



The M12i is the installation version of the M12, a product proven over many years in countless deployments in FOH, delay line and monitor applications. Using the same components as M12, the M12i is the perfect adaptation of this speaker for installations.

The phase-aligned and frequency corrected passive crossover allows the M12i 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 M12i is available in 65° × 45° HF Horn which is rotatable.

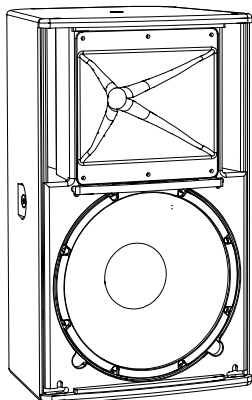
Key Features

- » 12" LF / 1.4" HF combination with excellent voice transmission
- » 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

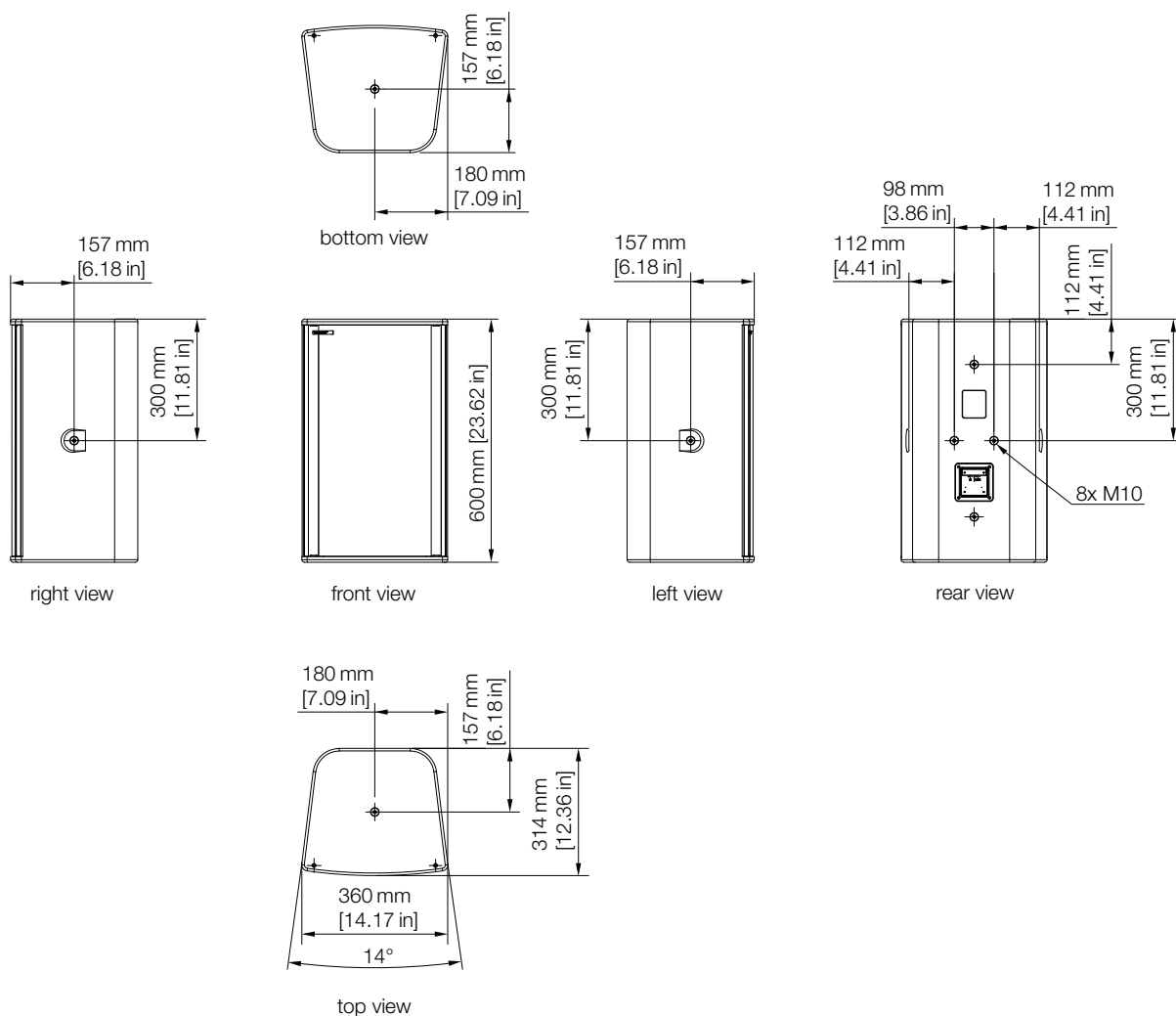
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts

