



MOOSE
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PROUDLY DEVELOPED AND
MANUFACTURED IN PORTUGAL

LANE1400

Active column PA system
Class D amplifier
Integrated DSP



Presentation:

LANE is a versatile self-powered system endowed with high quality components designed to deliver superb sound and offering an exceptional performance in a wide variety of applications. The active subwoofer is equipped with a 15" and 4in voice coil European transducer chosen to provide clean, undistorted low frequency reproduction at very high sound pressure levels and able to withstand high power levels without damage. The column speaker constructed in aluminum features a vertical array assembly of 8x 3" EU transducers plus a 1" HF driver which combined with the subwoofer results in a rock-solid low end and smooth, detailed highs and a well-defined midrange combination. The latest in Class D amplifier technology is incorporated in this LANE1400 system combined with a fully programmable DSP (user friendly software) for real time operation according to different environments and music styles providing an acoustically perfect transition between the subwoofer and the mid/high array assembly. 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.

Features:

- Active "all-in-one" column system
- Elegant looking sub and column design
- Driven by a Class D power amplifier
- Fully programmable DSP (5 presets)
- Universal 85-264Vac mains
- Multi-pin connector to minimize setup time
- Rugged and durable 15mm birch plywood
- Rugged and durable polyurea coating
- Powder coated perforated steel grilles

Other pictures:



Front view



Side view



Rear view





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Technical specifications:

Acoustical

Type	Active column PA system
Enclosure design	Bass reflex (LANE15) Sealed column (T803)
Power output (RMS)	700W (LANE15) 300W (T803)
Power handling capacity	720W + 720W rms
Frequency range	50Hz - 20kHz
Nominal impedance	N/A
Transducer type	15" LF (4in) EU transducer (LANE15) 8x 3" MF (0.75in) + 1" HF EU transducers (T803)
Dispersion	120° horizontal (average)
Crossover frequency	Adjustable by fully programmable DSP
SPL (1W/1kHz)	129dB@1m

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 (LANE15) Extruded aluminium profile (T803)
Grille	Custom perforated metal grilles with protective foam
Color	Black or white textured durable polyurea coating
Hardware	Plug-play column multi-pin fitting
Dimensions	480x480x555mm (LANE15) 107x1320x95mm (T803)
Weight	33Kg (LANE15) 8Kg (T803)

Dimensions:

LANE T803



LANE15

