



In many installations, subwoofer position is a choice between power or placement. With only 24 cm (9.5") of height, the B14i allows system designers to place this custom designed sub in a space the height of a typical 8" subwoofer, significantly increasing placement options without compromising output.

The B14i is compact enough to be placed under stages, furniture, in ceilings and behind curtains. It can also be deployed to provide directional arrays with very small frontal area. To achieve this, TWAUDIO placed a specifically developed 14" long excursion driver in a bandpass enclosure providing up to 6 dB more SPLmax compared to a traditional 2x 8" subwoofer of identical size with usable frequency response from 39-120Hz (-6 dB) depending on preset.

The B14i comes with i-series standard screw terminal connections at the rear with optional speakON® and cable gland available. Five recessed M10 threads allow multiple mounting options via brackets or steel wires.

The B14i allows system designers to place subwoofers for acoustic not just physical reasons...Yes, even under a sofa.

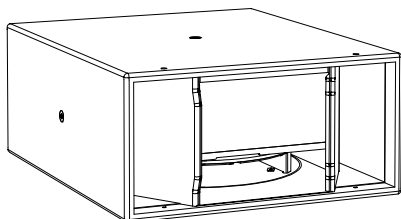
Key Features

- » Ultra compact low profile design with only 24 cm of height
- » Wall mounting via VESA standard mount
- » 14" long excursion chassis with 3.5" voice coil and 1400W program power
- » 6 dB more SPLmax compared to a traditional 2x 8" subwoofer
- » Equipped with i-series screw terminal; speakON® and cable gland optional
- » Coherent phase response with all TWAUDIO loudspeakers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

Applications

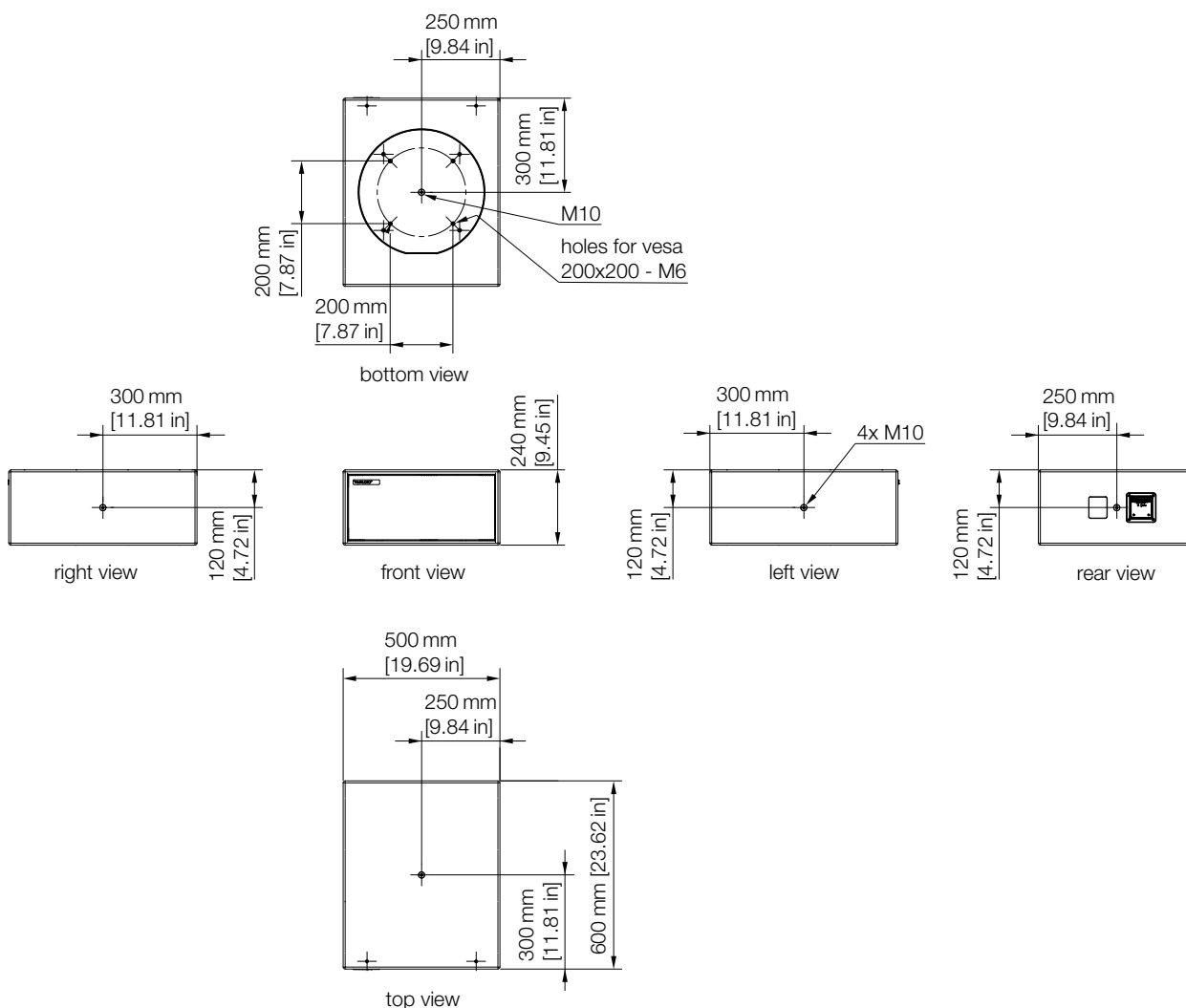
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts

