



The T30i is a full range installation loudspeaker equipped with two 15" long excursion chassis for the low-mid range and a 1.4" compression driver placed in between for the mid-high range.

The user has the possibility of covering the entire frequency range with just one loudspeaker: Whether in multi-purpose venues, sports halls, churches, theatres or clubs as a power DJ monitor, wherever it is not possible or necessary to place an additional subwoofer but the importance is a natural, punchy, clear musical reproduction and outstanding speech intelligibility, that's where the T30i finds its place.

The mid-high range is reproduced from 700Hz with a newly developed compression driver which is coupled to a large-scale 90° × 50° constant directivity horn. This results in a precise and dynamic voice and musical reproduction at already low volume.

As the T30i is compatible with all TWAUDIO subwoofers, those can also be used for more sub bass.

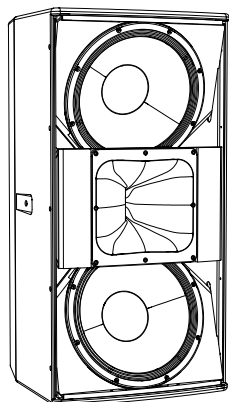
Key Features

- » Full range point source system usable from 34Hz without additional subwoofer
- » Two long excursion drivers with 4" coil and 2000W each
- » Large-scale 90 x 50 degree horn with constant directivity
- » Crossover design for optimised speech intelligibility and directivity
- » Coherent phase response with all TWAUDIO subwoofers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

Applications

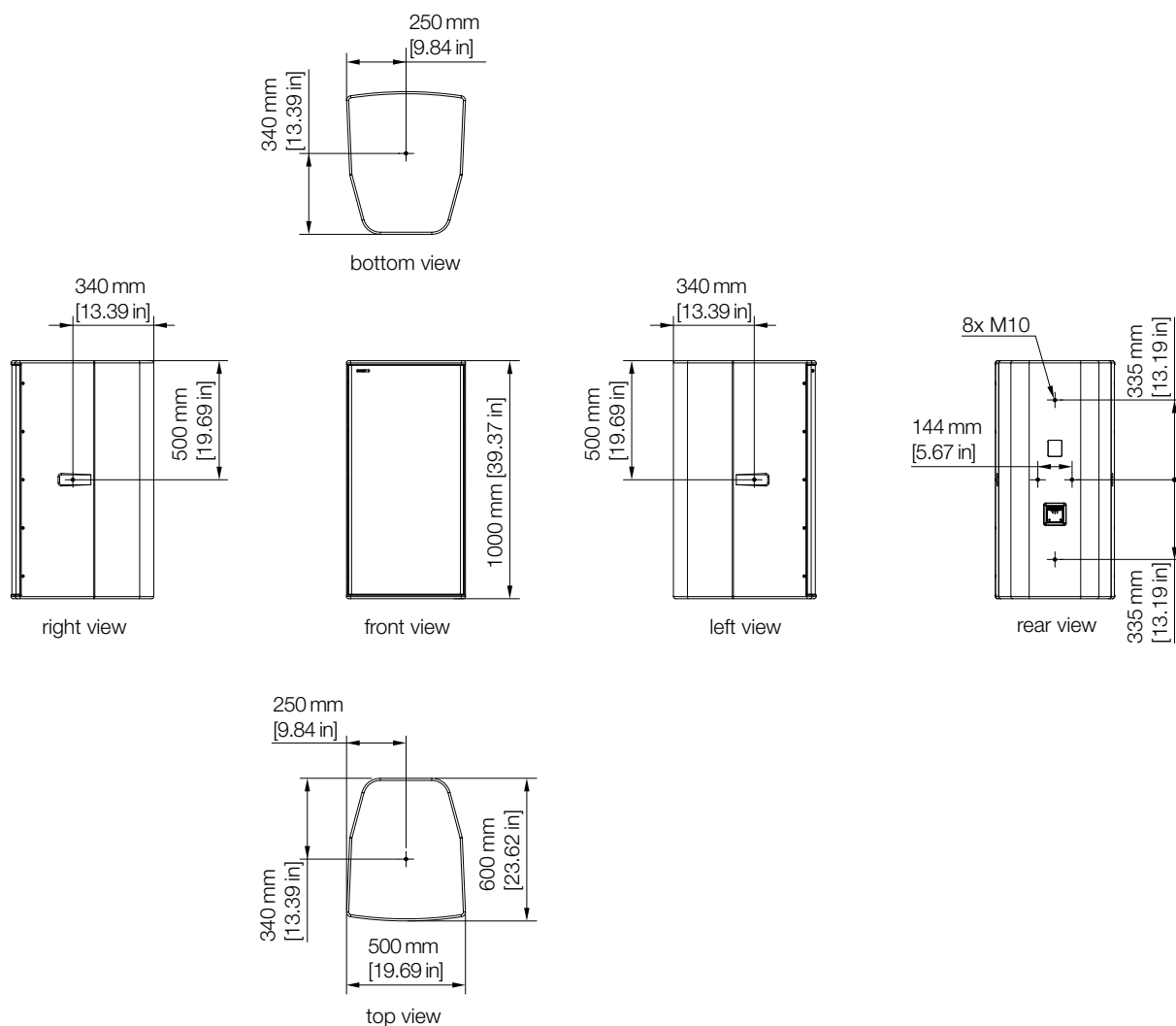
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts

