal: 100° Vertical: array length splay dependent
Crossover frequency	1600Hz
SPL (1W/1kHz)	128dB @ 1m
Connector	2x NL4® in parallel

### Physical

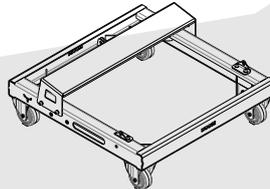
Cabinet	15mm birch plywood, rugged polyurea coating
Grille	Custom perforated metal grilles w/ acoustic foam
Color	Black or white textured
Hardware	Integrated steel rigging system
Dimensions	640x235x420mm 25.19x9.25x16.53in
Weight	22Kg 45.8lb

## Dimensions:

**FL-LA28**  
Fly & Ground stacking Frame



**DOLLY2821**  
Transport dolly



**LARRAY LA28**