Technical Data



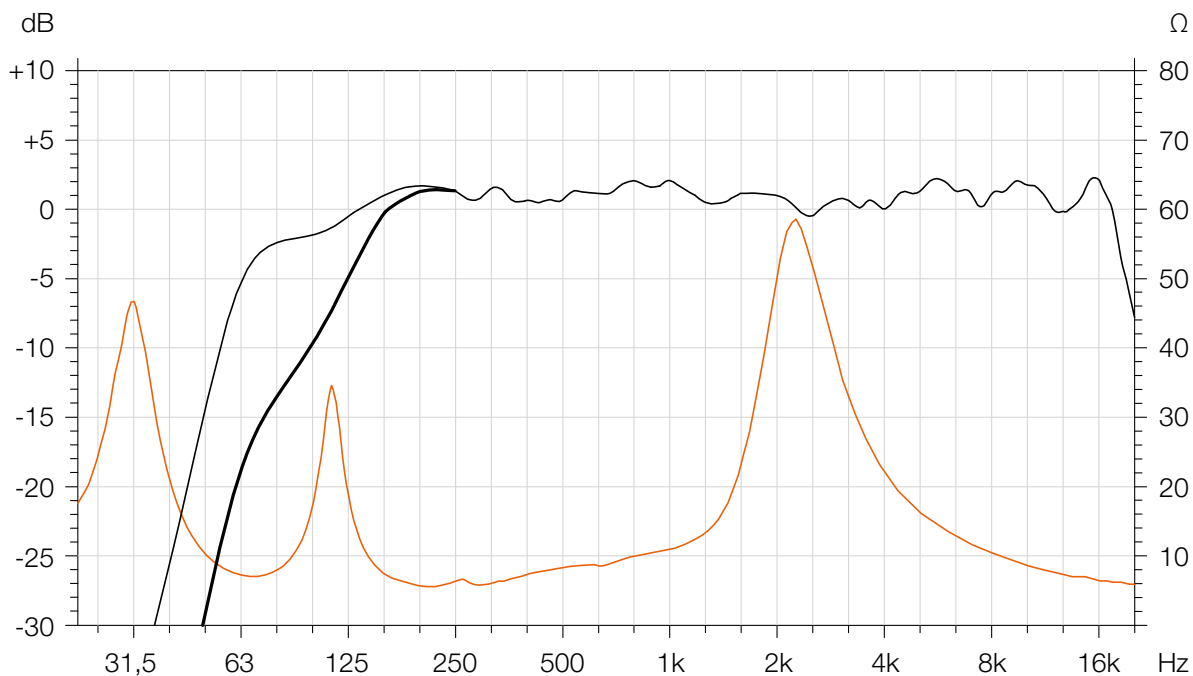
Drivers	1x 12" LF / 1x 1,4" HF
Frequency range	58 - 19000 Hz
Power capacity program/peak	700/1400 W
Impedance	8 Ω
Coverage (h x v)	65° x 45° rotatable
Sensitivity 1 W/1 m	101 dB
SPLmax / 1 m	132 dB
Connection	screw terminal IN $\pm$ LINK $\pm$
Dimensions (H x W x D)	600 x 360 x 314 mm 23.62 x 14.17 x 12.36 in
Weight	19.2 kg 42.3 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



