



As the installation version of the B12, the B12i is the ideal choice for the ELLA-system in a wide range of applications. It also pairs perfectly with other top units, such as the M8i and M10i, and enhances the setup with a powerful subwoofer.

Housed in its highly compact enclosure is a newly designed chassis that combines extreme performance with remarkably lightweight construction. The B12i weighs just 18.5kg, yet acoustically, it is anything but lightweight. As a direct radiator with a bass-reflex design and airflow-optimized symmetrical ports, it delivers dynamic and precise bass response – ideal for demanding and versatile applications.

For flown applications, two brackets are available: one for mounting a single B12i and another for two B12i units in a vertical arrangement. The symmetrical design of the enclosure ensures that the speakers and ports are perfectly aligned, providing uniform and consistent sound dispersion.

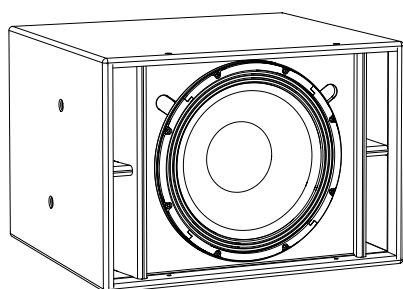
Key Features

- » Minimal footprint, maximum performance
- » At just 18.5kg, it is ideal for flown applications with minimal weight burden
- » Direct radiator with bass-reflex design and airflow-optimized symmetrical ports
- » Coherent phase response with all TWAUDIÖ loudspeakers
- » Operation with dedicated TWAUDIÖ presets on Powersoft or Dynacord TGX and IPX amplifiers

Applications

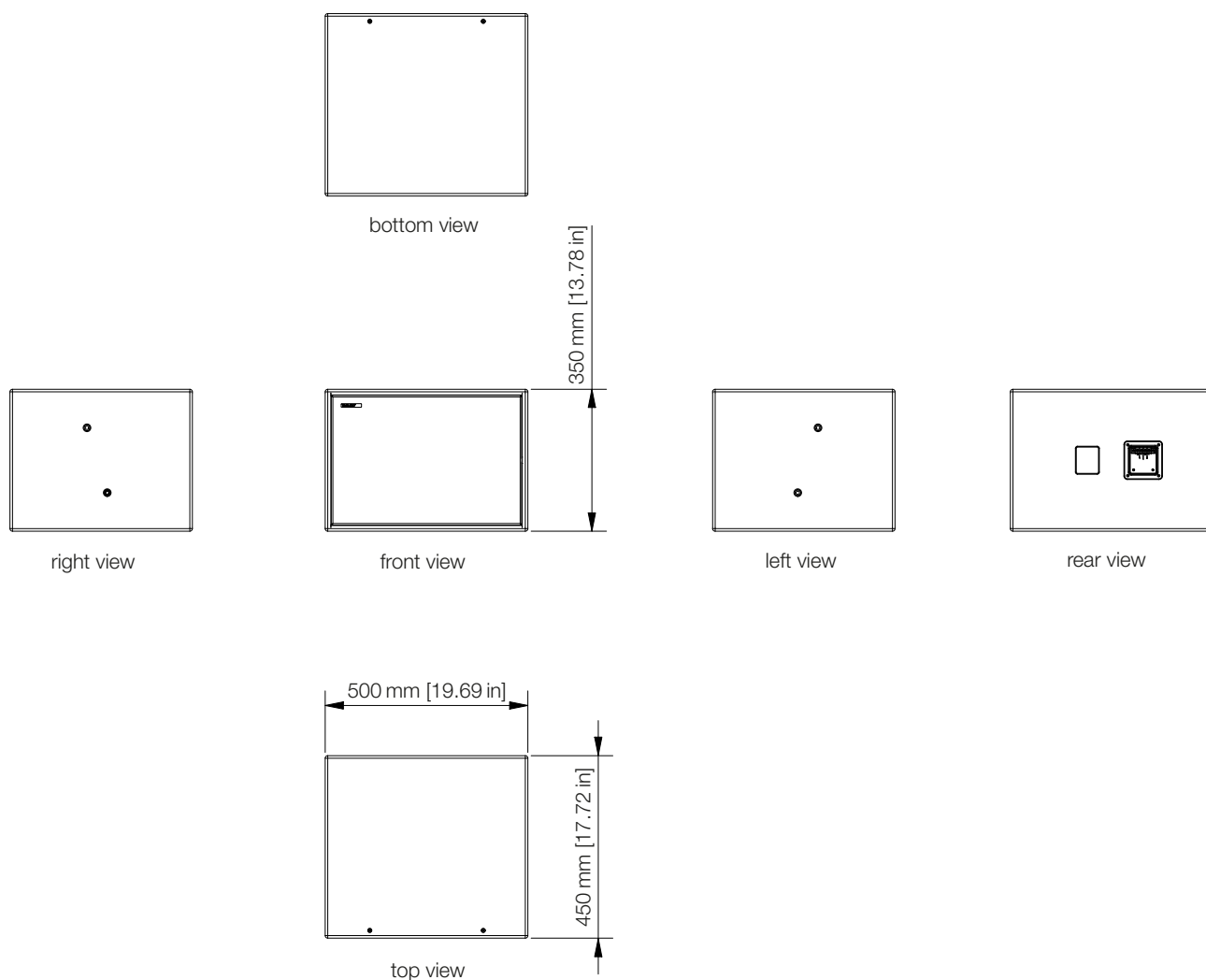
- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts and touring

