



The sudden impact of rich, deep, precisely defined sound - this is how bass should be experienced. Don't be deceived by the compact size of the B10 - the smallest TWAUDI[®]O subwoofer still bears the power for which the B-series is known. Inside the enclosure is a specially developed long excursion cone driver with an uncompromising 3" dual voice coil, plus an optional passive crossover complete with switchable high-pass outputs,

covering countless passive configurations all within the standard bi-amp mode. These include one single B10 in stereo mode together with two C5 tops; two B10 switched to mono, each with one M8; or four B10 together with two M10, all of which can be powered by one standard amplifier.

Key Features

- » Long excursion cone driver with an uncompromising 3" dual voice coil
- » M20 pole mount flange for distance rods
- » Compact and lightweight
- » Coherent phase response with all TWAUDI[®]O loudspeakers
- » Operation with dedicated TWAUDI[®]O presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

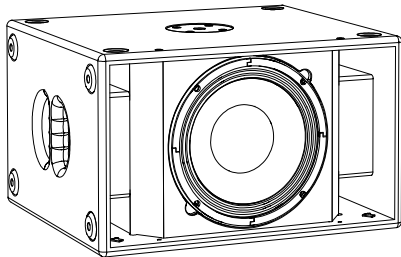
Applications

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

B10

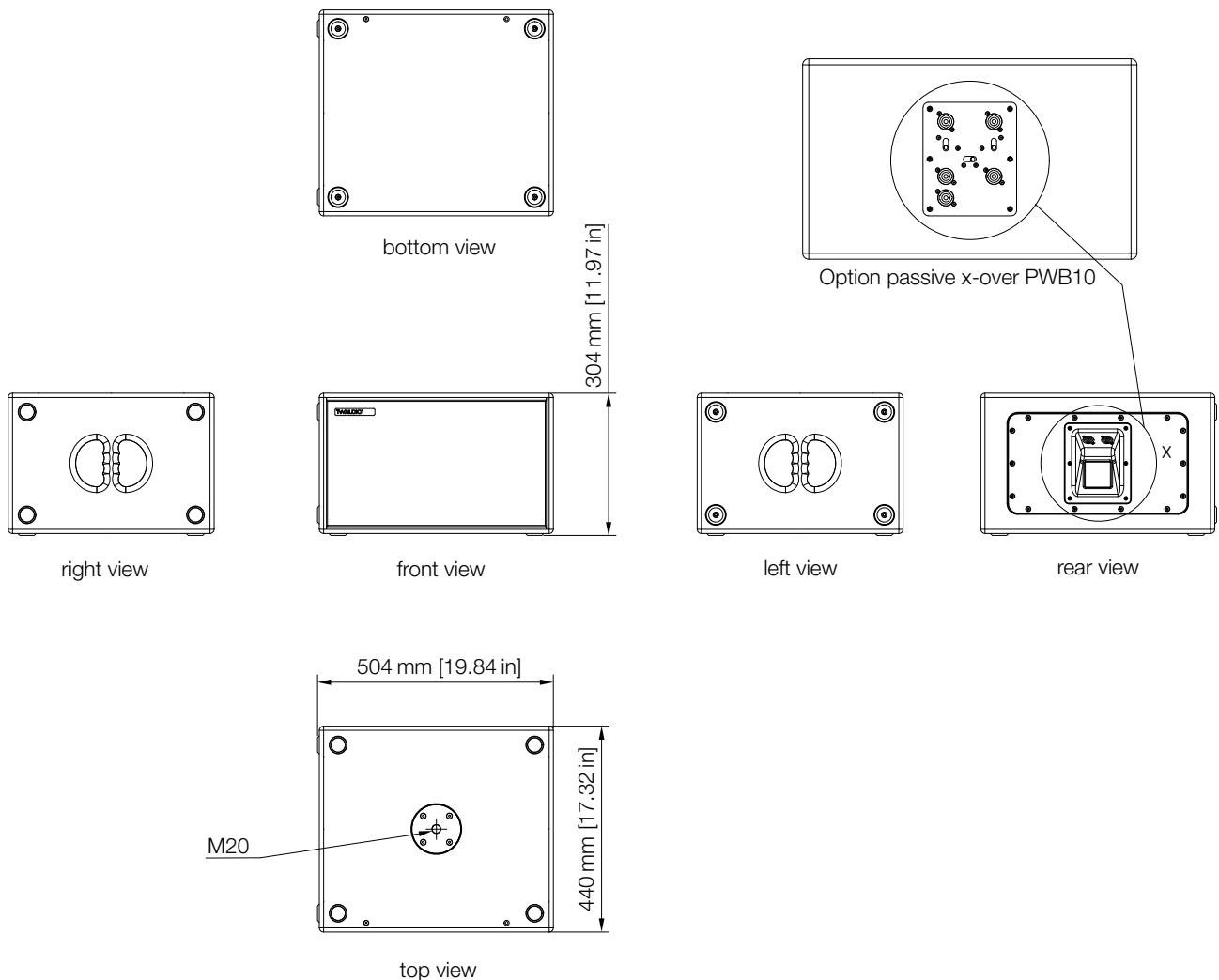
DATASHEET

Technical Data



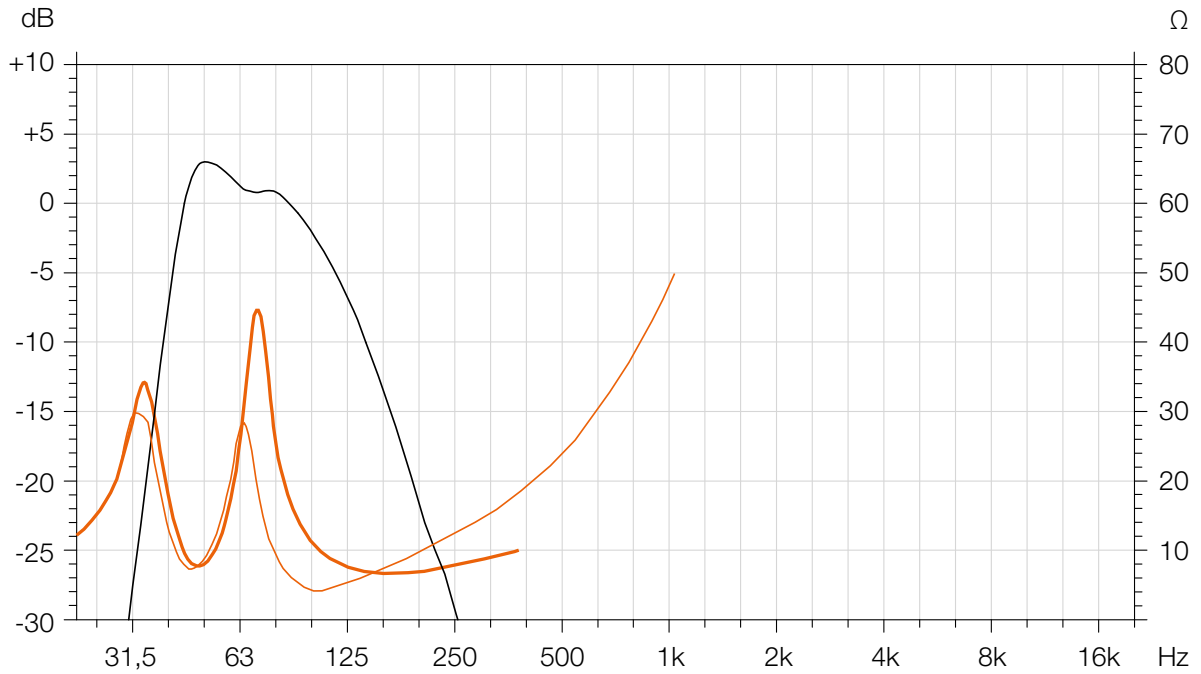
Drivers	1x 10" LF
Frequency range	B10A: 40 - 400Hz B10P: 40 - 200Hz
Power capacity program/peak	700/1400W
Impedance	B10A: 8Ω (optional 2x 16Ω) B10P: 1x 6Ω / 2x 12Ω switchable
Sensitivity 1W/1 m	91 dB
SPLmax / 1 m	123 dB
Connection	B10A: speakON® NL4 2± B10P: speakON® NL4 1±
Dimensions (H x W x D)	304 x 504 x 440 mm 11.97 x 19.84 x 17.32 in
Weight	B10A: 16,1 kg / 35.49lbs B10P: 20,1 kg / 44.31 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



