



The M10 combines the advantages of the compact M8 with the imposing qualities of the high performance M12. The M10 is fitted with the same 1.4" mid-high driver as the M12 and the M15, enabling a deep crossover frequency, thus giving a sound with the best possible intelligibility and directness. Something that you do not get every day within this class. The low-mid range is served by a 10" driver with an extended voice coil for extra large linear excursion.

As a full range speaker, a compact monitor or a top, for instance in actively crossed over combination with a B18 or B30 subwoofer, the M10 offers a direct sound with plenty in reserve. Almost invisible. But impressively audible.

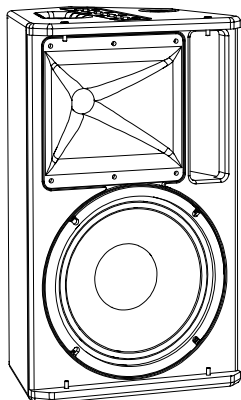
Key Features

- » Integrated pole mount flange as well as integrated rigging tracks on three sides
- » Equipped with one 10" long excursion chassis and a 1,4" compression driver with 3" diaphragm
- » 75 x 50 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

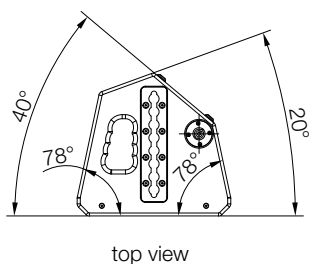
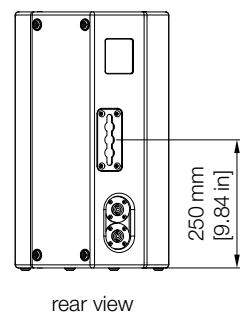
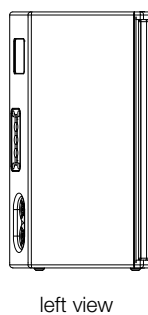
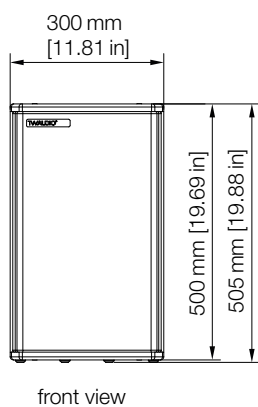
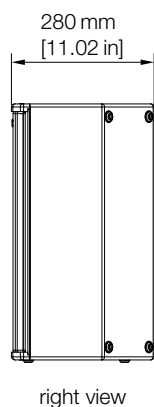
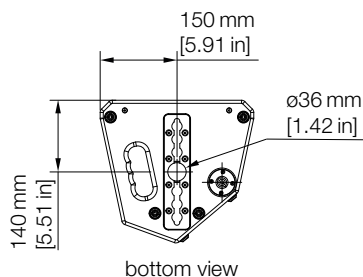
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts and touring

Technical Data



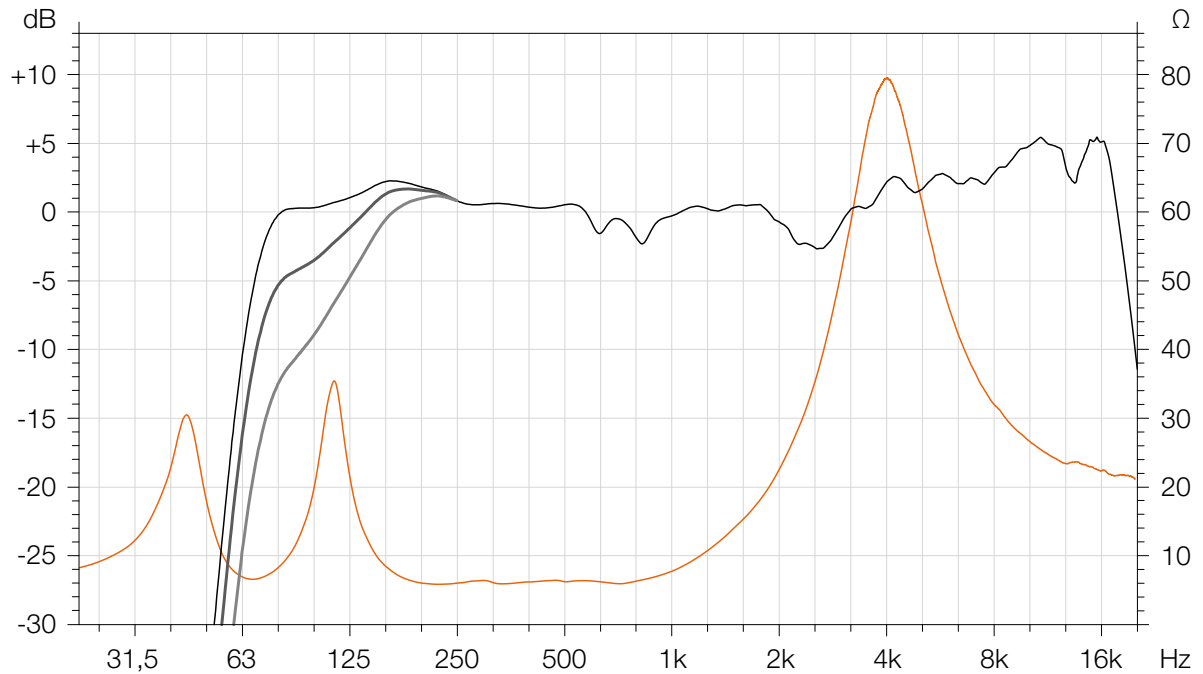
Drivers	1× 10" LF 1× 1,4" HF with 3" diaphragm
Frequency range	68 - 19000 Hz
Power capacity program/peak	600/1200 W
Impedance	8 Ω
Coverage (h × v)	75° × 50° rotatable
Sensitivity 1 W / 1 m	97 dB
SPLmax / 1 m	127 dB
Connection	speakON® NL4 1±
Dimensions (H × W × D)	505 × 300 × 280 mm 19.88 × 11.81 × 11.02 in
Weight	15,2 kg 33.5 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



