

VERTICAL SERIES • ME16V

Compact line-array system with 100° horizontal dispersion

- Premium European components.
- Maximum SPL: 138 dB peak @ 1 m.
- Two-way enclosure (2 x 8" LF and 1.4" HF compression driver) integrated into a single-way system via a custom passive crossover.
- Featuring HEPC® (High-End Phase Coherence) filtering technology for superior phase alignment, built with premium-grade electronic components.
- Easily switchable to bi-amp mode by manually adjusting an internal connection to bypass the passive crossover.
- 100° horizontal dispersion enclosure.
- Loudspeaker model included in EASE® Focus 3D acoustic simulation and prediction software.
- Adjustable splay angles in eleven steps from 0° to 10°.
- Optional digital laser inclinometer kit for fly bar/bumper installation.
- Enclosure crafted from top-grade Finnish birch plywood (BB/BB).
- FSC® certified wood, ensuring strictly controlled production and sustainable reforestation.
- Finished with specialized waterproof polyurea coating, highly resistant to erosion and degradation.
- Robust construction using tongue-and-groove jointing, glued and pressed for maximum structural integrity.
- Hex-punched steel front grille with high-resistance epoxy finish and internal acoustically transparent fabric to protect drivers from dust and debris.
- Maga Engineering® 5-year limited warranty.

HEPC
HIGH-END PHASE COHERENCE





TECHNICAL SPECIFICATIONS

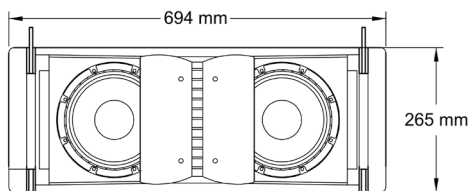
Frequency Response:	65 Hz - 20 kHz
Maximum SPL:	138 dB Peak @ 1m (Measured with M-Noise)
LF/HF Sensitivity (1W @ 1m):	105 dB (With passive crossover)
Power Handling (Continuous):	LF: 600 W AES (16 Ω) HF: 80 W AES (16 Ω)
Recommended amplification:	1200 W to 2500 W @ 8 Ω; performance and reliability are guaranteed exclusively through factory-programmed DSP presets.
Rated impedance:	16 Ω
Nominal dispersion angle (-6 dB):	Horizontal: 100° / Vertical: 10°
Bass components:	2 x 8" neodymium, 300 W AES each
Treble components:	1 x 1.4" neodymium compression driver, 80 W AES

DIMENSIONS

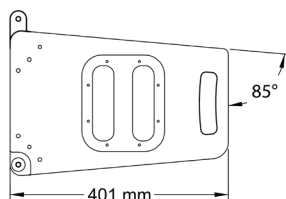
Front (width/height):	694 x 265 mm
Depth:	401 mm
Net weight:	24.5 kg
Connections:	2 x Neutrik® 4-pole speakON®, +1-1 connection (Via custom passive crossover); +1-1 bass / +2-2 mid-treble connection (Bi-amp Mode)



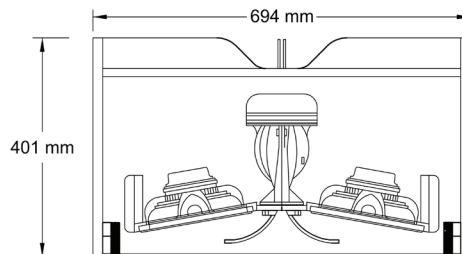
DIMENSIONS



FRONT VIEW



SIDE VIEW



TOP VIEW