



The B14 is a very compact, slim and powerful subwoofer with a height of only 24.6 cm (9.7 in). A specifically developed 14" high excursion driver is housed in a bandpass enclosure design with a frequency response from 39 to 120 Hz.

The small enclosure makes the B14 perfectly suitable for placement under low stages, amongst furniture, in ceilings and behind curtains. Compared to a traditional 2x 8" subwoofer of similar size, the B14 can reproduce up to 6 dB more SPL.

With the recessed M20 thread the B14 can be also used as a base plate for a distance pole.

Two handles at the back of the B14 allow easy handling and transport.

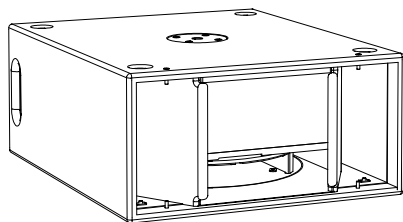
Key Features

- » Ultra compact low profile design with only 24.6 cm of height
- » Two integrated handles
- » Wall mounting via VESA standard mount
- » 14" long excursion chassis with 3.5" voice coil and 1400 W program power
- » 6 dB more SPL_{max} compared to a traditional 2x 8" subwoofer
- » Coherent phase response with all TWAUDIÖ loudspeakers
- » Operation with dedicated TWAUDIÖ 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× 14" LF

Frequency range

39 - 120Hz

Power capacity program/peak

1400/2800W

Impedance

8Ω

Sensitivity 1W/1m

93dB

SPLmax / 1m

126dB

Connection

speakON® NL4 2±

Dimensions (H × W × D)

246 × 500 × 600 mm |

9.69 × 19.69 × 23.62 in

Weight

21.8 kg | 48.06 lbs

Finish

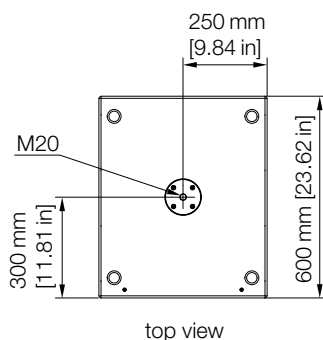
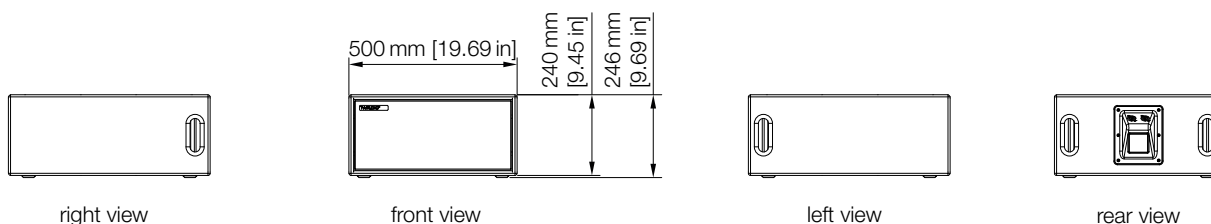
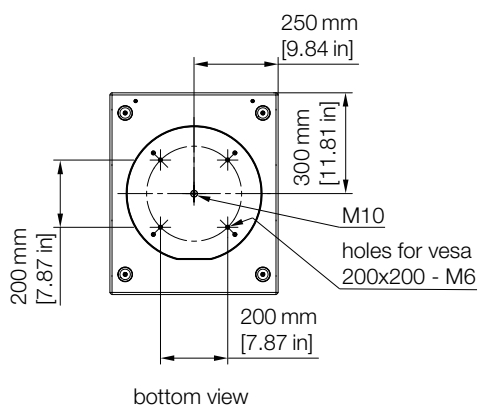
Warnex textured paint

(RAL colors optional)

