



The M8i is the installation version of the M8, one of the most popular TWAUDIO products. The M8i takes the same uncompromising acoustic design of the M8 (8" LF driver, 1" compression driver and rotatable 90° × 60° horn) and places it in the i-series installation specific enclosure.

The phase-aligned and frequency corrected passive crossover allows the M8i to be driven even by standard linear amplifier without DSP presets. For extended fullrange use, or in combination with TWAUDIO subwoofers, there are dedicated presets available for Powersoft and Lab.gruppen amplifier platforms.

The M8i allows delivery of uncompromising audio in an architecturally discrete package.

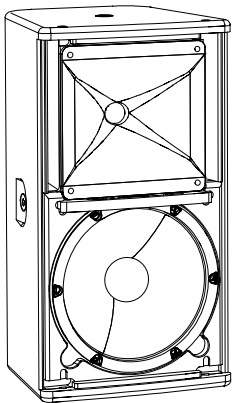
Key Features

- » Cost effective solution using amplifiers without DSP
- » Use with or without subwoofers
- » Vertical and horizontal operation possible
- » Well shaped enclosure
- » Coherent phase response with all TWAUDIO subwoofers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

Applications

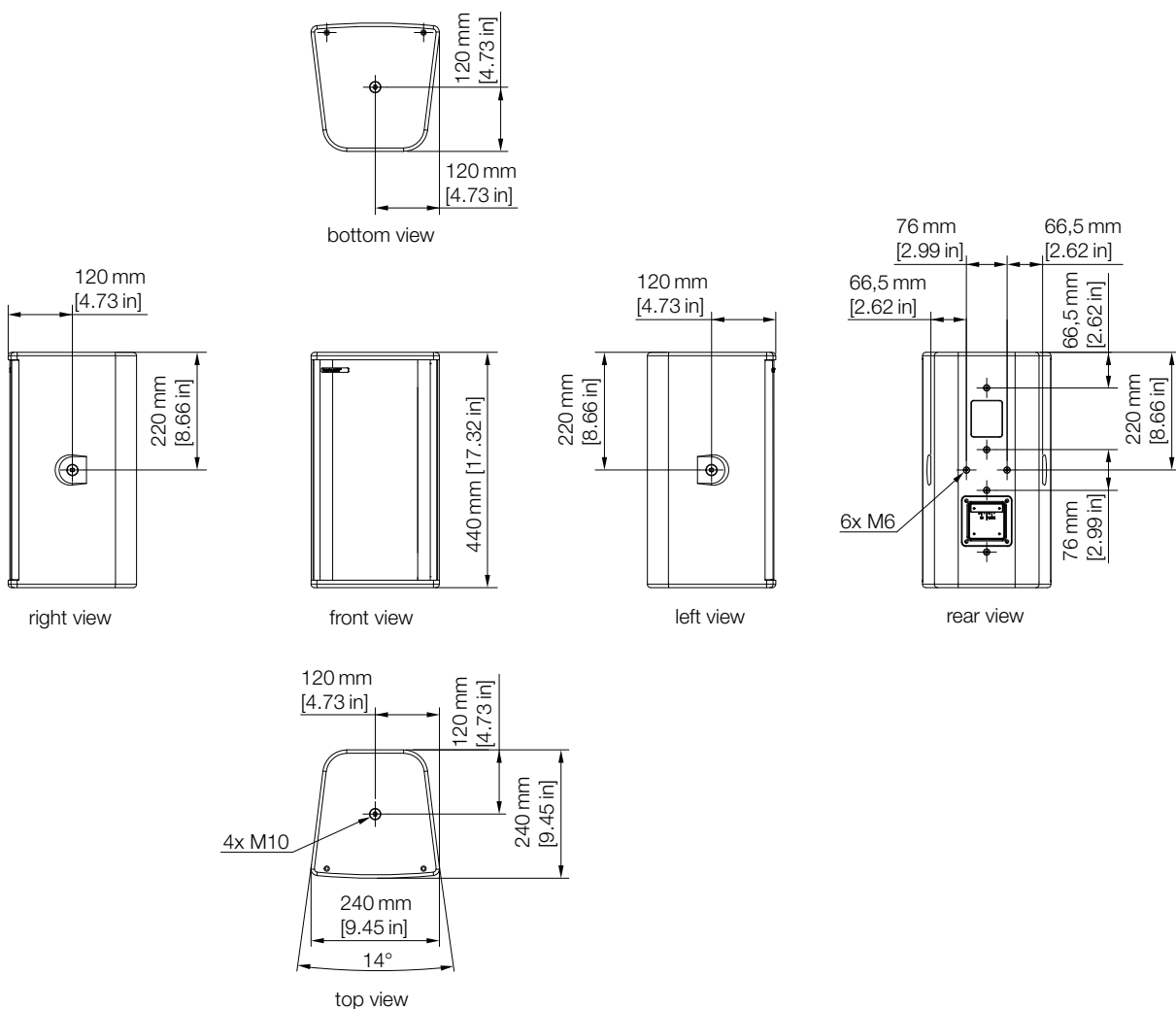
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts

