



A milestone TWAUDIO development, the B18 is the result of countless customer requests for a subwoofer of this quality and flexibility. Combining tight control with a remarkably deep and distinctive rumble, the B18 features a symmetrical band pass design that delivers a consistent performance regardless whether vertical or horizontal, stacked vertically or side by side.

This includes the creation of directional sub arrays with partly reversed subwoofers. Facilitating the easy and inconspicuous wiring of directional bass clusters, the B18 even offers two speakON® connectors on its front grille.

Key Features

- » Symmetrical band pass design
- » Tight control down to 32 Hz
- » Eight handles
- » M20 pole mount flange for distance rods
- » Two SpeakON® sockets integrated in the front grille
- » Coherent phase response with all TWAUDIO loudspeakers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

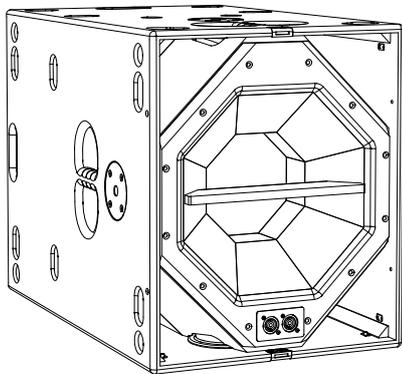
Applications

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

B18

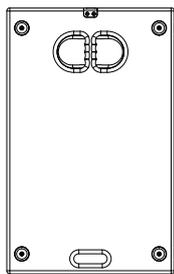
DATASHEET

Technical Data

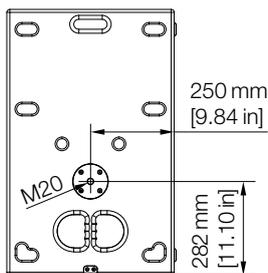
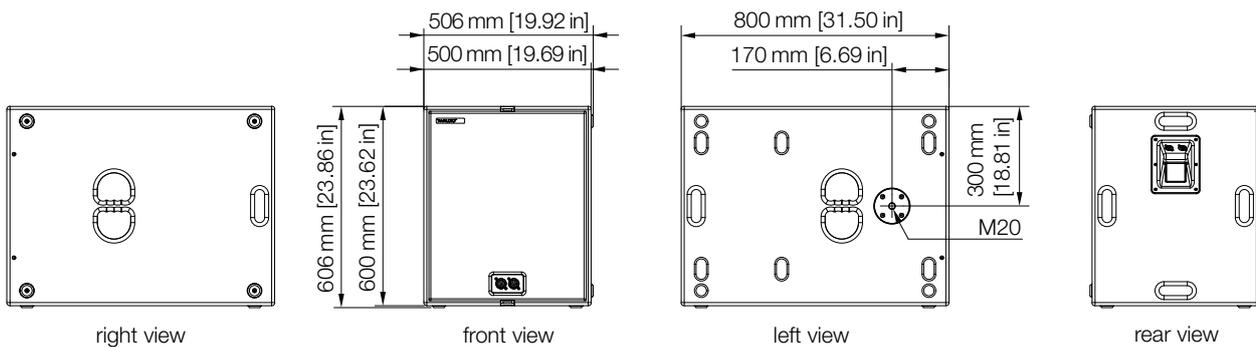


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|-----------------------------|---|
| Drivers | 1× 18" LF |
| Frequency range | 32 - 160Hz |
| Power capacity program/peak | 2400/4800W |
| Impedance | 8Ω |
| Sensitivity 1W/1 m | 96 dB |
| SPLmax / 1 m | 132 dB |
| Connection | speakON® NL4 2± rear NL4 1± front |
| Dimensions (H × W × D) | 606 × 506 × 800 mm 23.86 × 19.92 × 31.5 in |
| Weight | 42,6 kg 93.9 lbs |
| Finish | Warnex textured paint (RAL colors optional) |
| Accessories | see twaudio.com |

