



APPLICATIONS

- Permanent installations in Theatres, Concert Halls, Clubs, Places of Worship, Conference Rooms, Indoor Sports, Arenas & Stadiums
- Sound reinforcement for live events: Touring, Bands, Orchestras,
- Conference both indoors and out, where uniform sound pressure level is required over the entire listening area

FEATURES

- 13 layer 0.7" birch plywood enclosure with textured scratch resistant paint finish
- 2 x 15" B&C high excursion custom neodymium woofers with 4" voice coil
- Input panel with 2 x Neutrik speakon NL4
- May be suspended at the top of MODUS 40/15 array
- User friendly built-in hardware manufactured with the highest safety standards
- High SPL capability: 144dB
- Optional flying bar and trolley for two sub
- Completely Manufactured in Italy



PRODUCT DESCRIPTION

The FBT MODUS SUB meet the following performance criteria: frequency response of 38Hz to 95Hz, sensitivity of 103dB in free field at 1 meter, peak output of 144dB half-space. MODUS SUB is of push-pull band-pass design incorporating 2x15" neodymium woofers with 4" voice coil. The particular acoustic loading and layout of the loudspeakers enable to drastically reduce the distortion and movement of the cone, ensuring high SPL and very high reliability. All components are be mounted in a multi-ply-hard wood enclosure with a resistant black textured finish. The rear facing input panel provides 2 Neutrik Speakon NL4 female connectors. The FBTMODUS SUB can be flown with MODUS 15 and/or MODUS 40 in the same vertical array or ground stacked. Optional wheel trolley and casters facilitate quick load ins and load outs.

ELECTRICAL PERFORMANCE

System Type:	Band pass
Recommended Amplifier	1800W RMS
Long Term Applicable Power (AES)	1000W
Short Term Applicable Power (IEC 268-5)	3600W
Nominal Impedance	4 Ohm
Frequency Response @ -6dB	38Hz - 200Hz
Sensitivity @ 1W, 1m	103dB
Maximum SPL (continuous/peak) *	141dB / 144dB
Dispersion	omnidirectional
Crossover Frequency	90Hz external
Recommended HP filter	32Hz-24dB oct.

PHYSICAL

Low Frequency Woofer	2x15" / 4" Coil
High Frequency Driver	-----
Input Connectors	2 x Speakon NL4
Net Dimensions (WxHxD)	28.07" x 28.07" x 32.91"
Shipping Dimensions (WxHxD)	36.2" x 70.9" x 30.7"
Net Weight	189.59 lbs
Shipping Weight	429.90 lbs
Enclosure Material	13 layer 0.7" birch plywood

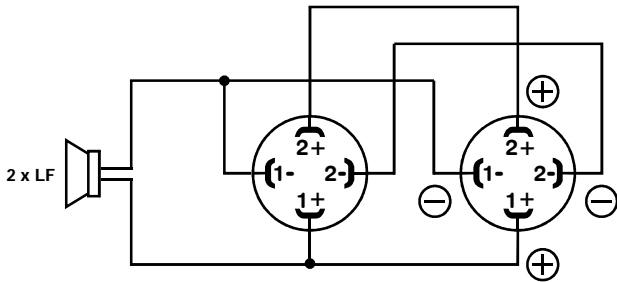
* CONT. SPL: half space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: half space, based on short term applicable power rating and system peak sensitivity, 10mS time average