Technical Data



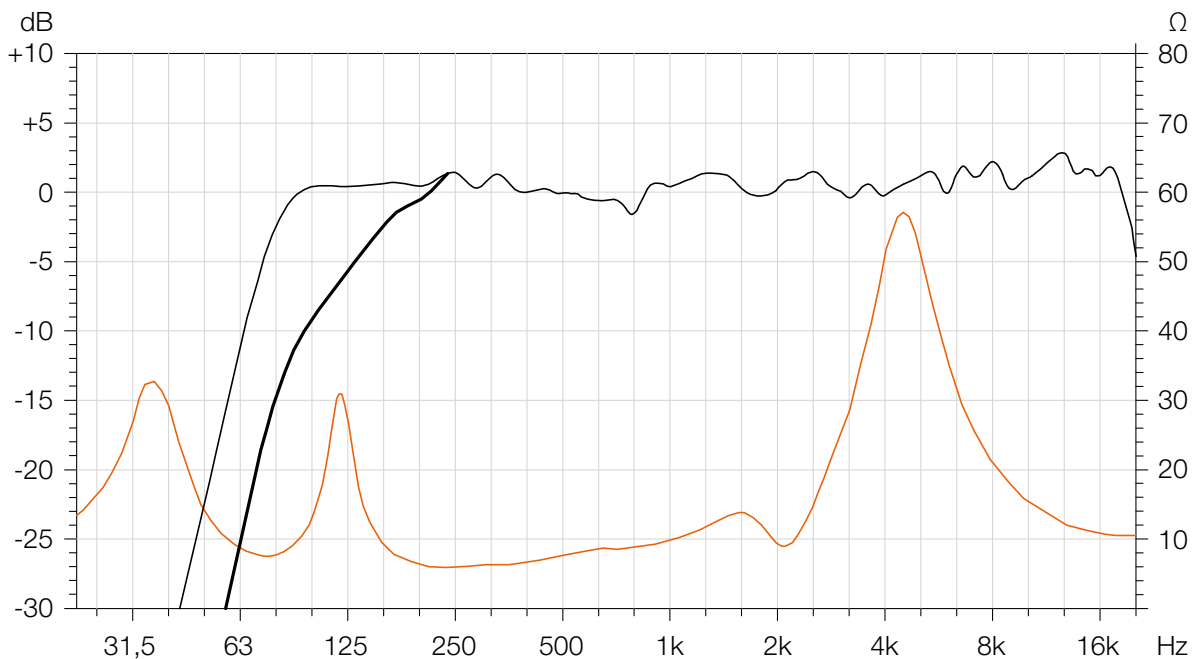
Drivers	1x 8" LF / 1x 1,0" HF
Frequency range	66 - 20000 Hz
Power capacity program/peak	400/800 W
Impedance	8 Ω
Coverage (h x v)	90° x 60° rotatable
Sensitivity 1 W/1 m	95 dB
SPLmax / 1 m	124 dB
Connection	screw terminal IN± LINK±
Dimensions (H x W x D)	440 x 240 x 240 mm 17.32 x 9.45 x 9.45 in
Weight	10.3 kg 22.7 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



