



The B30 touring version set a standard in footprint to output ratio to this day. The logical consequence is to integrate this loudspeaker also as an install version in the TWAUDIÖ range.

The hybrid construction of our B30i with 2x 15" speakers combines the advantages of bass reflex and horn systems – high efficiency, great range and a deep low frequency limit.

The connection to the acoustic field happens over the entire front area thus reducing air friction and flow losses to a minimum. The result is efficient energy transfer with simultaneous controlled impulse reproduction and excellent dynamics.

And at about 36 kg (80 lbs) the B30i is a lightweight. The relation of its size, weight and output turns this TWAUDIÖ classic into something special.

Key Features

- » Horn-loaded bass reflex hybrid design
- » 2x 15" long excursion chassis with high sensitivity
- » High SPL output over wide frequency bandwidth in lightweight enclosure
- » Outstanding footprint to output ratio
- » Equipped with i-series screw terminal; speakON® and cable gland optional
- » Coherent phase response with all TWAUDIÖ loudspeakers
- » Operation with dedicated TWAUDIÖ presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

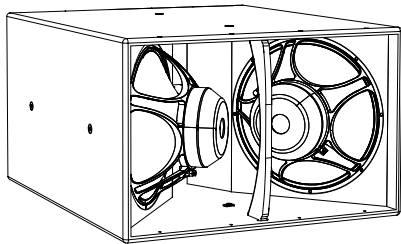
Applications

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

B30i

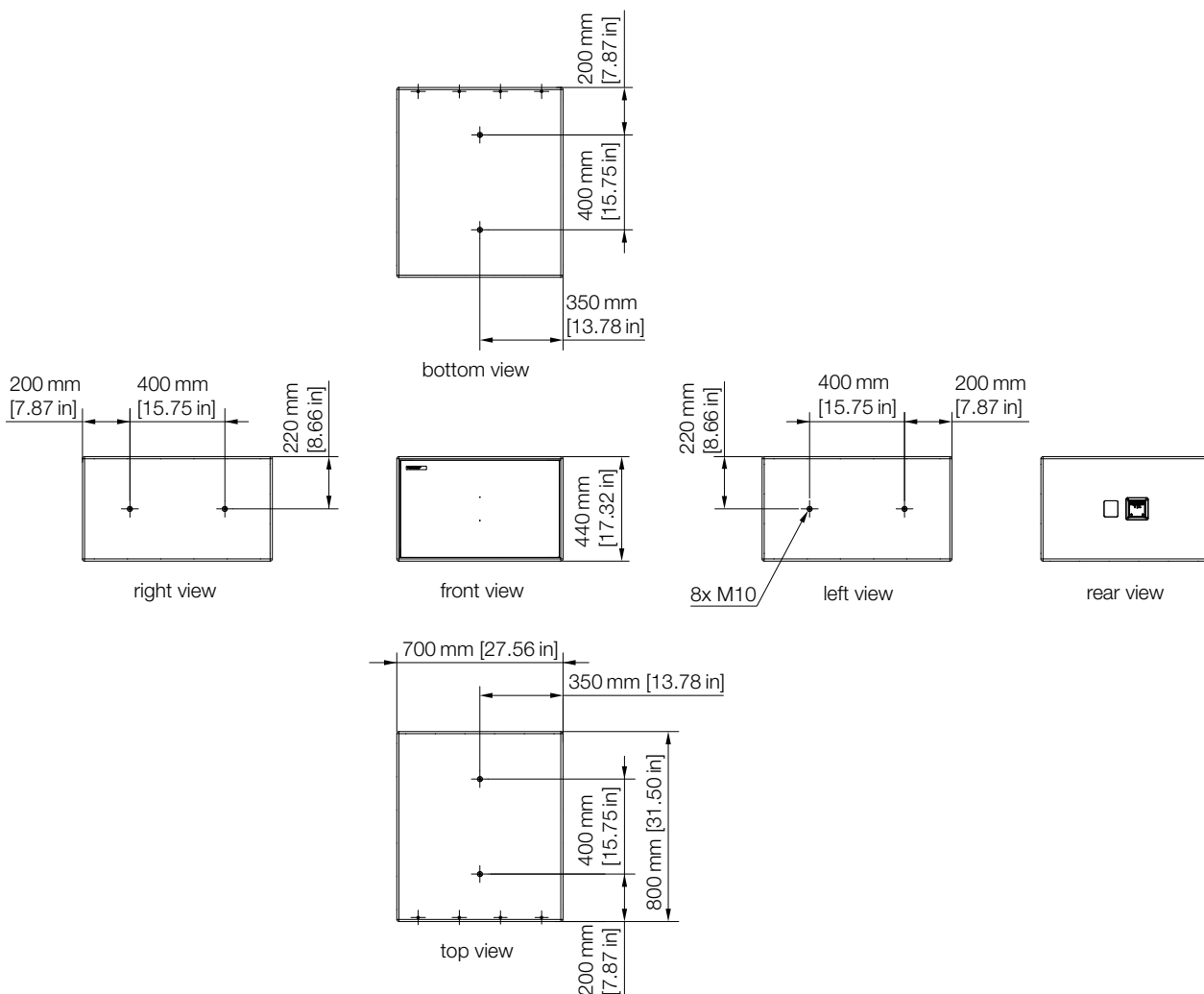
DATASHEET

Technical Data



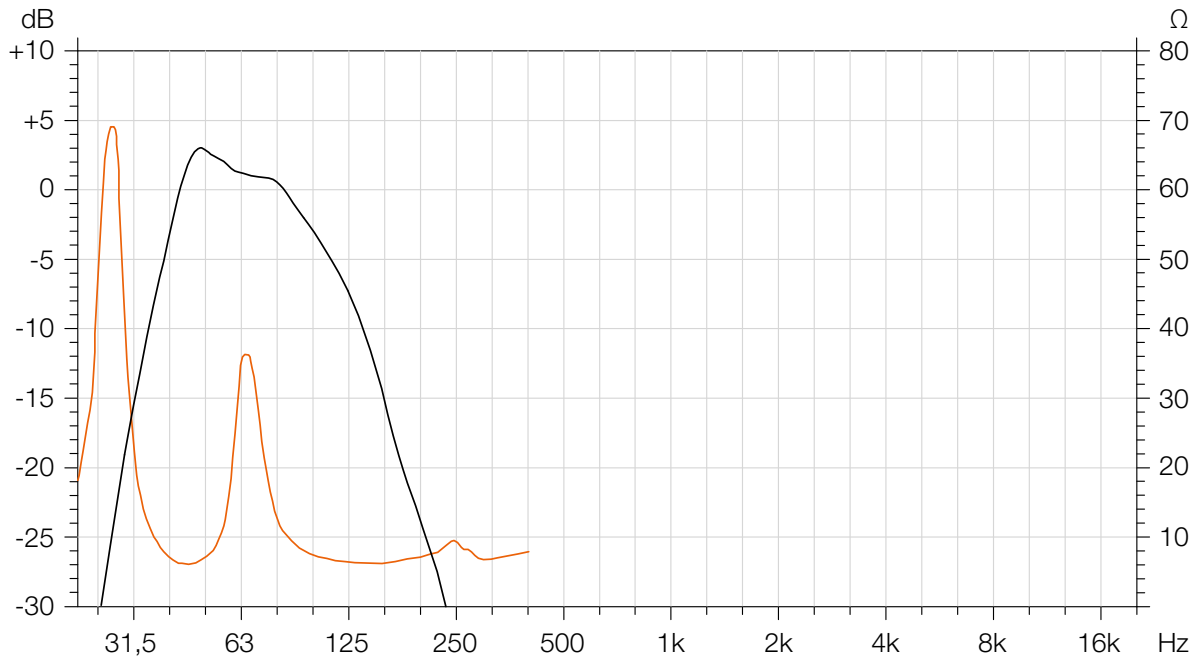
Drivers	2× 15" LF
Frequency range	35 - 200Hz
Power capacity program/peak	2000/4000W
Impedance	8Ω
Sensitivity 1W/1 m	97 dB
