



The M15 is a real all-rounder. You can use it as a fullrange stand-alone box for a party, as a delay line speaker, for voice reinforcement or as a monitor on stage. Also in combination with one of our other subs – passively with the B15 (M-SYS-ONE) as a drum fill or small club PA. Even actively driven with the B18, B30 or the BSX.....

And what's more, the M15, just like the M12 and M10, is standardly equipped with air cargo rigging tracks over which double stud fittings or flying brackets can easily be mounted without the help of tools. Put it on, click it in, done.

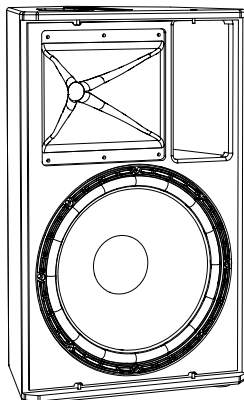
Key Features

- » Integrated pole mount flange as well as integrated rigging tracks on three sides
- » Equipped with one 15" 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
- » Coherent phase response with all TWAUDIO subwoofers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

Applications

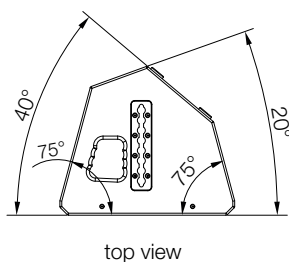
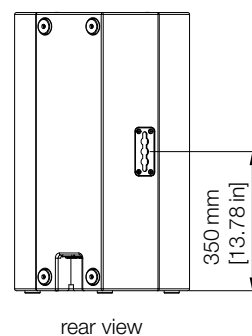
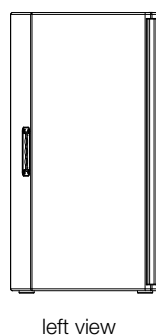
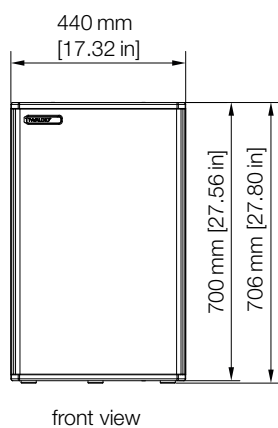
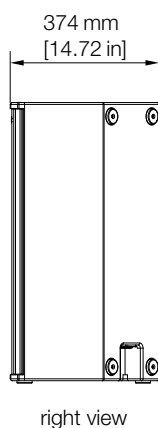
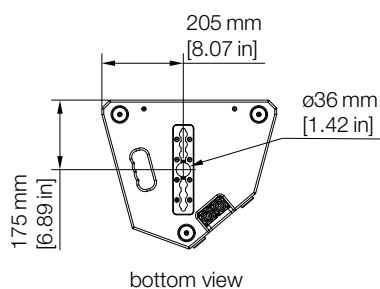
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts and touring

Technical Data



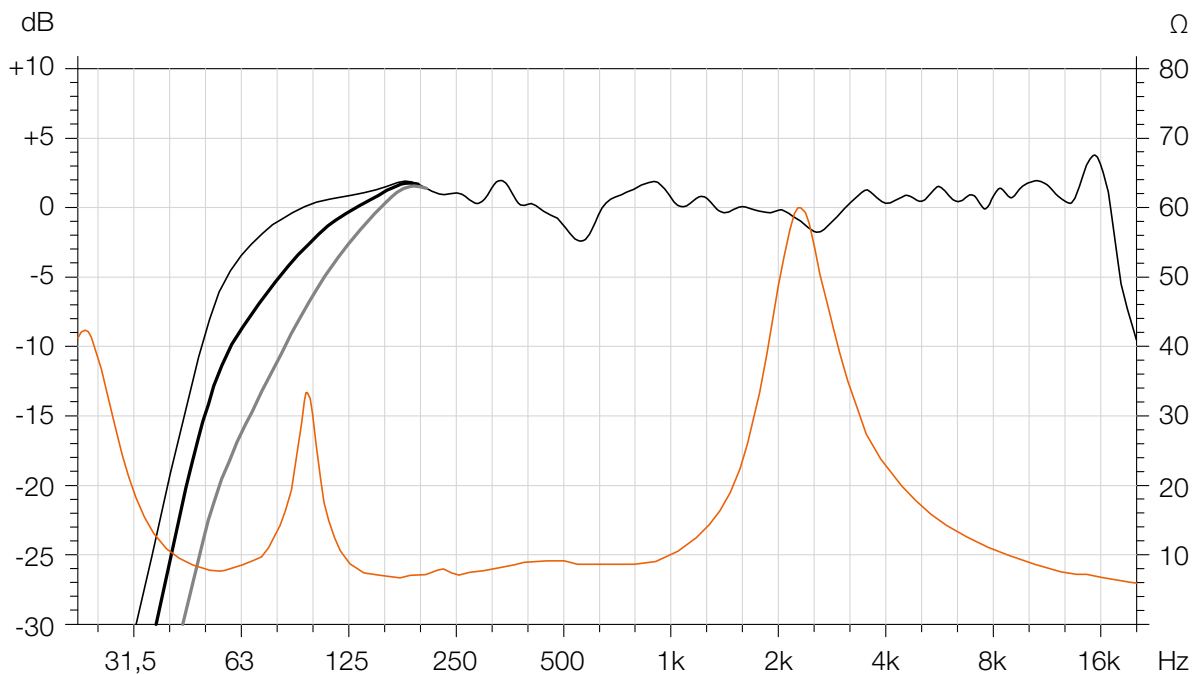
Drivers	1× 15" LF 1× 1,4" HF with 3" diaphragm
Frequency range	50 - 19000Hz
Power capacity program/peak	800/1600W
Impedance	8 Ω
Coverage (h × v)	75° × 50° rotatable
Sensitivity 1 W/1 m	99 dB
SPLmax / 1 m	131 dB
Connection	speakON® NL4 1±
Dimensions (H × W × D)	706 × 440 × 374 mm 27.8 × 17.32 × 14.72 in
Weight	24.9 kg 54.9 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



