

MOOSE

www.moosesound.com

PROUDLY DEVELOPED AND
MANUFACTURED IN PORTUGAL

GROOVE MA12

Wedge stage monitor
90°x60° rotatable horn
Class D amp with DSP



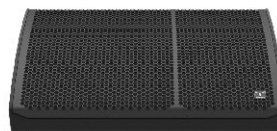
Presentation:

The GROOVE series stage monitors are not just powerful, accurate, compact but beautifully designed. The series has been engineered to deliver a complete sound reinforcement solution to fulfil the highest demands of audio professionals for both permanent installation and rental production markets. The GROOVE series comprises a 10" (2in), 12" (2.5in) and 15" (2.5in) formats incorporating LF loudspeakers that combines excellent linearity with good sensitivity and power handling characteristics together with a 1" (1.73in) compression driver coupled to a CD rotatable (90°x60° and 60°x90°) horn and an internal passive crossover resulting in a surprising sonic performance inside a compact package. The active versions are equipped with a class D amplifier and a fully programmable DSP 48kHz (user friendly software) for real time operation according to different environments and music styles. With 5 presets that 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. To make it portable and flexible, there is a pole mount socket in one side. As a high performance stage monitor, the GROOVE series is suited to sound reinforcement applications such as front of house, floor monitor, sidefill monitoring small and medium sized stages as well as distributed systems.

Features:

- Professional wedged stage monitor
- Passive and active versions available
- 12" MF + 1" HF European transducers
- 8 Ohm passive
- Dual Neutrik NL4 connectors
- Pole mount fitting for stand support
- Elegant looking professional enclosure
- Rugged and durable 15mm birch plywood
- Powder coated custom perforated steel grille

Other pictures:



Front view



Rear view

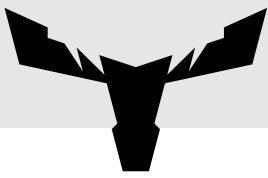


Side view



Side view





MOOSE

www.moose-sound.com

PROUDLY DEVELOPED AND
MANUFACTURED IN PORTUGAL

GROOVE MA12

Wedge stage monitor
90°x60° rotatable horn
Class D amp with DSP

Technical specifications:

Acoustical

Type	2-way active stage monitor
Enclosure design	Wedge shape
Power handling capacity	360W (RMS) 510W (Program) 900W (Peak)
Frequency range	80Hz - 19kHz
Nominal impedance	8Ohm
Transducer type	12" MF (2.5in) EU transducer 1" HF (1.73in) EU transducer
Dispersion	90°x60° or 60°x90° rotatable horn
Crossover frequency	2.0kHz
SPL max. (1W/1kHz)	127dB @ 1m

Electronics

Amplifier type	Class D
Amplifier output	720W rms, 1500W (peak)
Audio input	XLR/Jack combo connector
Audio output	XLR 3p female Speakon NL4 to drive a passive monitor
Indicators	Power, signal/preset
Controls	Master level control, 5 selectable presets
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, rugged polyurea coating
Grille	Custom perforated metal grille w/ acoustic foam
Color	Black textured
Hardware	4 rubber feet, Ø35mm pole mount insertion
Dimensions	660x350x540mm 25.98x13.78x21.26in
Weight	23Kg 50.7lb

Dimensions:

GROOVER
MA12