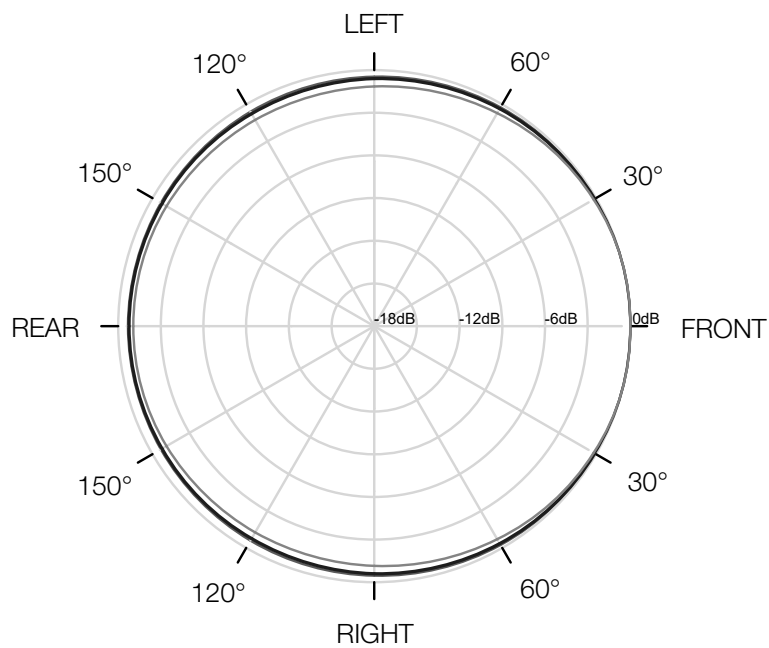
Frequency Response

FULL mode | IMPEDANCE active / passive



Polar Pattern

40Hz | 63Hz | 100Hz



Architect Specifications

The loudspeaker shall consist of a compact and lightweight enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a omnidirectional subwoofer with and without internal passive crossover. The loudspeaker shall available in an active and passive variant. The loudspeaker shall have a optional passive crossover PWB10 with switchable high-pass outputs, bi-amp and passive mode. The loudspeaker shall have a M20 pole mount flange for distance rod.

The enclosure shall feature one 10" long excursion neodymium LF transducer with an uncompromising 3" dual voice coil.

The usable system bandwidth shall be 40Hz to 400Hz.

Maximum peak SPL shall be 123dB. The long-term handling capacity shall be 700W program and 1400W peak. The nominal impedance of the loudspeaker shall be at active variant: 8Ω (optional $2 \times 16\Omega$), at passive variant: $2 \times 12\Omega$ or $1 \times 6\Omega$ switchable.

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 504mm (19.84in) in width, 304mm (11.97in) in height and 440mm (17.32in) in depth and the enclosure weight shall be 16.1kg (35.5lbs) and in passive variant with passive x-over 20.1kg (44lbs).

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 in active variant via two parallel 4-pole speakON® sockets and in passive variant via five 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO B10.

References

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

Manufacturer:
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