Accessories

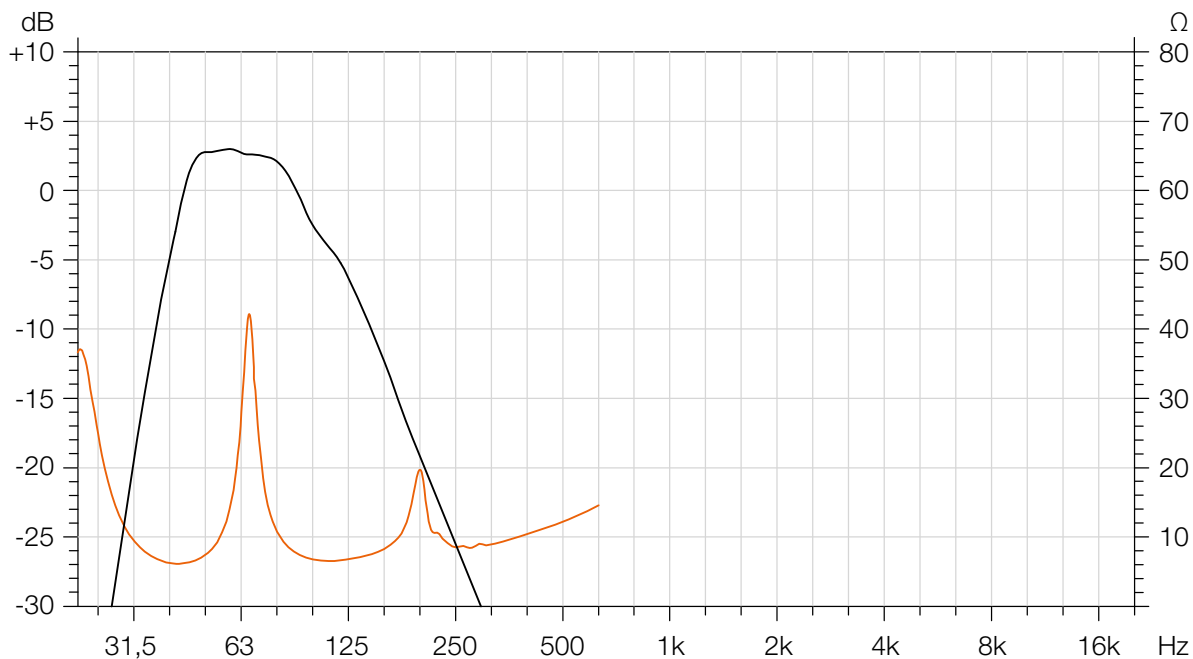
see twaudio.com

Technical Drawing



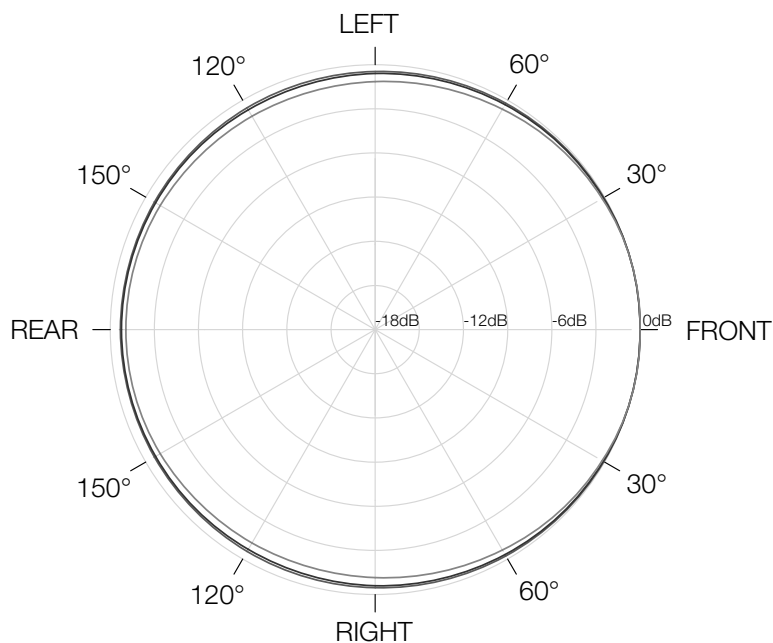
Frequency Response

FULL mode | IMPEDANCE



Polar Pattern

40 Hz | 63 Hz | 100 Hz



Architect Specifications

The loudspeaker shall consist of a 2-chamber band-pass enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a single-channel omnidirectional subwoofer.

The enclosure shall feature one 14" long excursion neodymium LF transducer.

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 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. The dimensions shall be 500mm (19.69in) 246mm (9.69in) in height and 600mm (23.62in) depth and the enclosure weight shall be 21.8kg (48lbs).

The enclosure shall feature two integrated ergonomic handles, eight stacking rubber feet and a M20 pole mount to adopt a distance rod when used with a top loudspeaker. The enclosure shall be connected via two parallel 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO B14.

References

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

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