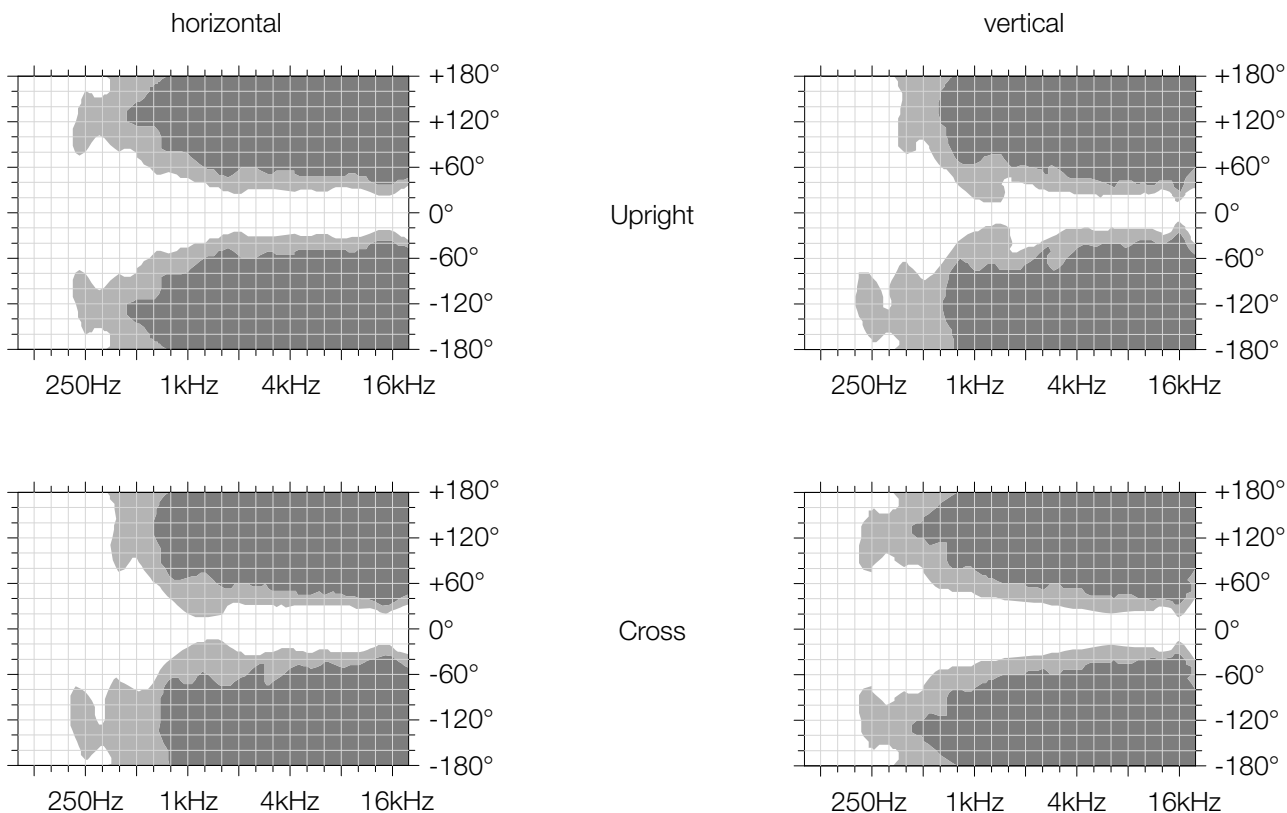
Frequency Response

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 without DSP. The loudspeaker shall be used with or without subwoofers. The loudspeaker shall be possible to operate vertically or horizontally.

The enclosure shall feature a combination of one 12" long excursion neodymium LF transducer with one 1,4" HF compression driver neodymium. The loudspeaker shall have a rotatable horn, 65° x 45°.

The usable system bandwidth shall be 58Hz to 19000Hz.

Maximum peak SPL shall be 132dB. Term handling capacity shall be 700W pro 1400W peak. The nominal impedance of the speaker 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 360mm (14.17in) in width, 600mm (23.62in) in height and 314mm (12.36in) in depth and the enclosure weight shall be 19.2kg (42lbs).

The enclosure shall feature eight M10 threads for mounting accessories. The enclosure shall be connected via screw terminals as standard.

The loudspeaker shall be the TWAUDIO M12i.

References

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

Manufacturer:

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