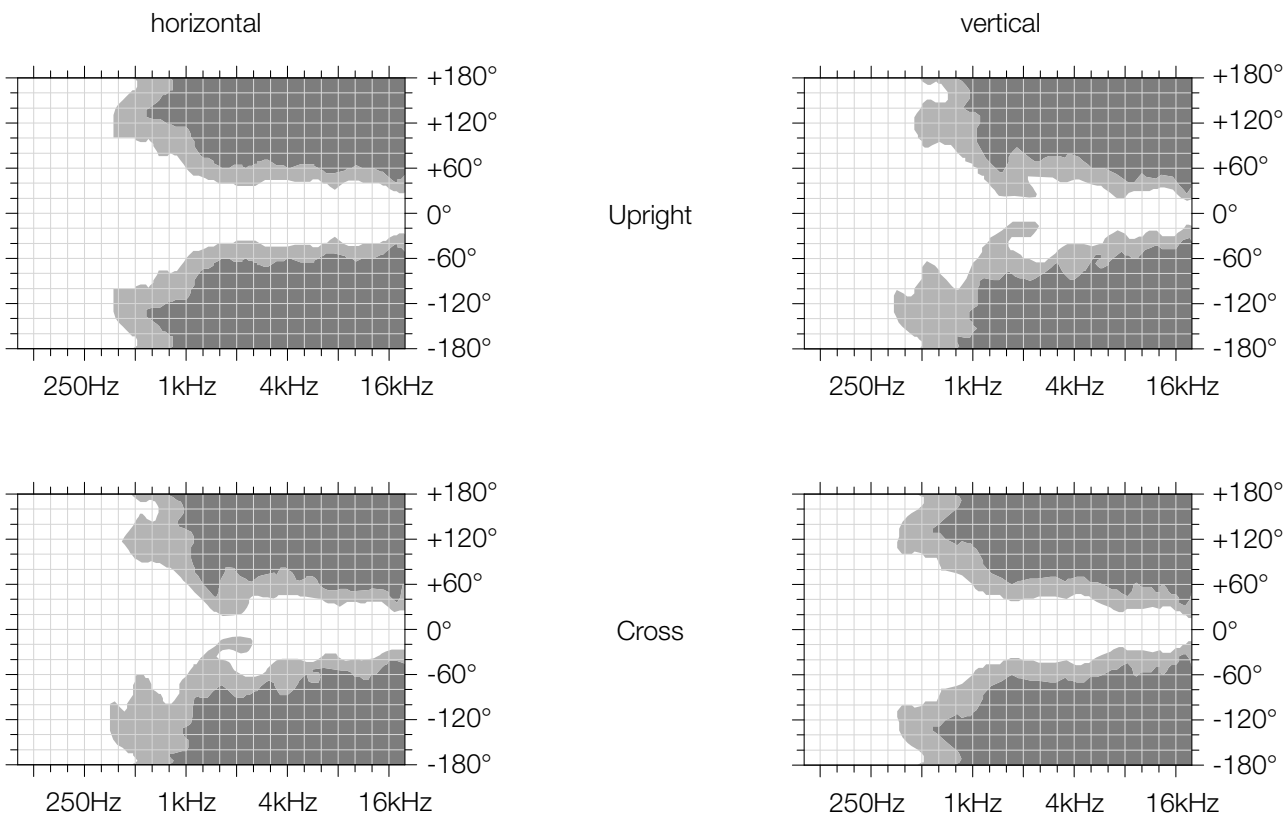
Frequency Response

FULL mode / CUT mode | IMPEDANCE



Radiation Pattern

-6 dB | -12 dB



Architect Specifications

The loudspeaker shall consist of a well shaped enclosure driven and protected by a dedicated powered amplified controller and for cost effective solutions shall be used a standard amplifier also. The loudspeaker shall be used with or without subwoofers, even fully passive with B10P or B15P. The loudspeaker shall be possible to operate vertically or horizontally. The loudspeaker shall be used for distributed sound systems.

The enclosure shall feature one 8" long excursion neodymium HF transducer and a rotatable horn, 90° x 60° or 60° x 90°, with one 1" compression driver neodymium.

The usable system bandwidth shall be 66Hz 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 with flame retardant and hydrophobic, black fabric to the rear. The dimensions shall be 240mm (9.45in) in width, 440mm (17.32in) in height and 240mm (9.45in) in depth and the enclosure weight shall be 10.3kg (23lbs).

The enclosure shall feature four M10 threads and six M6 threads for mounting accessories. The enclosure shall be connected via screw terminal as standard.

The loudspeaker shall be the TWAUDIO M8i.

References

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

Manufacturer:
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