SPLmax / 1 m	133 dB
Connection	screw terminal IN± LINK±
Dimensions (H × W × D)	440 × 700 × 800 mm 17.32 × 27.56 × 31.50 in
Weight	36.3 kg 80 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



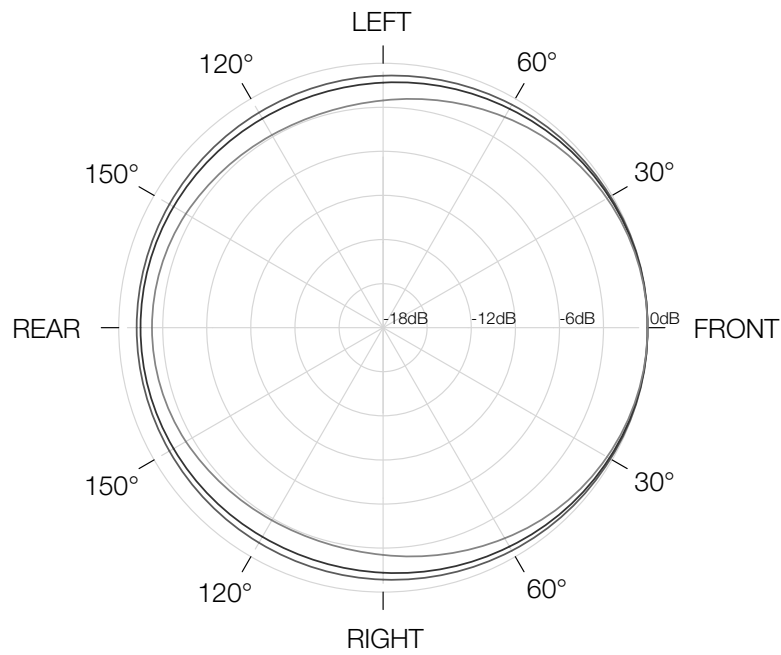
Frequency Response

FULL mode | IMPEDANCE



Polar Pattern

40Hz | 63Hz | 100Hz



Architect Specifications

The loudspeaker shall consist of a horn-loaded bass reflex hybrid enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a single-channel omnidirectional subwoofer. The loudspeaker shall have a high SPL output over wide frequency bandwidth in a lightweight enclosure. The loudspeaker shall have a outstanding footprint to output ratio. The enclosure shall be equipped with i-series screw terminal as standard; speakON® sockets and cable gland optional.

The enclosure shall feature two 15" long excursion neodymium LF transducer with high sensitivity.

The usable system bandwidth shall be 35 Hz to 200 Hz.

Maximum peak SPL shall be 133 dB. The long-term handling capacity shall be 2000 W program and 4000 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 with flame retardant and hydrophobic, black fabric to the rear. The dimensions shall be 700 mm (27.56 in) in width, 440 mm (17.32 in) in height and 800 mm (31.50 in) in depth and the enclosure weight shall be 36.3 kg (81 lbs).

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

The loudspeaker shall be the TWAUDIO B30i.

References

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

Manufacturer:
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