Technical Data



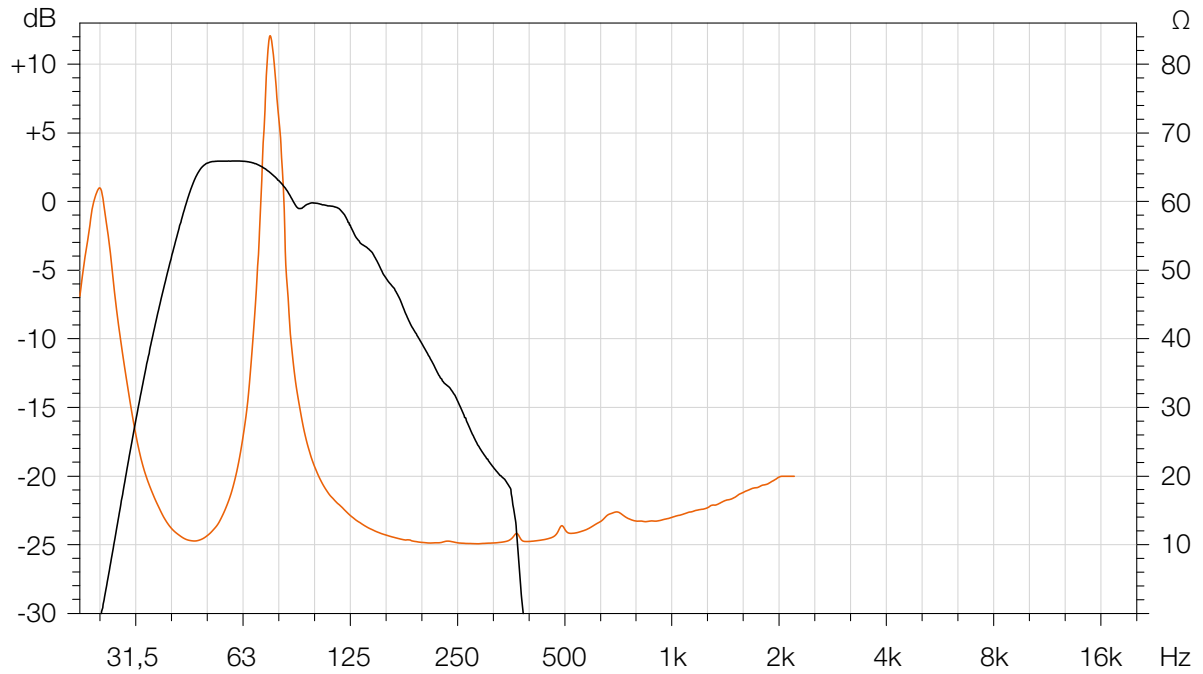
Drivers	1× 12" LF
Frequency range	37 - 170 Hz
Power capacity program/peak	1500/3000 W
Impedance	12 Ω
Sensitivity 1 W/1 m	94 dB
SPLmax / 1 m	129 dB
Connection	screw terminal IN± LINK±
Dimensions (H × W × D)	350 × 500 × 450 mm 13.78 × 19.69 × 17.72 in
Weight	18.5 kg / 40.79 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