Technical Data



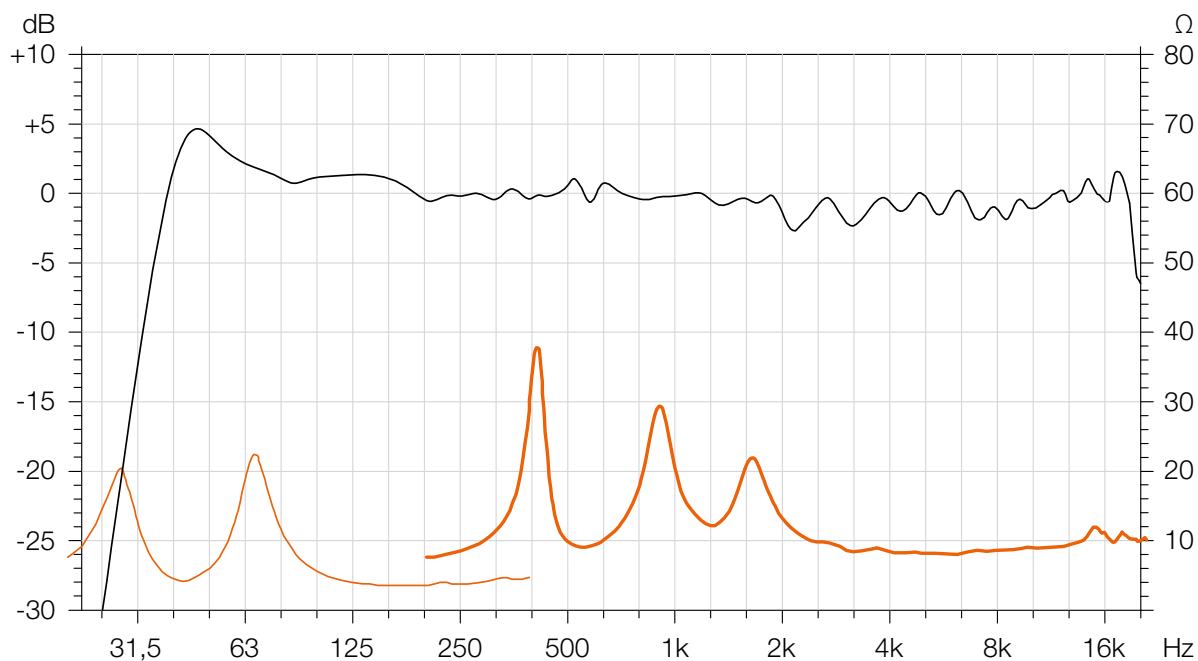
Drivers	2x 15" LF / 1x 1,4" HF
Frequency range	34 - 20000 Hz
Power capacity program/peak	4000/8000 W LF 160/320 W HF
Impedance	4 Ω LF 8 Ω HF
Coverage (h × v)	90° × 50° rotatable
Sensitivity 1 W / 1 m	103 dB LF 109 dB HF
SPLmax / 1 m	139 dB
Connection	screw terminal 2± LF 1± HF
Dimensions (H × W × D)	1000 × 500 × 600 mm 39.37 × 19.69 × 23.62 in
Weight	58.0 kg 127.9 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