Technical Data



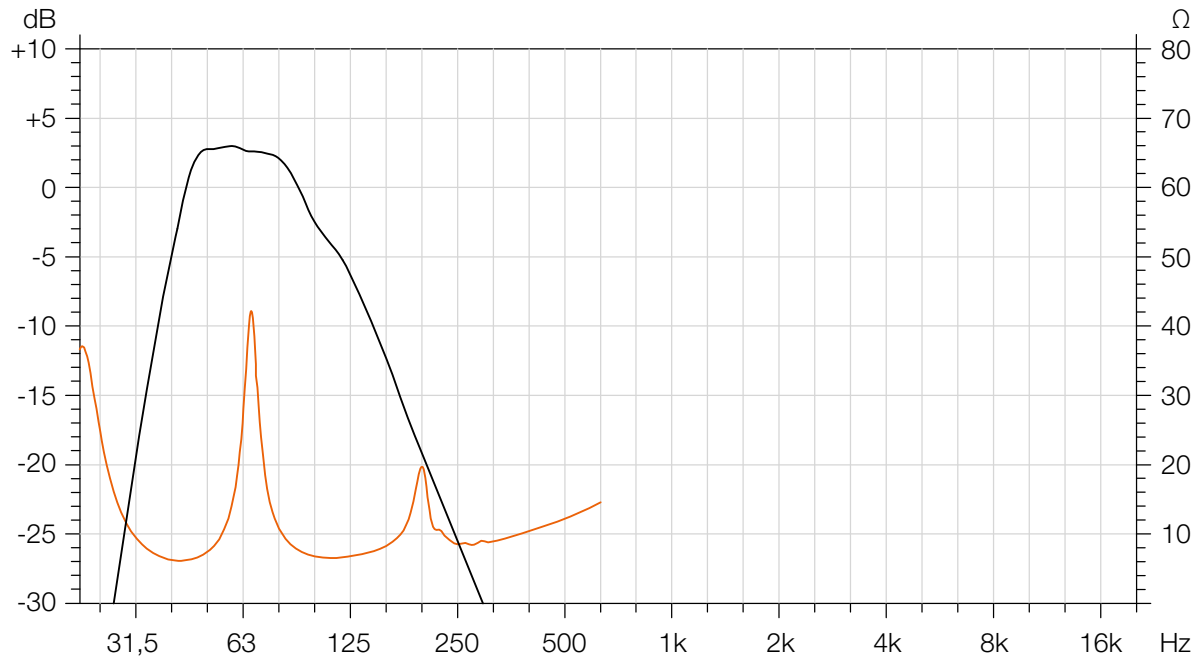
Drivers	1x 14" LF
Frequency range	39 - 120Hz
Power capacity program/peak	1400/2800W
Impedance	8 Ω
Sensitivity 1W/1 m	93 dB
SPLmax / 1 m	126 dB
Connection	screw terminal IN $\pm$ LINK $\pm$
Dimensions (H x W x D)	240 x 500 x 600 mm 9.45 x 19.69 x 23.62 in
Weight	20.4 kg 44.97 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



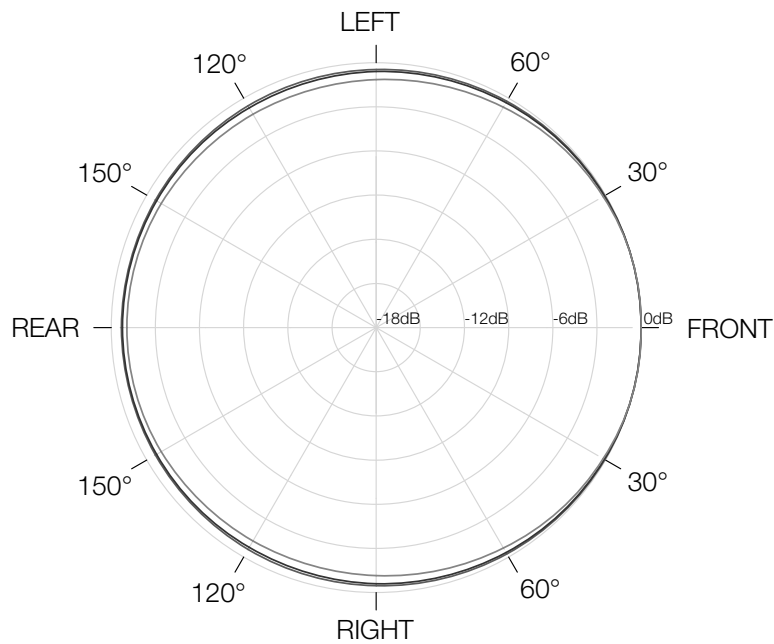
Frequency Response

Frequency response with preset | IMPEDANCE



Polar Pattern

40 Hz | 63 Hz | 100 Hz



Architect Specifications

The loudspeaker shall consist of a ultra compact low profile enclosure with only 24cm of height driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a single-channel omnidirectional subwoofer. The loudspeaker shall be mounted at wall via VESA standard mount. The enclosure shall be equipped with i-series screw terminal as standard; speakON® sockets and cable gland optional.

The enclosure shall feature one 14" long excursion neodymium LF transducer with 3,5" voice coil.

The usable system bandwidth shall be 39Hz to 120Hz.

Maximum peak SPL shall be 126dB. The long-term handling capacity shall be 1400W program and 2800W peak. The nominal impedance of the TW AUDIO INTERNATIONAL GmbH speaker shall be 8Ω.

Manufacturer:
TW AUDIO INTERNATIONAL GmbH
Osterholzallee 140-2
71636 Ludwigsburg (Germany)

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, 240mm (9.45in) in height and 600mm (23.62in) in depth and the enclosure weight shall be 20.4kg (45lbs).

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

The loudspeaker shall be the TWAUDIO B14i.

References

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

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