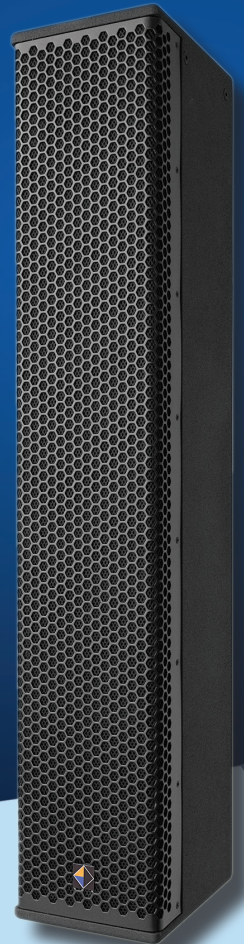


VERTICAL SERIES • ME46V MKII

Compact line-array passive column

- Custom components.
- Exceptional hi-fi sound quality.
- Compact line-array column with 4 x 6.5" and 3 x 1". Reduced to 1 way by means of a passive filter with high phase coherence crafted with premium electronic components.
- High SPL output (137 dB peak at 1 metre).
- HEPC® (High-End Phase Coherence) filter technology.
- 130° horizontal dispersion / 30° vertical dispersion (asymmetrical).
- Ideal for permanent installations where the highest sound quality and voice intelligibility are critical (theatres, auditoria, etcetera). Also suitable for portable PA systems combined with our SUB Series subwoofers.
- Socket for extension bar, mount for microbumper and rigging accessories.
- Made with 18-ply Finnish birch wood.
- Finished with a special waterproof polyurea coating resistant to erosion and degradation.
- Robust construction in panels assembled with tongue-and-groove techniques and subsequently glued and pressed.
- Front grid with hexagonal punching and high-resistance epoxy finish.
- Special acoustic foam coating for protection of the loudspeakers against dust and dirt.
- Maga Engineering® limited 5-year warranty.



HEPC 
HIGH-END PHASE COHERENCE



TECHNICAL SPECIFICATIONS

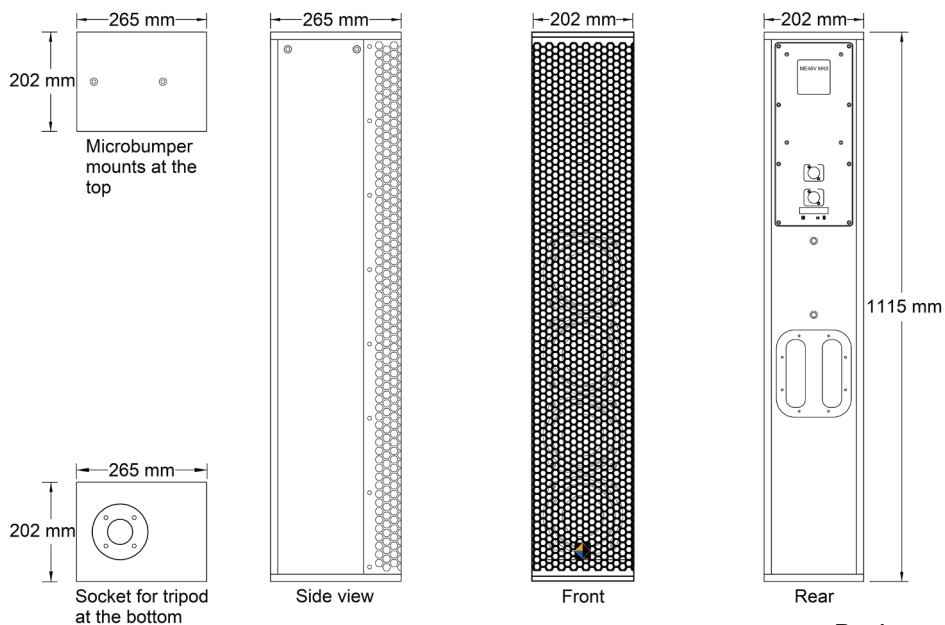
Frequency response (+/- 4 dB):	50 Hz - 20 KHz
Sensitivity (1 W at 1 metre):	100 dB
Admissible power (continuous):	700 W AES, 8 Ω
Recommended amplification:	1000 W to 1500 W
Rated impedance:	8 Ω
Maximum SPL:	137 dB peak at 1 metre
Coverage angle (-6 dB):	Horizontal: 130° / Vertical: 30° (asymmetrical)
Bass components:	4 x 6.5" neodymium, 160 W AES each
Treble components:	3 x 1" neodymium, 60 W AES each

