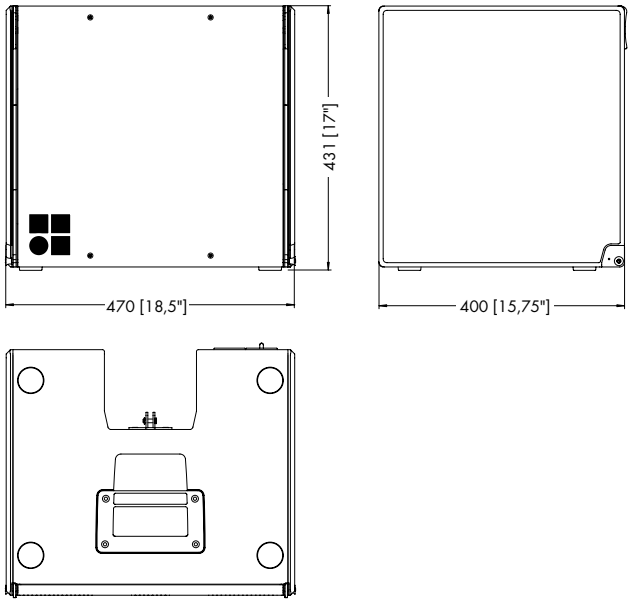
The T subwoofer

T subwoofer

The T-SUB is the subwoofer for the T-Series and is an actively driven bass-reflex design housing a long excursion 15" driver with a neodymium magnet. It can be used to supplement the LF headroom of the T10 loudspeaker in various combinations, ground stacked or flown, either integrated on top of a T10 array or as a separate column. The cabinets are mechanically connected using rigging links on both sides of the cabinet front which slide out when needed, and with a central splay link at the rear of the cabinet. All necessary rigging components are mounted to the cabinet. The T-SUB can also supplement the T10 loudspeaker in ground stacked applications where the T-SUB can mechanically support it.

The T-SUB cabinet is constructed from marine plywood and has an impact resistant paint finish and a handle on the top panel. The front of the loudspeaker cabinet is protected by a rigid metal grill in front of an acoustically transparent foam. Mounted on the rear panel are two EP5 or NL4 connectors wired in parallel.



T-SUB cabinet dimensions in mm (inch)

System data

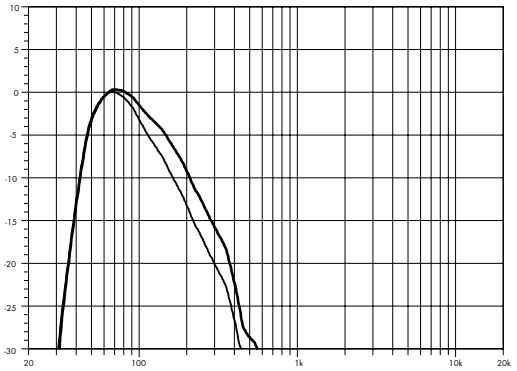
Frequency response (–5 dB, standard).....47 Hz - 140 Hz
Frequency response (–5 dB, 100 Hz mode).....47 Hz - 100 Hz
Max. sound pressure (single cabinet, 1 m, free field)[1].....
with D6.....127 dB
with D12.....130 dB

Loudspeaker data

Nominal impedance.....8 ohms
Power handling capacity (RMS/peak 10 ms).....300/1600 W
Components.....15" driver with neodymium magnet
Connections.....2 x EP5, optional 2 x NL4
Pin assignments.....EP5: 3/4, SenseDrive pin 5, (NL4: 2+/2–)
Weight.....17 kg (37 lb)

[1] Broadband measurement, pink noise, crest factor 4, peak measurement, linear weighting

The D6 and D12 configurations



T-SUB frequency response, standard and 100 Hz modes

T-SUB with D6 and D12

Selecting T-SUB mode in the D6 and D12 dual channel amplifiers enables up to two T-SUB loudspeakers to be driven by the respective channel.

When the D12 is operated in Mix TOP/SUB mode the T-SUB cabinets and respective full range systems can be linked together locally and fed by a single 4-wire cable from either amplifier output connector.

For acoustic adjustment the function 100 Hz can be selected. If the 100 Hz mode is selected, the upper operating frequency of the system is reduced from 140 Hz to 100 Hz.

The D12 incorporates d&b SenseDrive for accurate control of driver membranes in d&b subwoofers, resulting in an extremely precise bass performance, even at high levels. SenseDrive is only available using the D12 fitted with EP5 connectors and appropriate 5-wire cabling. For further information please refer to the d&b TI 340 SenseDrive, which is available for download at www.dbaudio.com.