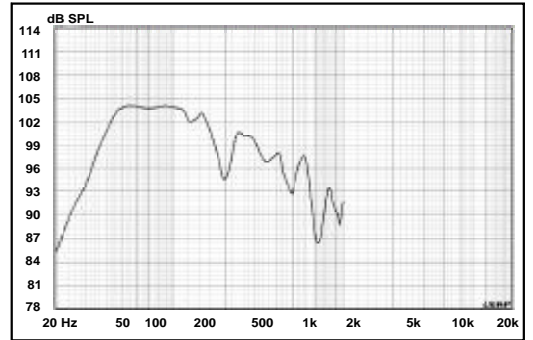
MODUS SUB

Precision Coverage Vertical Array

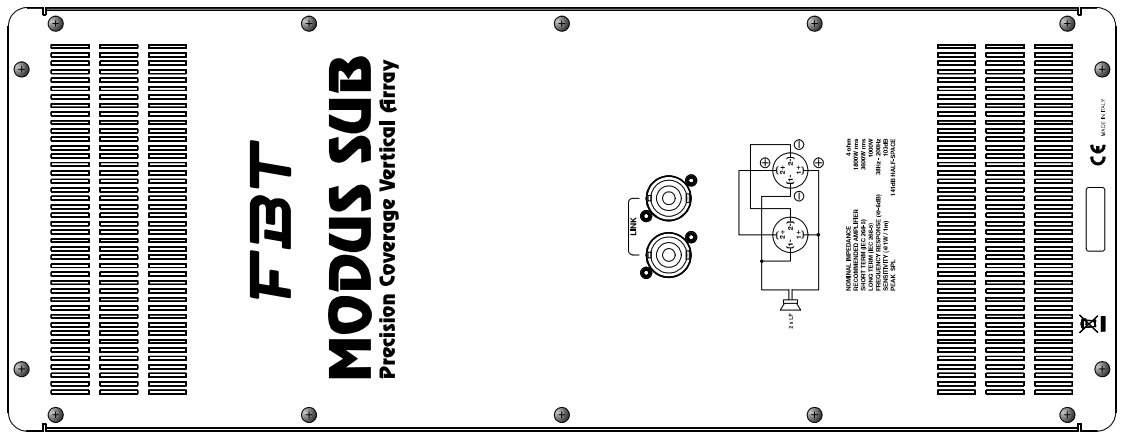
BLOCK DIAGRAM



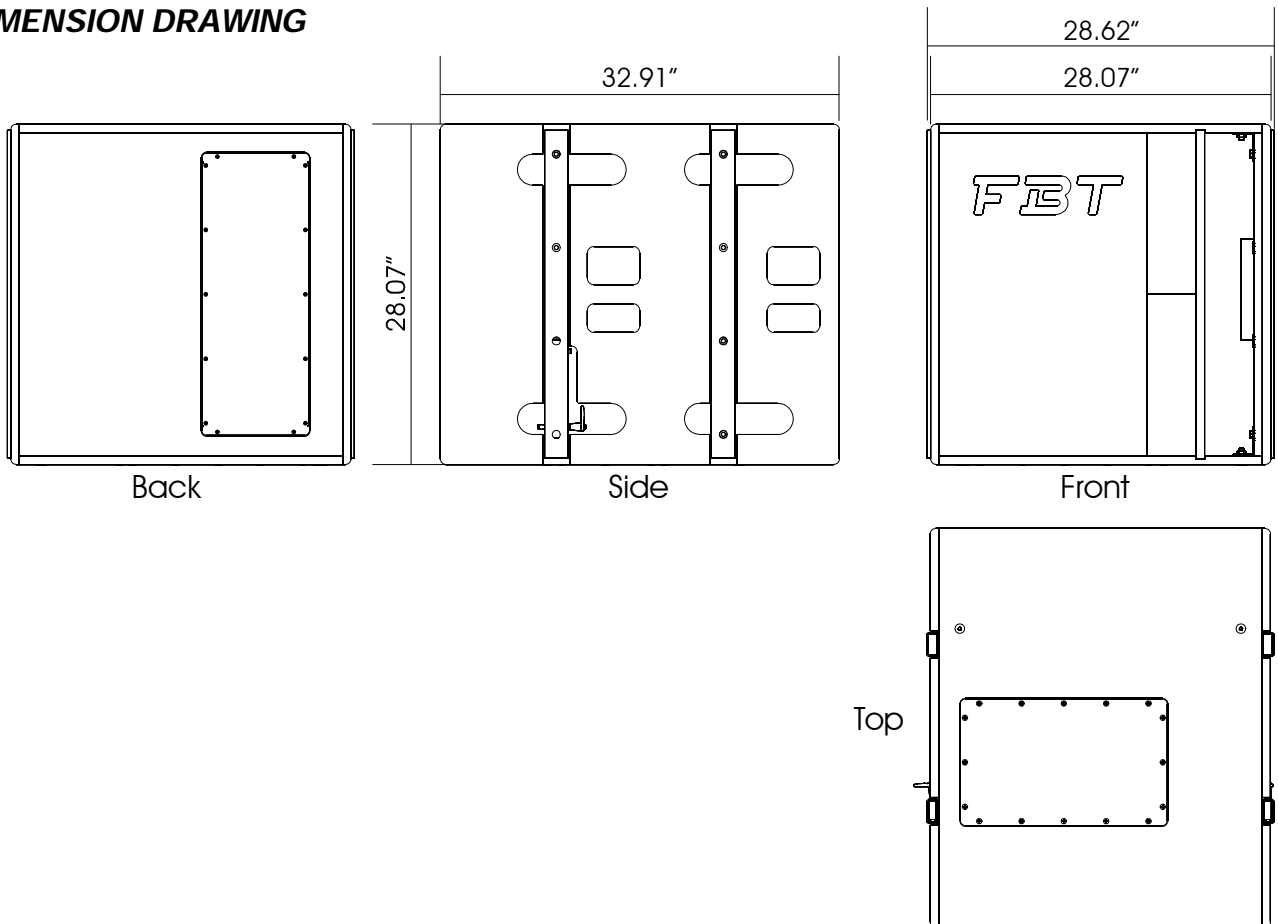
FULL SPACE FREQUENCY RESPONSE



INPUT CONNECTORS



DIMENSION DRAWING

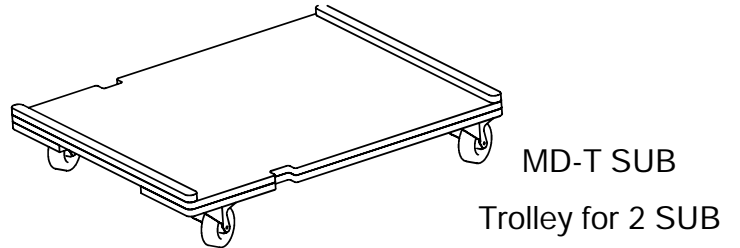
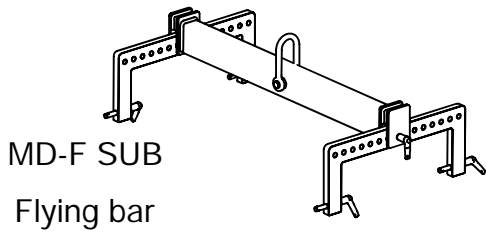




MODUS SUB

Precision Coverage Vertical Array

ACCESSORIES



CONFIGURATIONS

