

The M6 is equipped with a high-performance 16Ω 6.5" cone loudspeaker and the same imposing 1" driver as the M8. It amazes listeners with its homogeneity and naturalness.

With four speakON connectors and various assembly options for accessories it can be used anywhere where defined appearance is important. Like all the M series loudspeakers, the M6 is available in both left and right enclosure variants.

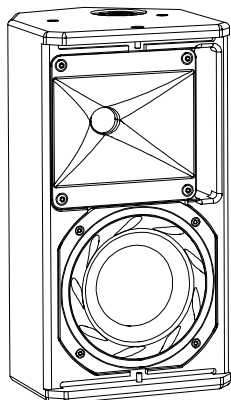
Key Features

- » Compact, lightweight (5.8 kg | 12.8 lbs) universally applicable passive loudspeaker
- » Equipped with one 6,5" long excursion chassis and a 1" compression driver with 1.4" diaphragm
- » 90 × 60 degree rotatable constant directivity HF horn
- » Vertical and horizontal operation possible
- » Right and left enclosure version
- » Four SpeakON® sockets
- » Coherent phase response with all TWAUDIO subwoofers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

Applications

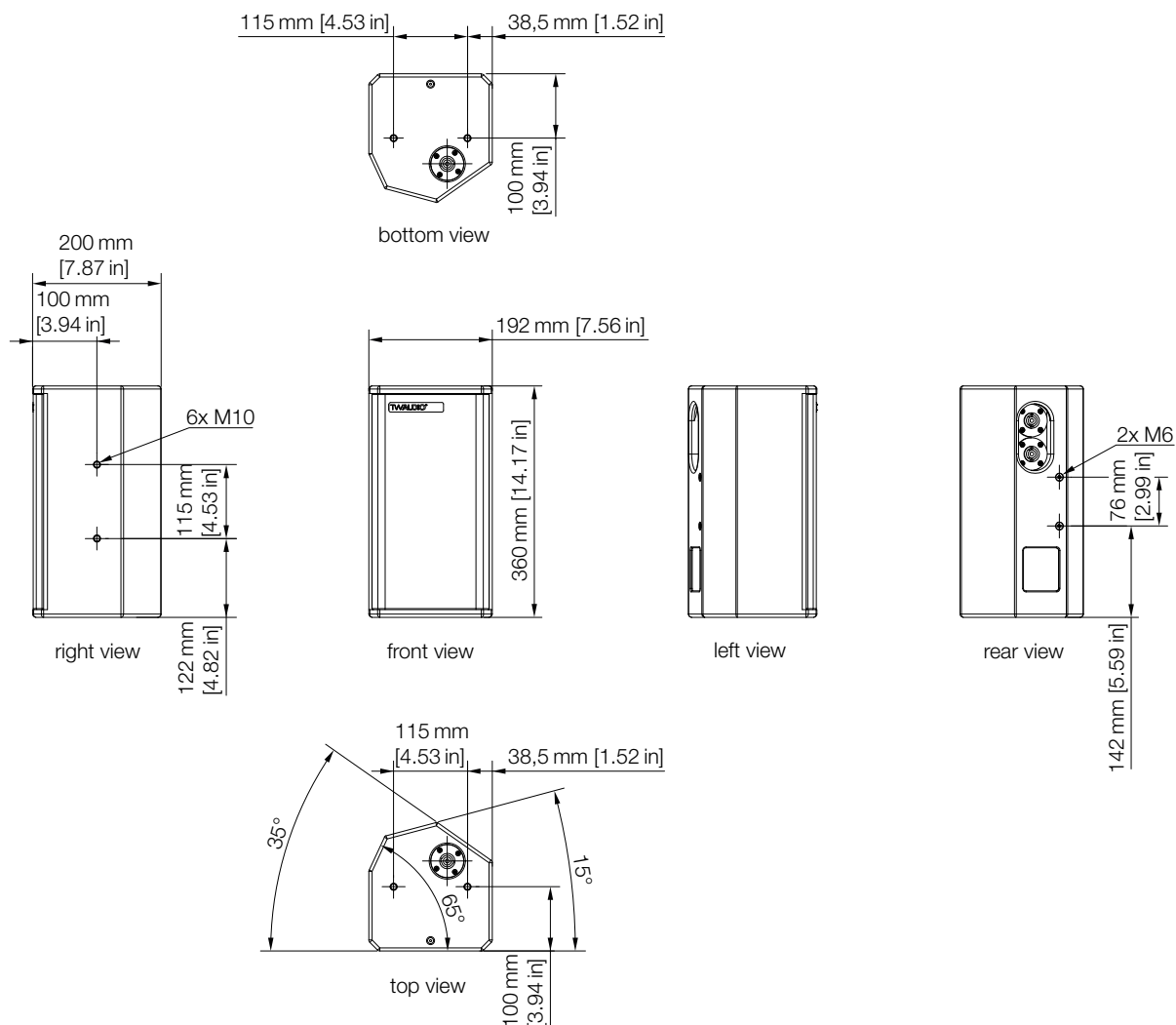
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts and touring

