FBT

MODUS 15A
Precision Coverage Vertical Array

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APPLICATIONS

- Permanent installations in Theatres, Concert Halls, Clubs, Discos, Houses of Worship, Conference Halls, Indoor Sports Arenas, Stadiums
- Sound Reinforcement for Live Events: Touring, Bands, Orchestras
- Any application for LF extension where uniform sound pressure level is required over the entire listening area

FEATURES

- 2-way powered bi-amplified true line array
- 13 ply 3/4" birch plywood enclosure with textured scratch resistant paint finish
- 8 x 8" custom neodymium woofers with 2" voice coils
- 8 x 1" neodymium compression drivers with 1.7" voice coils
- 15°V x 90°H coverage
- Control panel with XLR signal input and link, input gain, ground lift, 2 banks
- of dip switches for delay control and EQ presets, diagnostic LED's
- User friendly built-in hardware manufactured with the highest safety standards
- High SPL capability: 143dB
- Optional fly bar, trolley for two systems, metal stand base and joint base to ground stack to the MODUS SUB
- Completely Manufactured in Italy

PRODUCT DESCRIPTION

The FBT MODUS 15A two-way powered bi-amplified line-array system shall incorporate 8 x 8" custom woofers with 2" voice coils and 8 x 1" custom neodymium compression drivers with 1.7" voice coils. The FBT MODUS 15A can be used singly with vertical dispersion of 15°or joined together with a MODUS 40A forming a J-array with a vertical dispersion angle of 55°. The FBTMODUS 15A features1400W RMS LF and 700W RMS HF Class "D" high efficiency integrated amplifiers. The FBT MODUS 15A shall meet the following performance criteria: frequency response of 58Hz to 18kHz, frequency sensitivity of 105dB, maximum SPL of 143dB. The waveguide, designed to create a coherent cylindrical acoustic front, is free of multiple sound paths ensuring a natural-sounding emission.The front shall be protected by a perforated aluminum grill and a rugged touring grade scratch resistant black paint finish protects the cabinet exterior. The Control panel shall have XLR signal input and link thru out, input gain, ground lift, 2 banks of dip switches for EQ factory presets and Delay control, diagnostic LED's. The system shall be flyable thanks to the user friendly built-in hardware manufactured with the highest safety standards.

Specifications

System Type:	2-way
Built in Amplifier	1400W RMS LF/700W RMS HF
Frequency Response @ -6dB	58Hz - 18kHz
Sensitivity @ 1W, 1m	105dB
Maximum SPL (continuous/peak)*	137dB / 143dB
Dispersion	90°H x 15°V
Input Impedance	22k Ohm
Crossover Frequency	1.2 kHz
AC Power Requirement	1400VA
Input Sensitivity	0dBu line

Low Frequency Woofer	8 x 8" / 2" Coil
High Frequency Driver	8 x 1" / 1.7" Coil
Input Connectors	XLR with loop out
Net Dimensions (WxHxD) single unit	28.07" x 38.58" x 19.29"
Shipping Dimensions (WxHxD) 2 units	29.5" x 55.1" x 43.3"
Net Weight	205.02 lbs
Shipping Weight	234.00 lbs
Enclosure Material	13 ply 3/4" birch plywood

* CONT. SPL: free space, based on RMS power amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: free space, based on peak power amp rating and system peak sensitivity, 10mS time average

