

One of the most popular TWAUDIO products is the M8, an uncompromisingly developed compact loudspeaker with an 8" / 1" configuration. Special mention is to be made of the passive combination of the M8 and the B15, making up our M-SYS-TWO. Also in active driven bi-amped combination with B15, B18 or even B30s. With its 124 dB SPL the M8 remains acoustically superior as a top for a long time.

Key Features

- » Integrated cabinet flange
- » Equipped with one 8" 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

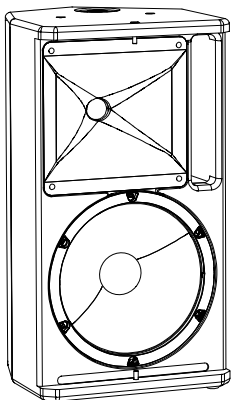
Applications

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

M8

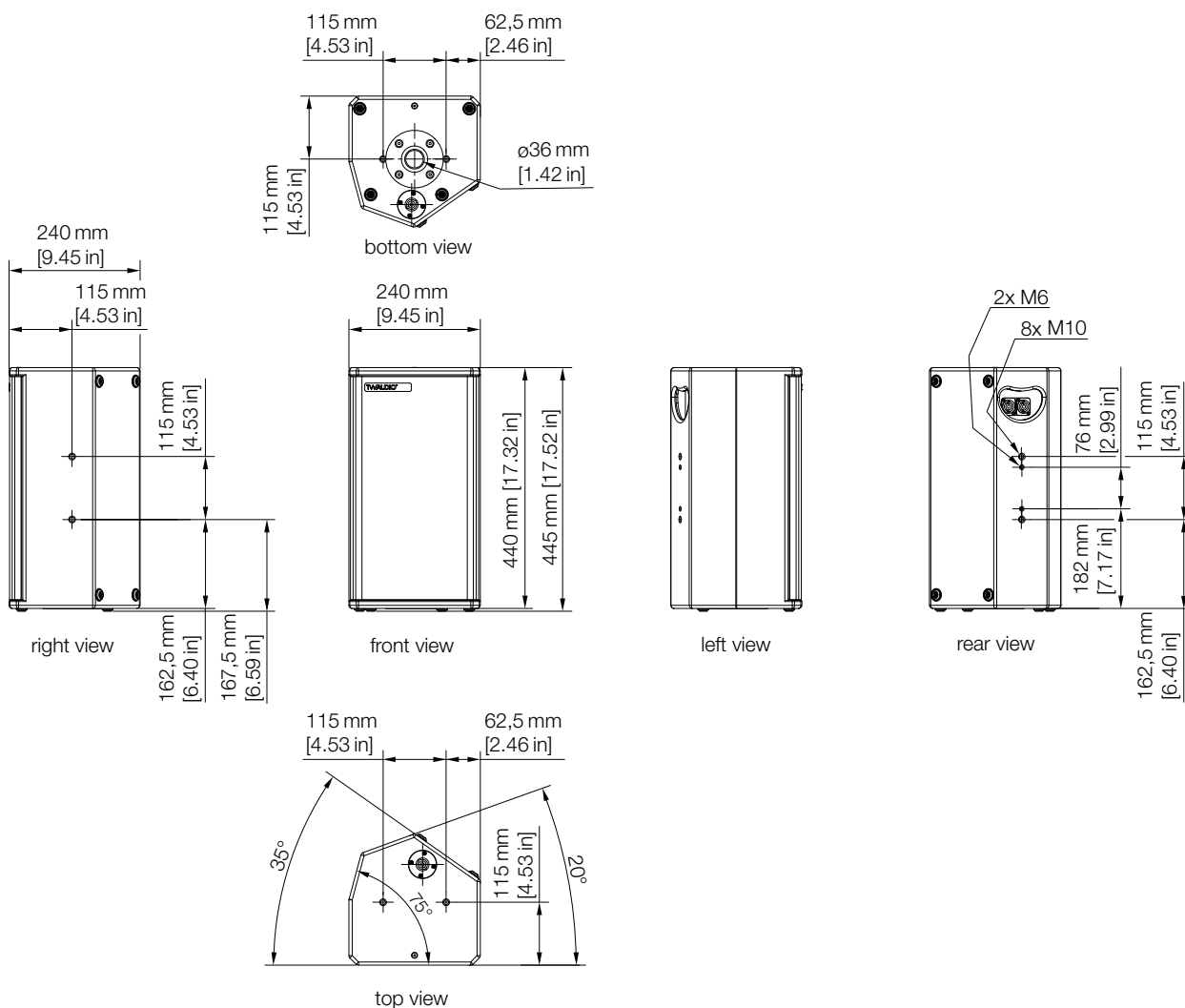
DATASHEET

Technical Data



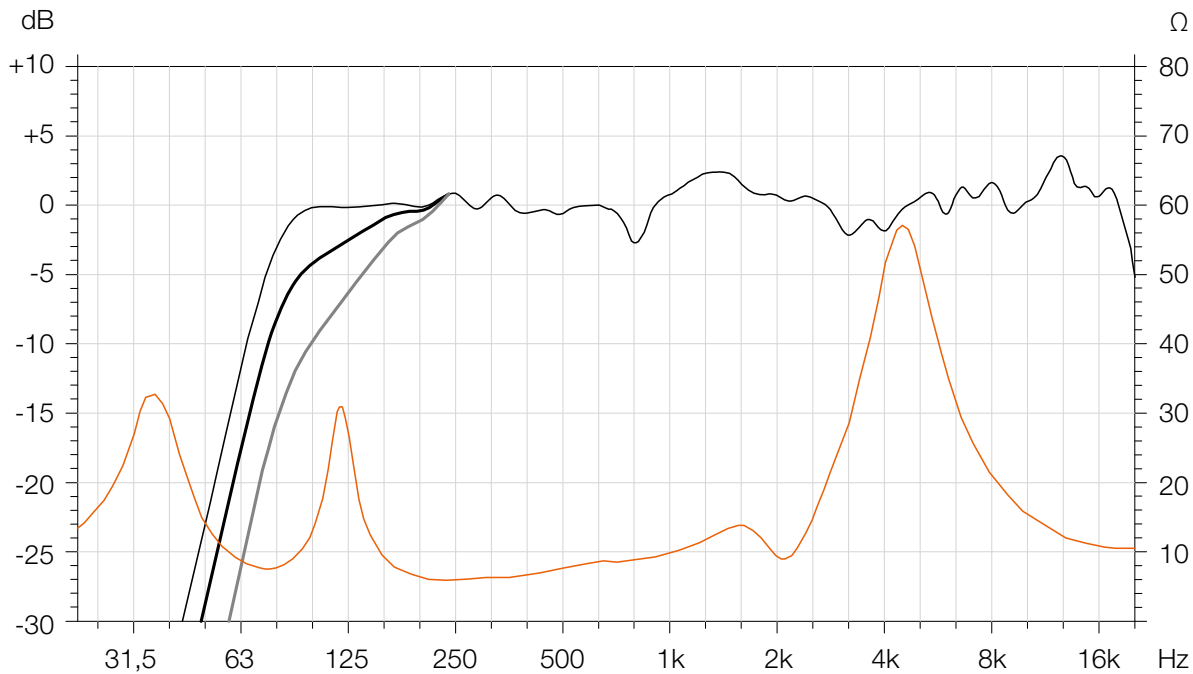
Drivers	1x 8" LF 1x 1,0" HF with 1.4" diaphragm
Frequency range	70 - 20000Hz
Power capacity program/peak	400/800W
Impedance	8Ω
Coverage (h x v)	90° x 60° rotatable
Sensitivity 1W/1m	95 dB
SPLmax / 1m	124 dB
Connection	speakON® NL4 1±
Dimensions (H x W x D)	445 x 240 x 240 mm 17.52 x 9.45 x 9.45 in
Weight	10.0 kg 22.05 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



