



Housing two 15" woofers within an innovative enclosure, the B30 boasts a hybrid construction that brings together the advantages of bass reflex and horn loaded subwoofer design - high efficiency, a superb range and the ability to reach extraordinarily low frequencies. The unique design engages the subwoofer's entire front baffle to enhance the acoustic field while reducing friction and minimising losses.

The result is an impressively efficient signal to noise ratio, faithful low-end reproduction and excellent dynamic coverage. Weighing in at under 39kg (86lbs), the relationship of the B30's size, weight and output ensures that this TWAUDIO classic remains something truly special.

The B30 is also available in a flyable version, better known as VERA S30.

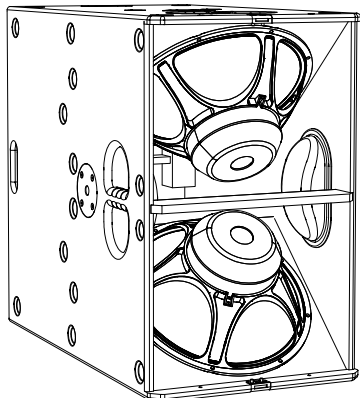
Key Features

- » Horn-loaded bass reflex hybrid design
- » 2x 15" long excursion chassis with high sensitivity
- » High SPL output over wide frequency bandwidth
- » Outstanding footprint to output ratio
- » Lightweight enclosure: 38,7 kg/85 lbs with eight handles
- » 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

Technical Data



Drivers

Frequency range

Power capacity program/peak

Impedance

Sensitivity 1 W/1 m

SPLmax / 1 m

Connection

Dimensions (H x W x D)

Weight

Finish

Accessories

2x 15" LF

35 - 200Hz

2000/4000W

8 Ω

97 dB

133 dB

speakON® NL4 2±

706 x 446 x 800 mm |

27.8 x 17.56 x 31.50 in

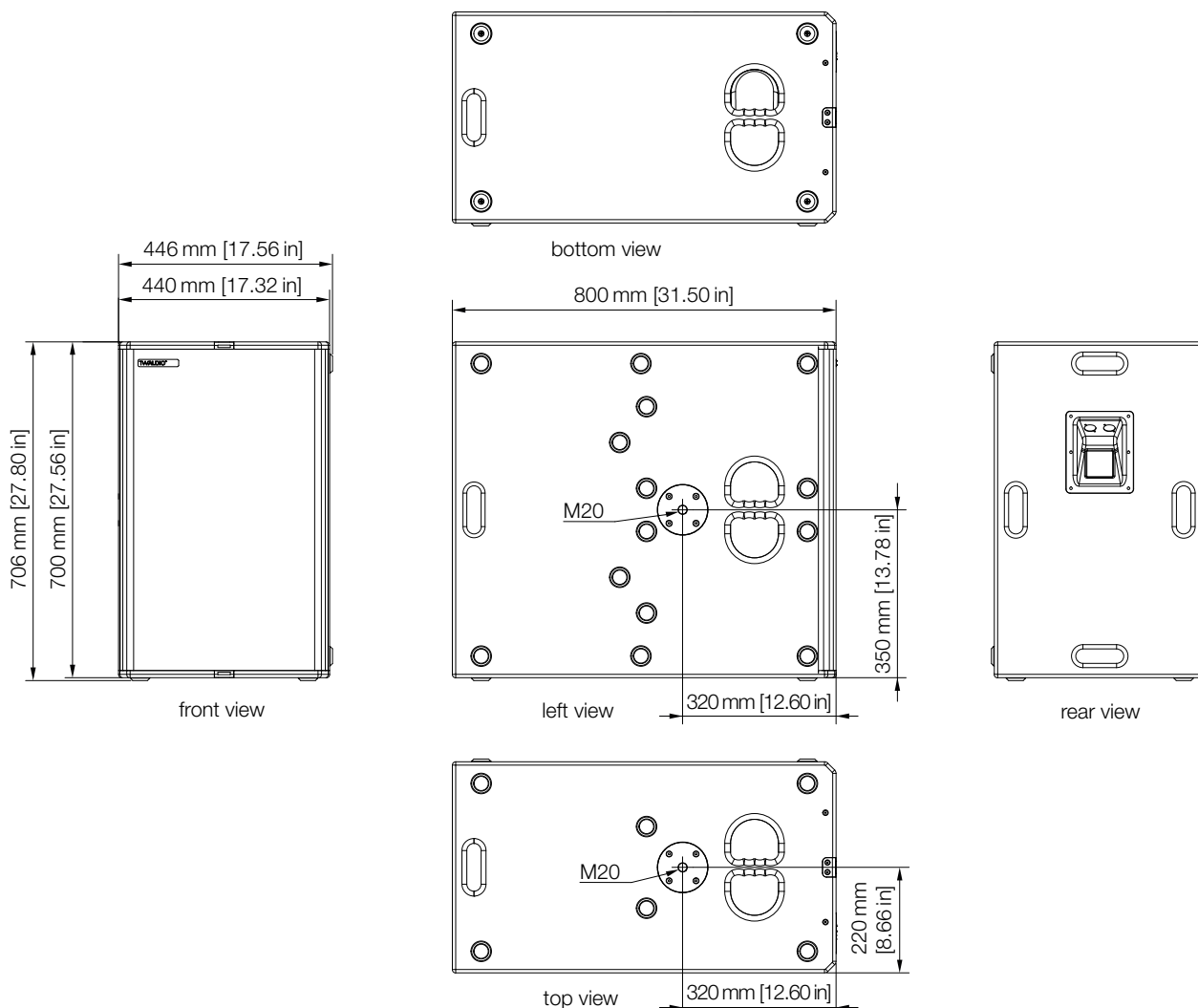
38.7 kg | 85.3 lbs

Warnex textured paint

(RAL colors optional)

