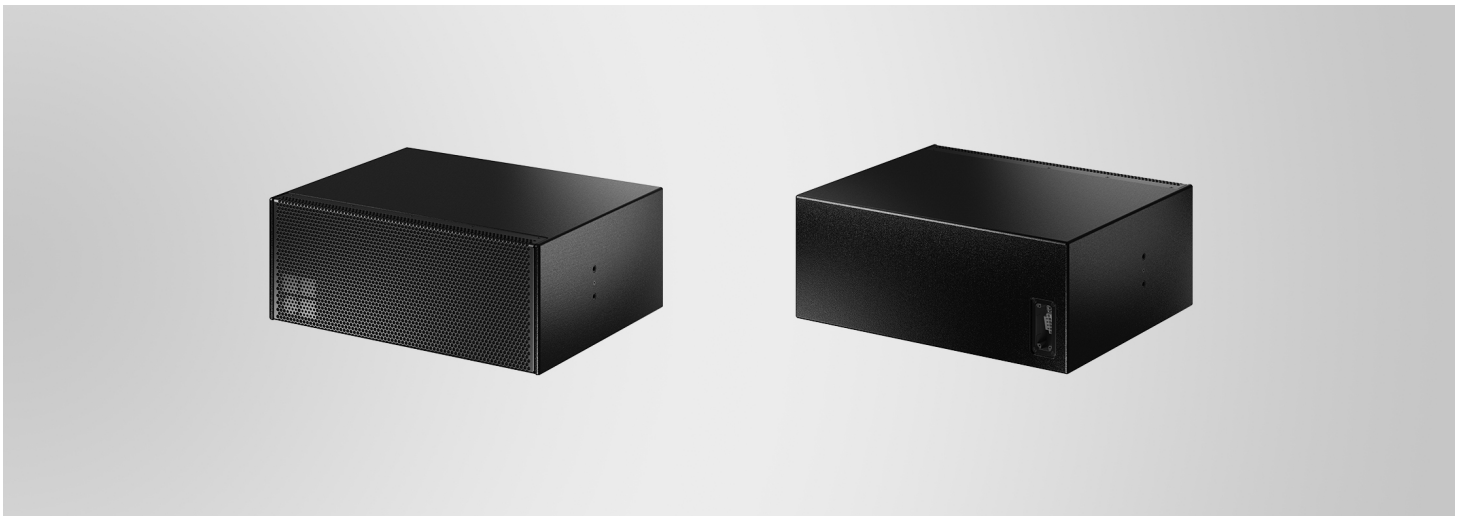
The Bi10-SUB subwoofer



The Bi10-SUB is a installation-specific, compact high performance subwoofer designed for small footprint setups and low-height applications. Featuring two 10" drivers in a bass-reflex cabinet with an advanced port design, it pairs perfectly with d&b U-Series and other compact d&b loudspeakers.

The frequency response extends from 38 Hz to 130/100 Hz.

The cabinet enclosure is constructed from marine plywood and has an impact and weather protected PCP finish. The front of the cabinet is protected by a rigid metal grill backed by an acoustically transparent foam.
Each side panel incorporates two threaded inserts M10 for the attachment of dedicated mounting accessories.

d&b amplifiers
The d&b audiotechnik loudspeaker range is designed exclusively for operation with d&b amplifiers. These provide power as well as comprehensive control and protection functions tailored to achieve the performance, reliability and longevity associated with the d&b system approach.

System data

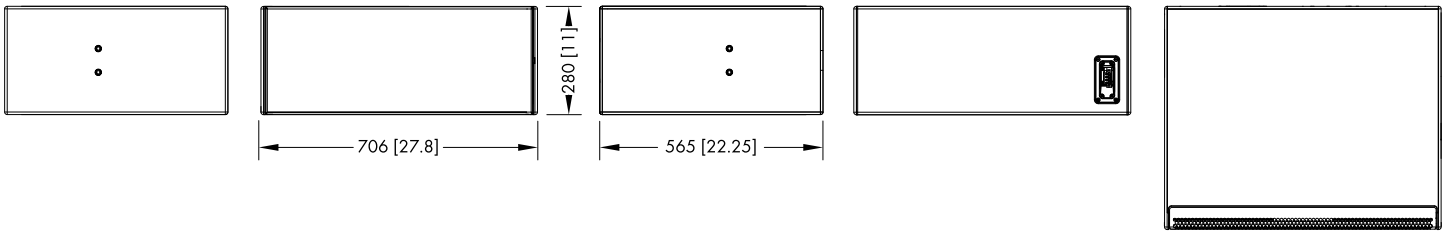
Frequency response (–5 dB Standard)	38 Hz - 130 Hz
Frequency response (–5 dB 100 Hz mode)	38 Hz - 100 Hz
Frequency response (–10 dB standard, IEC60268)	34 Hz - 170 Hz
Frequency response (–10 dB 100 Hz mode, IEC60268)	34 Hz - 140 Hz
Max. SPL (Peak, 1 m, free field, pink noise with crest factor 4)	
with D90/D80/D40/40D	130 dB
with D25/D20/25D/30D	128 dB
with 5D/5DM	127 dB
with 10D	126 dB

Loudspeaker data

Nominal impedance	6 ohms
Power handling capacity (RMS/peak 10 ms)	500/1200 W
Components	2 x 10" driver
Connections	Phoenix socket (Type: DFK PC 4/4 GF)
	Phoenix Plug (Type: SPC 5/4)
Weight	27 kg (60 lb)

d&b audiotechnik

The Bi10-SUB subwoofer



Bi10-SUB cabinet dimensions in mm [inch]

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Architectural specifications

The loudspeaker shall be a compact high performance subwoofer.
It shall consist of two 10" long excursion neodymium drivers in a bass-reflex design.
The loudspeaker shall only be operated by a dedicated, compatible controller amplifier.
The cabinet enclosure shall be made from marine plywood with an impact resistant paint finish.
The driver shall be protected by a rigid metal grill backed by an acoustically transparent and water repellent fabric.
Two threaded inserts M10 shall be incorporated in each side panel for the attachment of dedicated brackets.
Four rubber feet shall be incorporated in the bottom panel to prevent the cabinet from movement and scratching and four corresponding recesses in the top panel shall be incorporated to prevent movement of stacked cabinets.
The connection panel on the back shall be recessed and fitted with a 4-pin Phoenix connector.
A cover plate which accepts a single PG cable gland (Type PG13.5 for cable diameters from 6 - 12 mm) shall be available upon request.
The power handling capacity shall be 500 W RMS and 1200 W peak (10 ms). The frequency response (–5 dB) measured on axis shall be 38 Hz to 130 Hz with a maximum sound pressure of at least 130 dB.
The dimensions (W x H x D) shall not exceed 706 x 280 x 565 mm (27.8" x 11" x 22.25") and shall weigh no more than 27 kg (60 lb).

The loudspeaker shall be the Bi10-SUB by:
d&b audiotechnik GmbH & Co. KG.

d&b audiotechnik