Technical Data



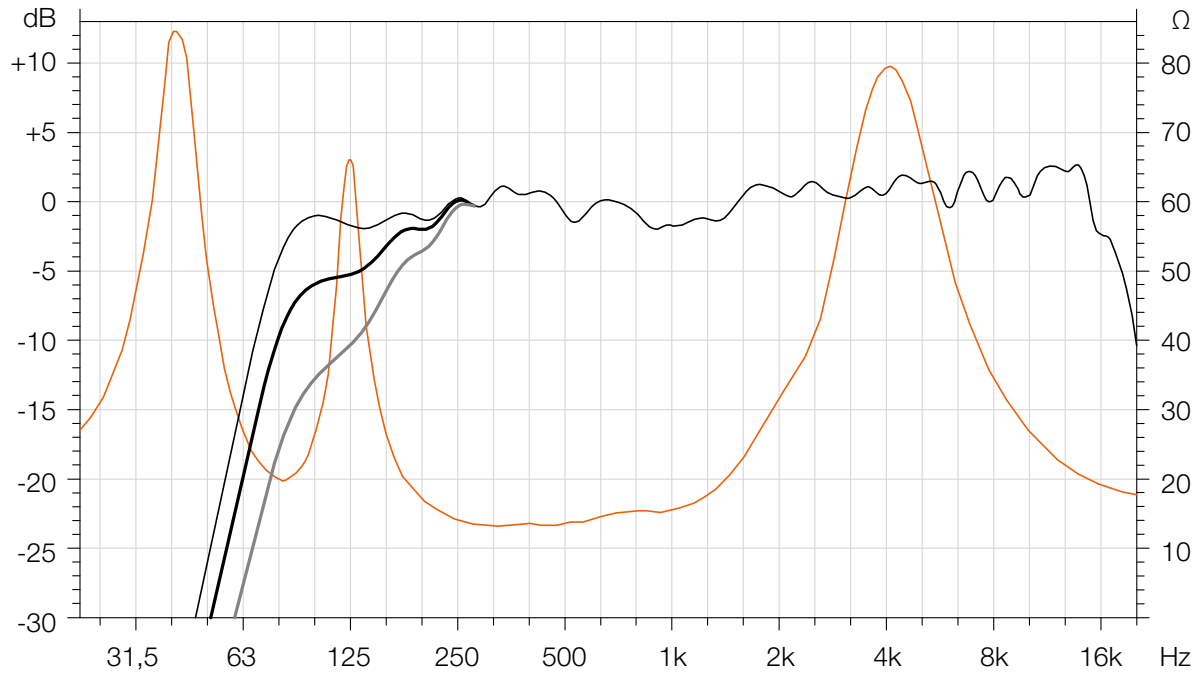
Drivers	1x6,5" LF 1x1,0" HF with 1.4" diaphragm
Frequency range	80 - 20000 Hz
Power capacity program/peak	250/500 W
Impedance	16 Ω
Coverage (h x v)	90° x 60° rotatable
Sensitivity 1 W / 1 m	92 dB
SPLmax / 1 m	119 dB
Connection	speakON® NL4 1±
Dimensions (H x W x D)	360 x 200 x 200 mm 14.17 x 7.87 x 7.87 in
Weight	5,8 kg 12.8 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