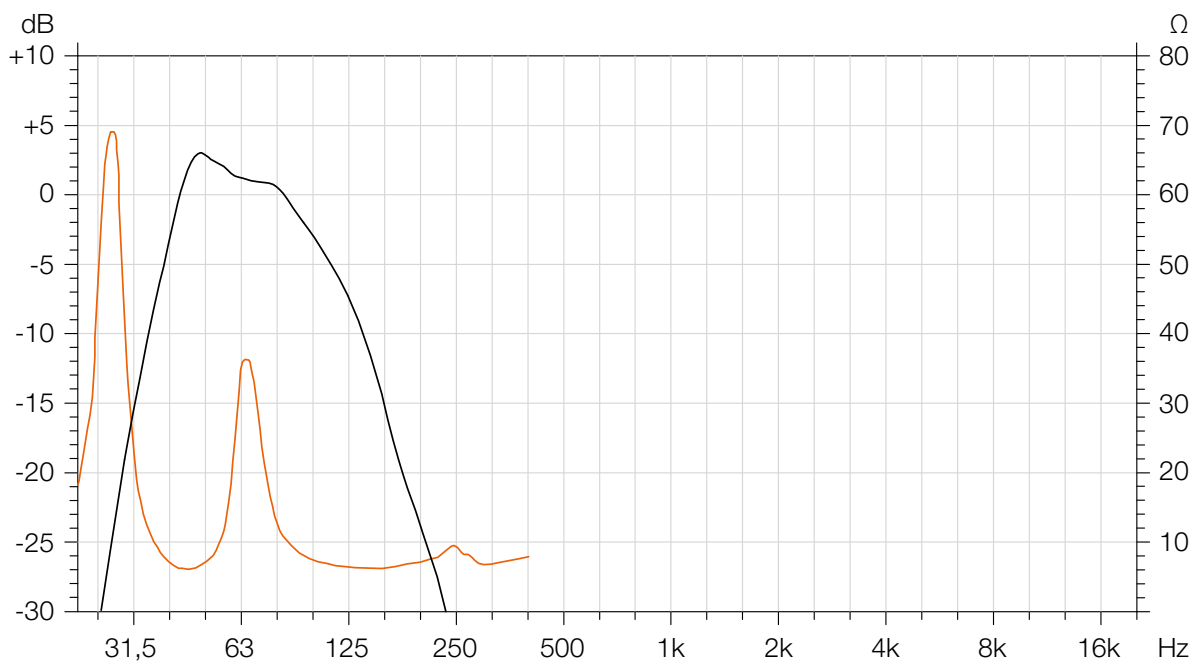
see twaudio.com

Technical Drawing



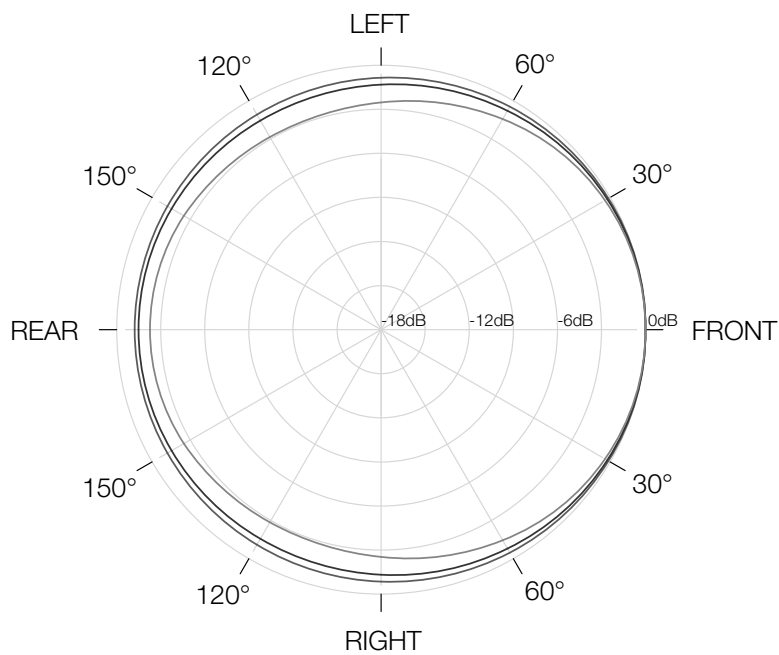
Frequency Response

FULL mode | IMPEDANCE



Polar Pattern

40Hz | 63Hz | 100Hz



Architect Specifications

The loudspeaker shall be a hybrid horn-vented port design enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a single-channel omnidirectional subwoofer.

The enclosure shall feature two 15" long excursion neodymium LF transducers.

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

Maximum peak SPL shall be 133dB. The long-term handling capacity shall be 2000W program and 4000W 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 fabric. The dimensions shall be 446mm (17.56in) in width, 706mm (27.80in) in height and 800mm (31.50in) in depth and the enclosure weight shall be 38.7kg (85lbs).

The enclosure shall feature four integrated ergonomic handles and four carrying handles, eight stacking rubber feet and two 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 B30.

References

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

Manufacturer:
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