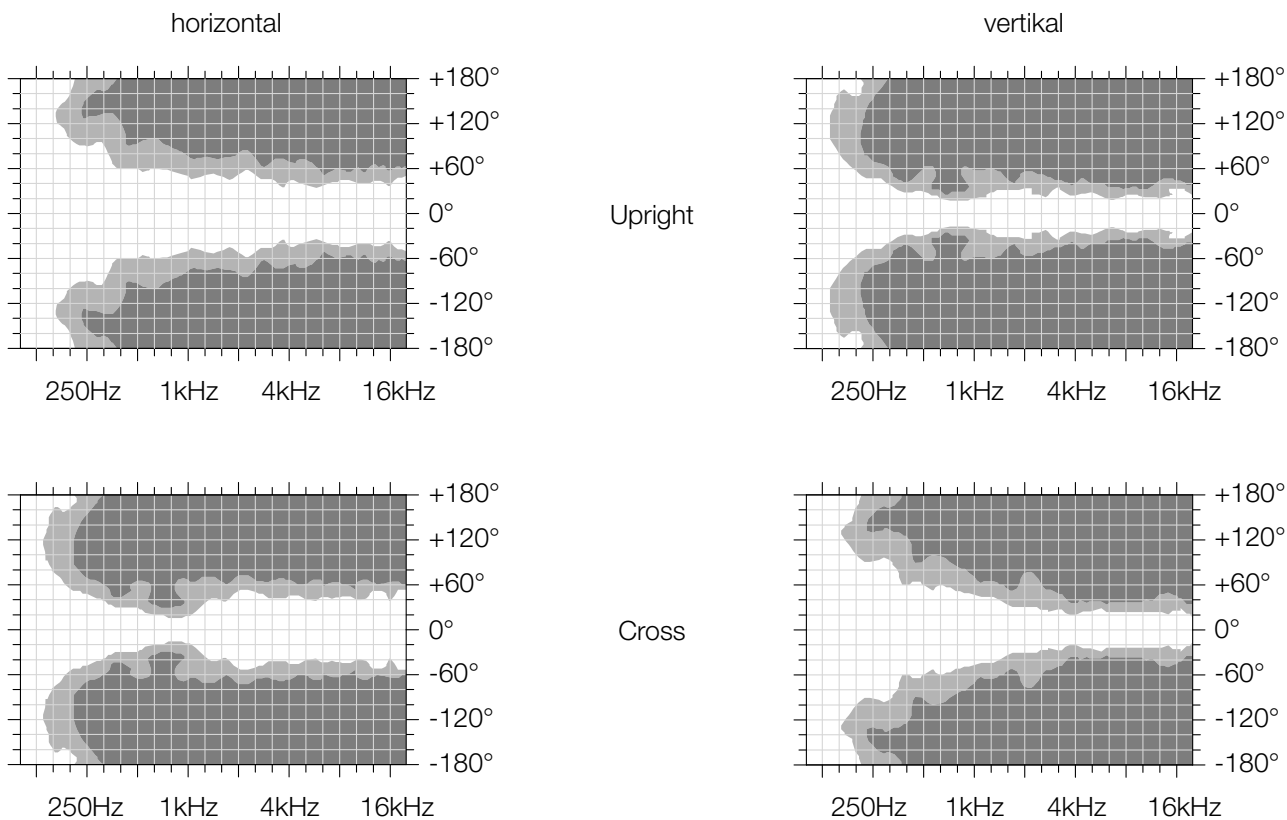
Frequency Response

FULL mode | IMPEDANCE LF / HF



Radiation Pattern

-6dB | -12dB



Architect Specifications

The loudspeaker shall consist of a full range point source enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be usable without additional subwoofer. The loudspeaker shall have a crossover design for optimised speech intelligibility and directivity. The loudspeaker shall have a large-scale rotatable horn, 90° x 50° or 50° x 90° with constant directivity.

The enclosure shall feature two 15" long excursion neodymium LF driver with one 4" coil. The loudspeaker shall have a large-scale rotatable horn, 90° x 50° or 50° x 90° with constant directivity.

The usable system bandwidth shall be 34Hz to 20000Hz.

Maximum peak SPL shall be 139dB. Term handling capacity shall be 160W pro 320W peak HF and 4000W program and 8000W peak LF. The nominal impedance of the loudspeaker shall be 8Ω HF and 4Ω LF.

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 500mm (19.69in) in width, 1000mm (39.37in) in height and 600mm (23.62in) in depth and the enclosure weight shall be 58kg (127.9lbs).

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

The loudspeaker shall be the TWAUDIO T30i.

References

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

Manufacturer:

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