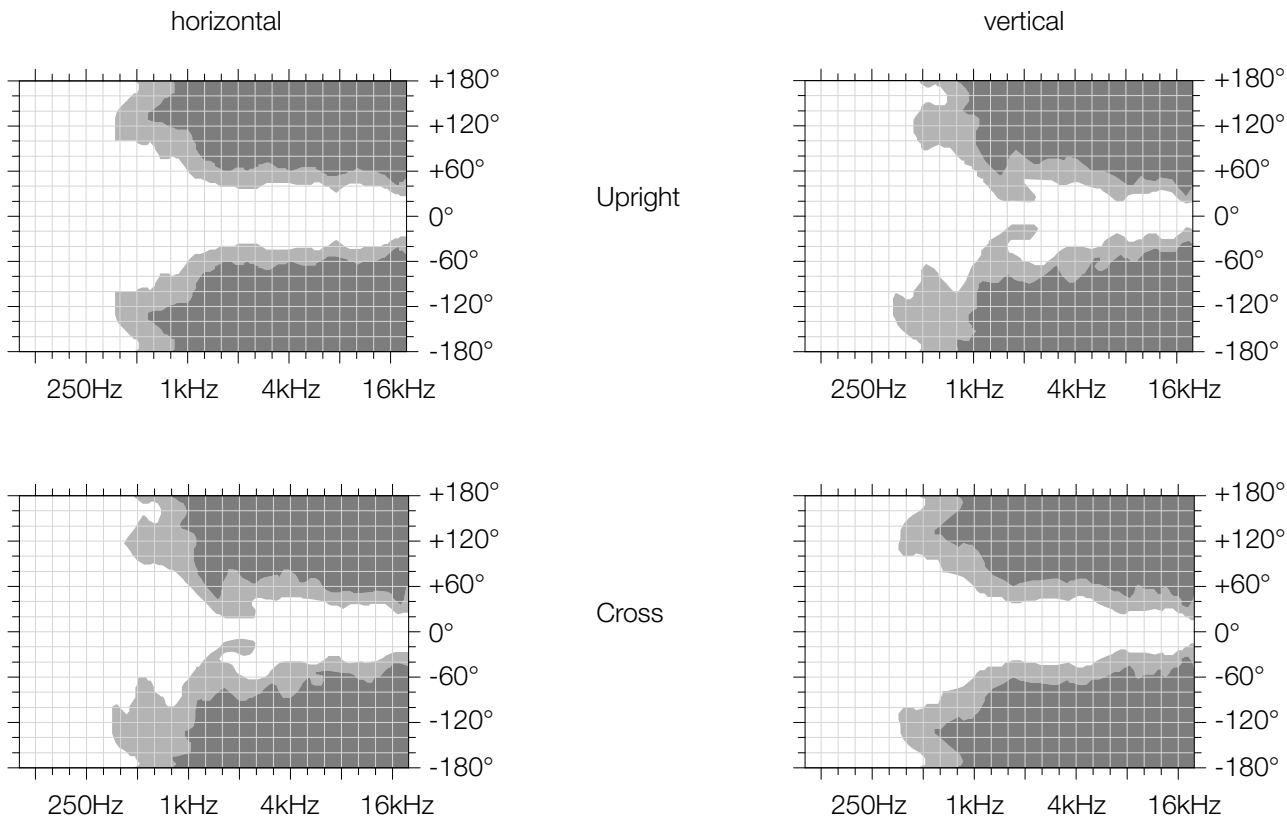
Frequency Response

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



Radiation Pattern

-6 dB | -12 dB



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 8" 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° × 60° or 60° × 90°.

The usable system bandwidth shall be 70Hz to 20000Hz.

Maximum peak SPL shall be 124dB. The long-term handling capacity shall be 400W program and 800W peak. The nominal impedance of the loudspeaker shall be 8Ω.

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 240mm (9.45in) in width, 445mm (17.52in) in height and 240mm (9.45in) in depth and the enclosure weight shall be 10kg (22lbs).

The enclosure shall feature eight M10 threads and two M6 threads for mounting accessories. The enclosure shall have one cabinet flange to attach it on a distance rod. The enclosure shall feature one integrated handle and eight stacking rubber feet. The enclosure shall be connected via four parallel 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO M8.

References

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

Manufacturer:
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