Technical Drawing



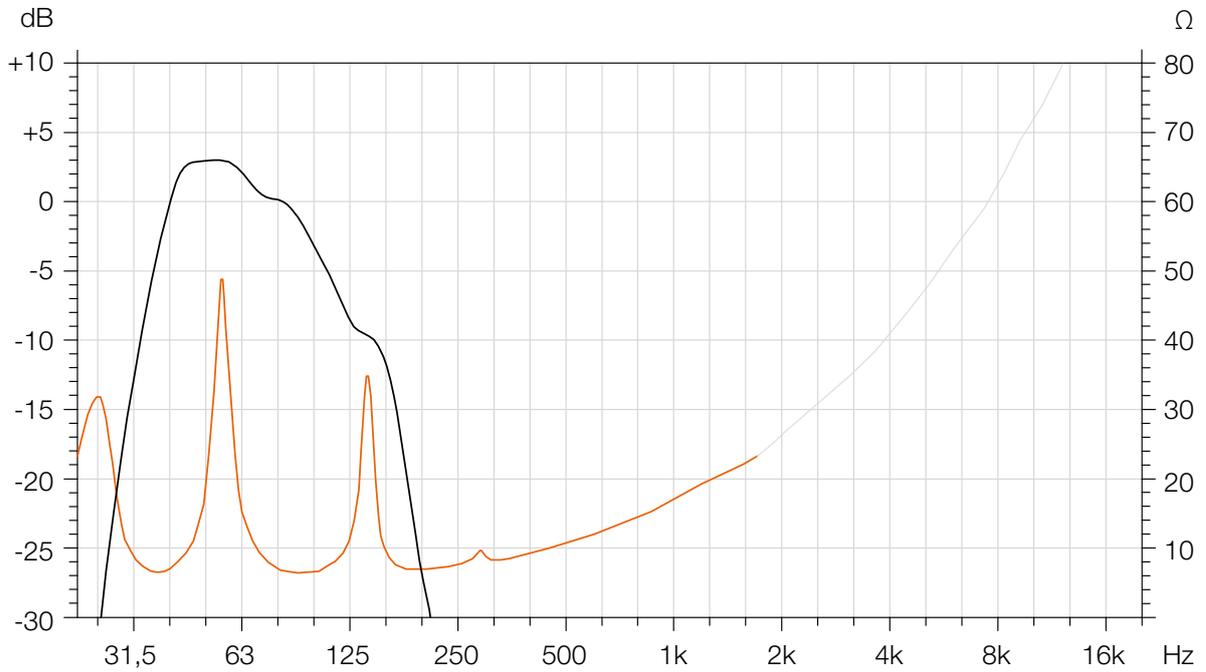
bottom view



top view

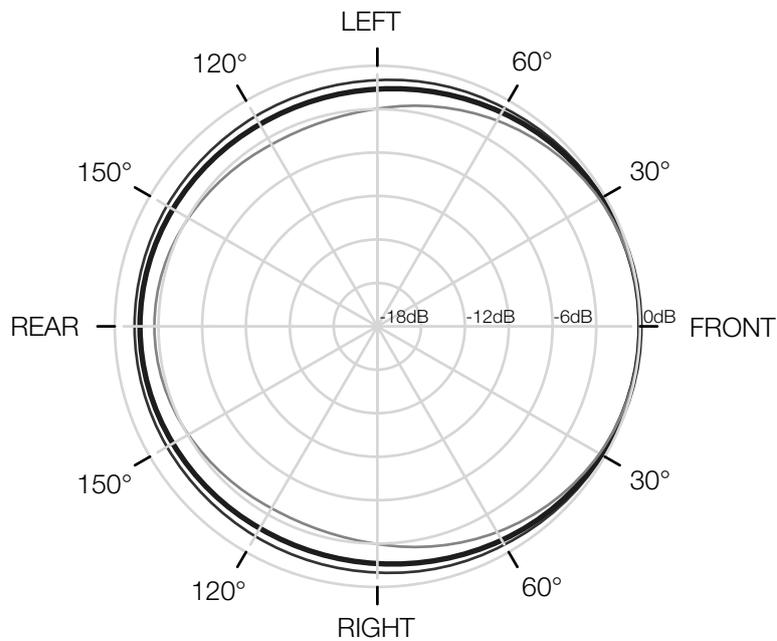
Frequency Response

FULL mode | IMPEDANCE



Polar Pattern

40Hz | 63Hz | 100Hz



Architect Specifications

The loudspeaker shall consist of a symmetrical band-pass enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a single-channel omnidirectional subwoofer. The loudspeaker shall have a tight control down to 32 Hz. The loudspeaker shall have two speakON® sockets integrated in the front grille. The loudspeaker shall have two M20 pole mount flanges for distance rods.

The enclosure shall feature one 18" long excursion neodymium LF transducer.

The usable system bandwidth shall be 32 Hz to 160 Hz.

Maximum peak SPL shall be 132 dB. The long-term handling capacity shall be 2400 W program and 4800 W peak. The nominal impedance of the loudspeaker shall be 8 Ω.

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 506 mm (19.92 in) in width, 606 mm (23.86 in) in height and 800 mm (31.5 in) in depth and the enclosure weight shall be 42.6 kg (94 lbs).

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

The loudspeaker shall be the TWAUDIO B18.

References

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

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