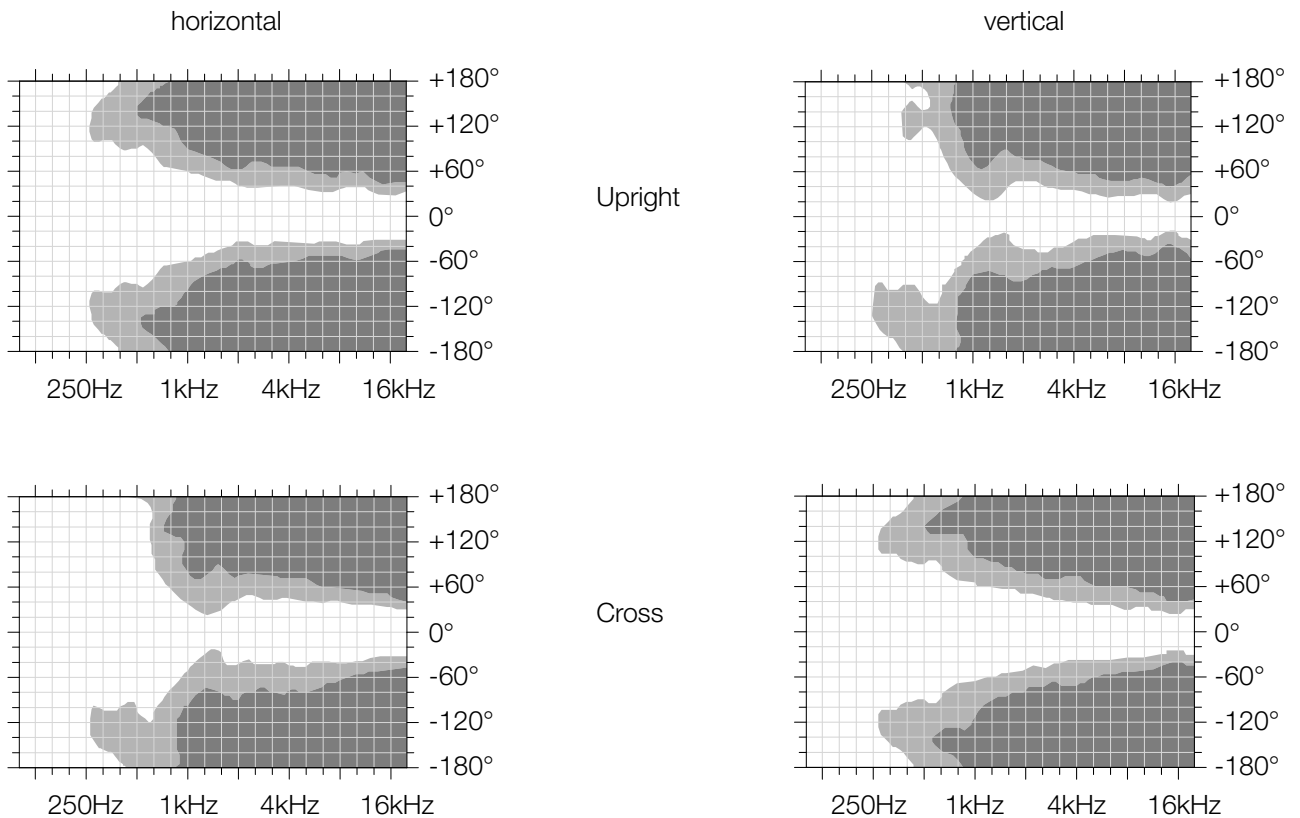
Frequency Response

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



Radiation Pattern

-6dB | -12dB



Architect Specifications

The loudspeaker shall consist of a point source multifunctional 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 10" long excursion neodymium HF transducer with one 1,4" compression driver neodymium with 3" diaphragm. The loudspeaker shall have a rotatable grad constant directivity HF horn, 75° × 50° or 50° × 75°.

The usable system bandwidth shall be 68Hz to 19000Hz.

Maximum peak SPL shall be 127dB. The long-term handling capacity shall be 600W program and 1200W peak. The nominal impedance of the loudspeaker shall be 8Ω.

The enclosure cabinet construction shall be first grade birch plywood. The front shall be protected by a perforated, po steel, covered with a flame retardant, hydrophobic and acoustically transparent black 3D mesh fabric. The dimensions shall be 300mm (11.81 in) in width, 505mm (19.88 in) in height and 280mm (11.02 in) in depth and the enclosure weight shall be 15.2kg (33.5lbs).

The enclosure shall include internal hardware for rigging and be used in conjunction with dedicated rigging accessories. The enclosure shall have one cabinet flange to attach it on a distance rod. The enclosure shall feature two integrated handles and eight stacking rubber feet. The enclosure shall be connected via four parallel 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO M10.

References

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

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