Technical Drawing



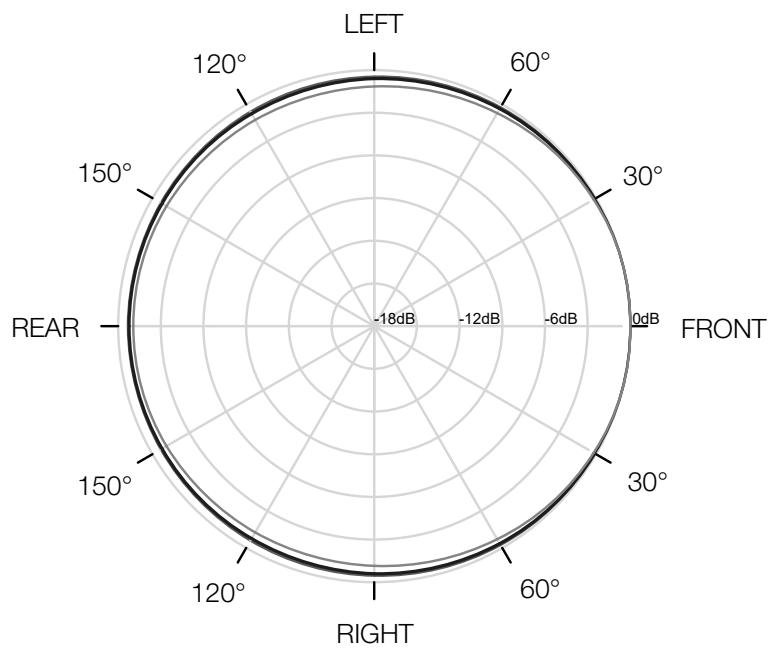
Frequency Response

FULL mode | IMPEDANCE



Polar Pattern

40Hz | 63Hz | 100Hz



Architect Specifications

The loudspeaker shall consist of a direct radiating bass reflex enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a single-channel omnidirectional subwoofer. The loudspeaker shall be mounted at wall or (suspended) ceiling. The enclosure shall feature four M10 threads for mounting swivel bracket or eyebolt. The enclosure shall be equipped with i-series screw terminal as standard; speakON® sockets and cable gland optional.

The enclosure shall feature one 12" long excursion neodymium LF transducer with 3" dual voice coil.

The usable system bandwidth shall be 37 Hz to 170 Hz.

Maximum peak SPL shall be 129 dB. The long-term handling capacity shall be 1500 W program and 3000 W peak. The nominal impedance of the TW AUDIO INTERNATIONAL GmbH shall be 12 Ohm.

Manufacturer:

71636 Ludwigsburg (Germany)

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 500 mm (19.69") in width, 350 mm (13.78") in height and 450 mm (17.72") in depth and the enclosure weight shall be 18.5 kg (40.79 lbs).

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

The loudspeaker shall be the TWAUDIO B12i.

References

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

TWAUDIO®

TW AUDIO INTERNATIONAL GmbH
Osterholzallee 140-2
71636 Ludwigsburg (Germany)

Phone: +49 7141 488989-0
Fax: +49 7141 488989-99
Mail: info@twaudio.com

