

MOOSE

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PROUDLY DEVELOPED AND
MANUFACTURED IN PORTUGAL

GROOVE MA15

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



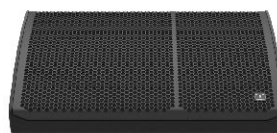
Presentation:

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
- 15" 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

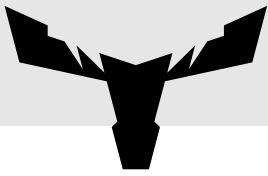


Side view



Side view





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Technical specifications:

Acoustical

| | |
|-------------------------|--|
| Type | 2-way active stage monitor |
| Enclosure design | Wedge shape |
| Power handling capacity | 410W (RMS) 560W (Program) 1100W (Peak) |
| Frequency range | 65Hz - 19kHz |
| Nominal impedance | 8Ohm |
| Transducer type | 15" 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) | 129dB @ 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 | 750x350x540mm 29.53x13.75x21.26in |
| Weight | 25Kg 55.1lb |

Dimensions:

GROOVE
MA15