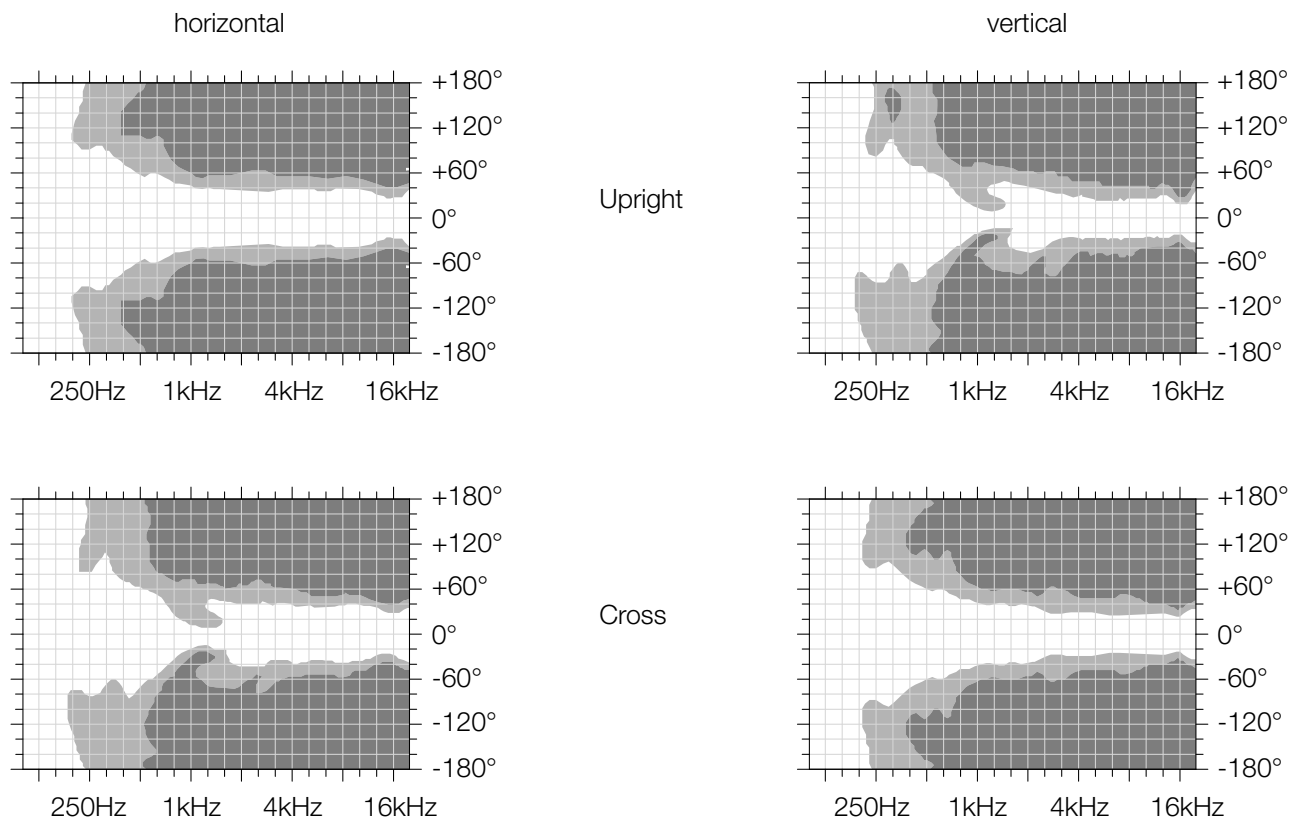
Frequency Response

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 15" 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 50Hz to 19000Hz.

Maximum peak SPL shall be 131dB. The long-term handling capacity shall be 800W program and 1600W 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 440mm (17.32in) in width, 706mm (27.8in) in height and 374mm (14.72in) in depth and the enclosure weight shall be 24.9kg (54.9lbs).

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 seven stacking rubber feet. The enclosure shall be connected via two parallel 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO M15.

References

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

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