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PROUDLY DEVELOPED AND  
MANUFACTURED IN PORTUGAL

# LOUD

Active Line array system  
Class D amplifier  
Integrated DSP



## Presentation:

LOUD array system probably is one of the most surprising represents the new generation of active line array compact systems developed to deliver premium performance. Each "side" of this active line array system comprises four mid/high passive array elements each loaded with a 2x 5" MF European transducers + 1" HF compression driver driven by a active bass reflex design enclosure featuring a 15" LF (4in) EU transducer. The latest in Class D amplifier technology is incorporated in this LOUD system ensuring ultra-quiet, highly efficient and low distortion output enhanced by 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. The system provides Neutrik® PowerCon® in and out. Each array element comes with an integrated steel rigging system (4 steps). With high quality components and high-technology amplifier LOUD achieves extremely high performance with tight, rock-solid low end, with smooth, detailed highs and a well-defined midrange making this system the ultimate in "all-in-one" complete and convenient "plug-n-play" PA system solution for small to medium size applications.

## Features:

- Compact self-powered line array system
- Suited for small and medium size applications
- 15" LF active subwoofers
- 2x 5" MF + 1" HF passive satellites
- Subwoofers driven by Class D power amplifier
- Single output to link another subwoofer
- Integrated rigging system (stacked and flown)
- Great flexibility in shaping array curvature
- Flying frame and stand support accessories

## Other pictures:



Perspective view



Side view



Rear view





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## Technical specifications:

### Acoustical

Type	Active line array system
Enclosure design	Bass reflex (LOUD15) Trapezoidal array element (LOUD205)
Power output (RMS)	700W (LOUD15) 400W (LOUD205)
Power handling capacity	720W + 720W rms
Frequency range	45Hz - 19kHz
Nominal impedance	N/A
Transducer type	15" LF (4in) EU transducer (LOUD15) 2x 5" MF + 1" HF EU transducers (LOUD205)
Dispersion	120° horizontal (average)
Crossover frequency	Adjustable by fully programmable DSP
SPL (1W/1kHz)	128dB@1m (LOUD15) 113dB@1m (LOUD205)

### Electronics

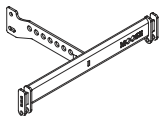
Amplifier type	Class D
Amplifier output	720W + 720W rms
Audio input	XLR/Jack combo connector (LANE15) Neutrik® NL4 (T803)
Audio output	XLR 3p female (LANE15) Neutrik® NL4 (T803)
AC Mains	Switching power supply 85-264Vac universal mains
AC Mains connector	Neutrik® powerCON, Power-in (blue) / Power-out (grey)
Protections	Over current, short circuit, thermal, DC and HF protections

### Physical

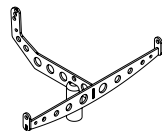
Cabinet	15mm birch plywood (LOUD15) 12mm birch plywood (LOUD205)
Grille	Custom perforated metal grilles with protective foam
Color	Black or white textured durable polyurea coating
Hardware	Plug-play column multi-pin fitting
Dimensions	490x495x430mm (LOUD15) 492x340x170mm (LOUD205)
Weight	30Kg (LOUD15) 9.0Kg (LOUD205)

## Dimensions:

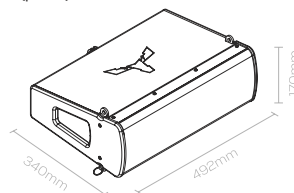
LOUD  
Flying frame



LOUD  
Stand/pole mount frame



LOUD  
Satellite (passive)



LOUD  
Subwoofer (active)