CABINET DIMENSIONS

Front:	1115 x 202 mm
Rear:	265 mm
Net weight:	23 kg
Connections:	2 x Neutrik® 4-pole speakON®, +1-1 connection



DIMENSIONS

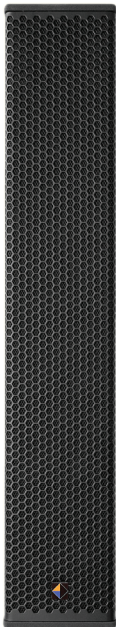


CONFIGURATIONS

The compact line-array column **ME46V MKII** from our **VERTICAL** Series is specifically designed to offer a degree of sonic excellence comparable to the standards of the hi-fi world. It has primarily been conceived for indoor permanent installations (theatres, auditoria, etcetera) where the highest sound quality and voice intelligibility are critical. However, thanks to its wide coverage and astounding performance (**137 dB peak at 1 metre**), it can be used in outdoor settings and also as part of portable PA systems when combined with our **SUB** Series subwoofers.

In particular, the **ME46V MKII / ME218FHA** setup delivers a level of performance and sound quality that stands out as absolutely phenomenal.

This column, remarkably lightweight (**23 kg**) and easy to handle, integrates a custom passive filter with HEPC® (High-End Phase Coherence) filtering technology that optimises the number of necessary amplification channels by reducing the output to 1 way. The recommended amplification for a set of 2 ME46V MKII units plus 2 SUB Series passive subwoofers is the Maga Engineering® **ME 10K** amplifier.



ME46V MKII line-array column



ME46V MKII line-array column stacked on a **ME115SNDX** subwoofer with extension bar



ME46V MKII line-array column stacked on a **ME118SND** subwoofer with extension bar

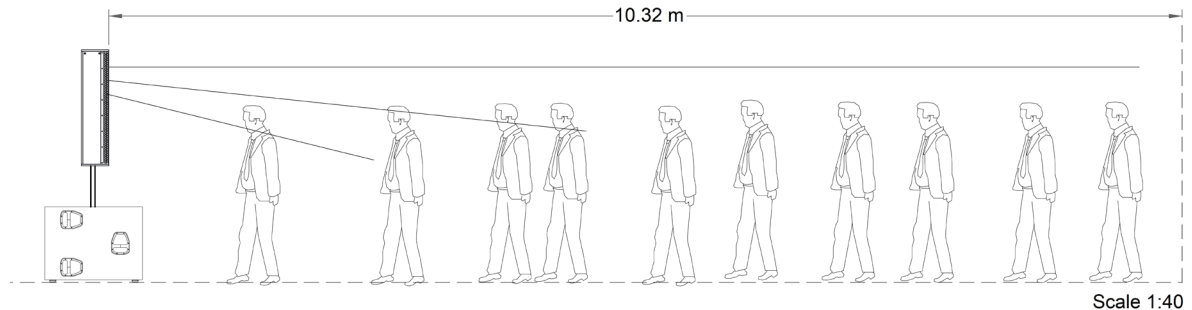


ME46V MKII line-array column stacked on a **ME218FHA** powered subwoofer with extension bar

APPLICATIONS

The **ME46V MKII** compact line-array column from the **VERTICAL** Series is suitable for multiple applications, such as the two configurations suggested below:

1) Coverage with the **ME46V MKII** compact line-array column stacked on a **ME218FHA** subwoofer with extension bar.



2) Coverage for a medium-sized theatre or auditorium with the **ME46V MKII** compact line-array column in a wall mount setup.