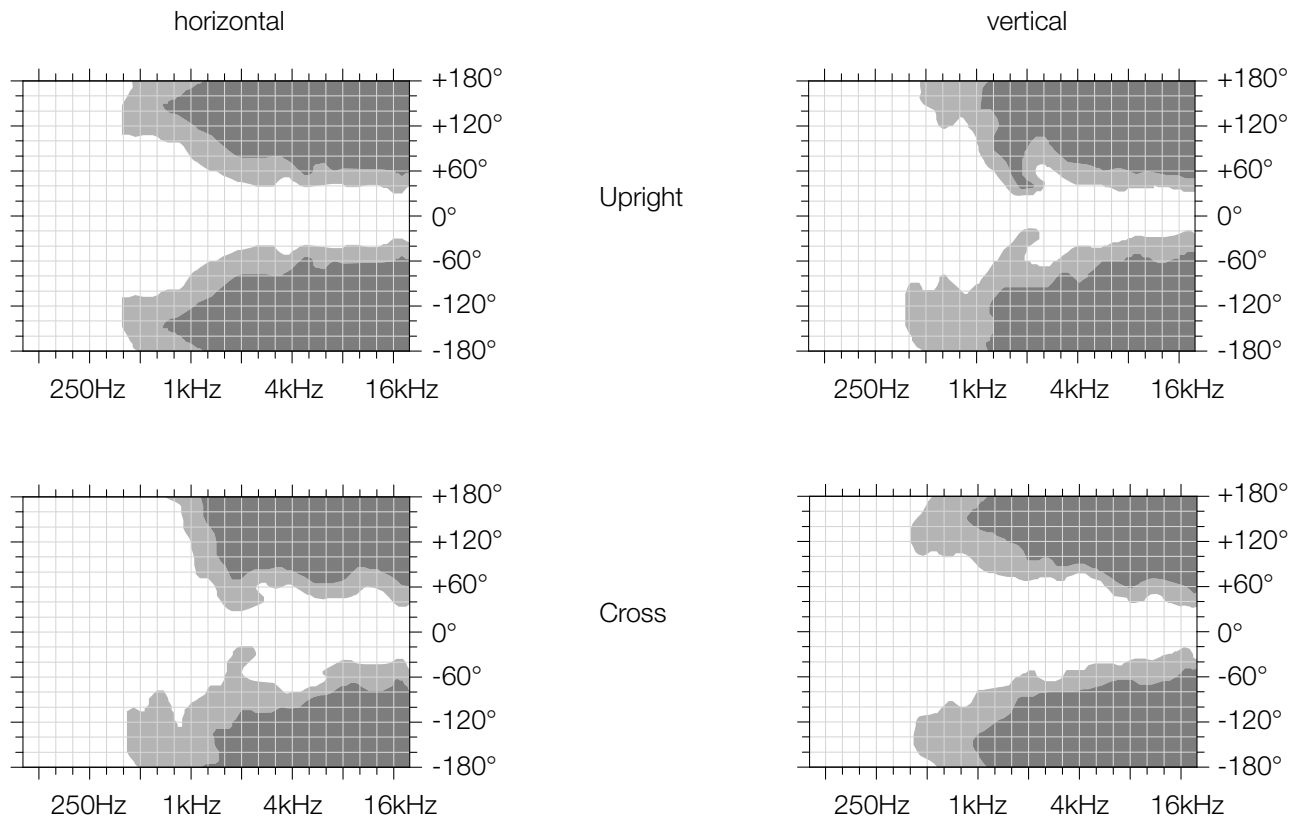
Frequency Response

FULL mode / **FLAT mode** / CUT mode | IMPEDANCE



Radiation Pattern

-6dB | -12dB



Architect Specifications

The loudspeaker shall consist of a compact light-weight enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be possible to operate horizontally and vertically. The loudspeaker shall be available in an right and left enclosure variant.

The enclosure shall feature one 6.5" long excursion neodymium HF transducer with one 1" compression driver neodymium with 1.4" diaphragm. The loudspeaker shall have a rotatable grad constant directivity HF horn, 90° x 60° or 60° x 90°.

The usable system bandwidth shall be 80Hz to 20000Hz.

Maximum peak SPL shall be 119dB. The long-term handling capacity shall be 250W program and 500W peak. The nominal impedance of the loudspeaker shall be 16Ω.

The enclosure cabinet construction shall consist of first grade birch plywood. The front of the enclosure shall be protected by a perforated, powder-coated steel, covered with a flame retardant, hydrophobic and acoustically transparent black 3D mesh fabric. The dimensions shall be 192mm (7.56in) in width, 360mm (14.17in) in height and 200mm (7.87in) in depth and the enclosure weight shall be 5.8kg (12.8lbs).

The enclosure shall feature six M10 threads and two M6 threads for mounting accessories. The enclosure shall feature one integrated handle. The enclosure shall be connected via four parallel 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO M6.

References

The response curves of the system are available upon request – support@twaudio.com

Manufacturer:

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