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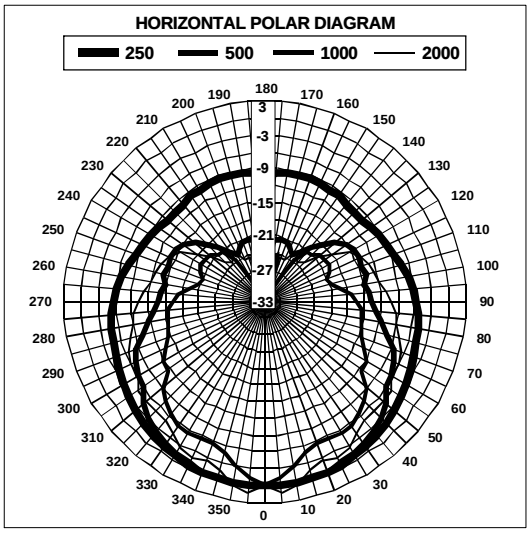
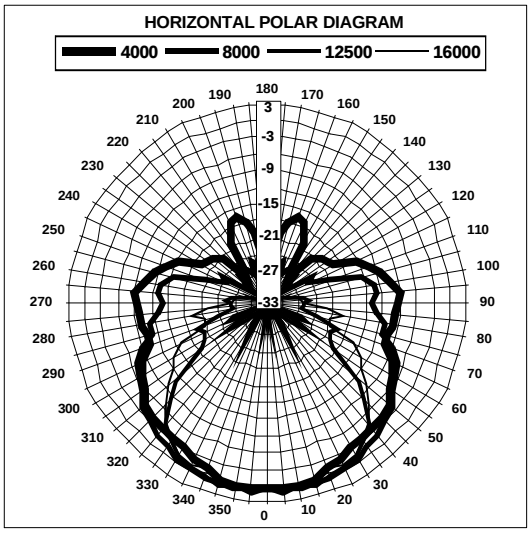
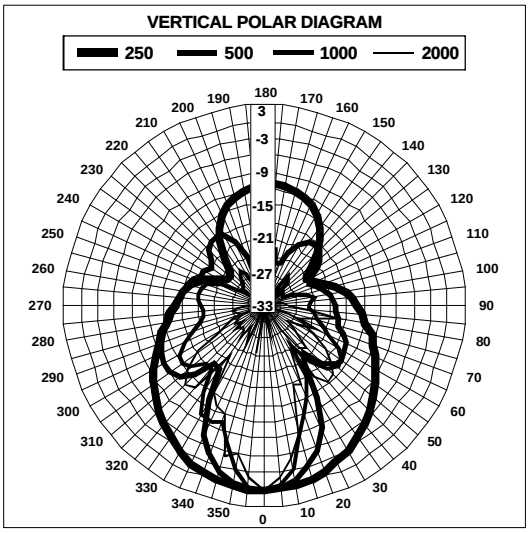
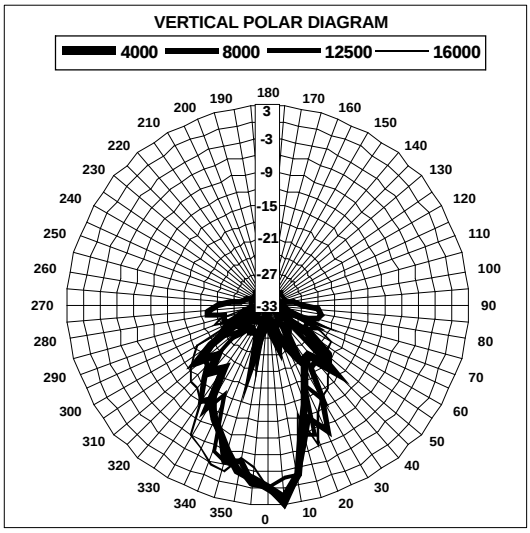
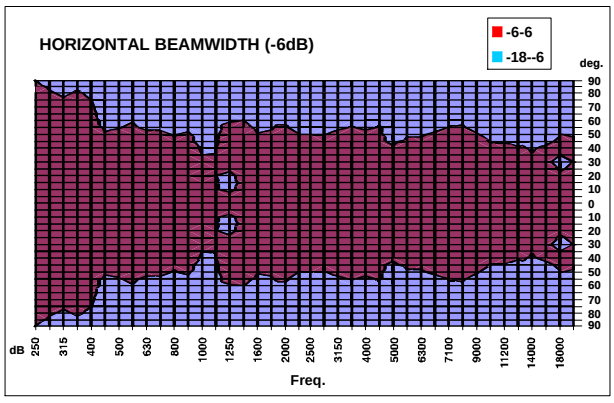
DIAGRAMS

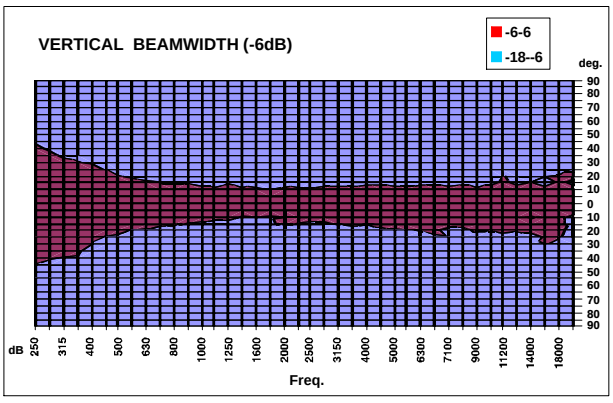


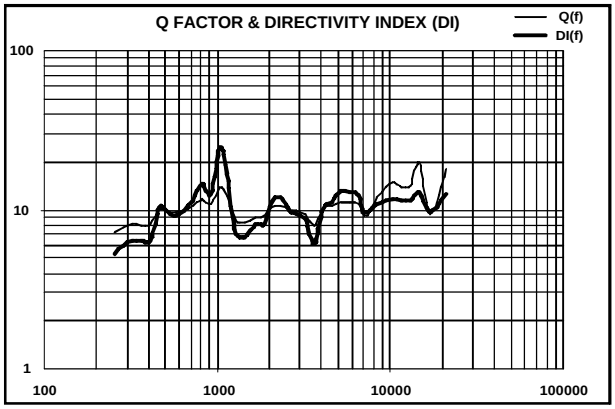


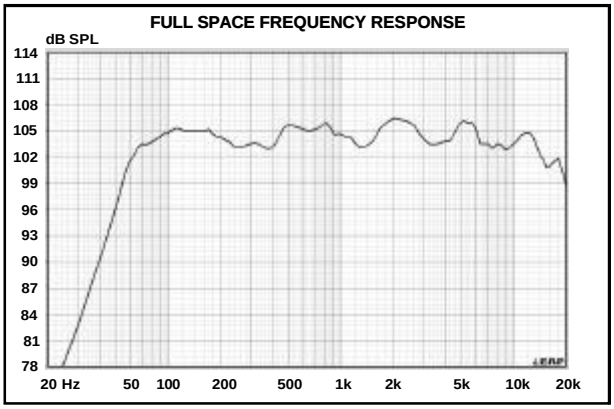




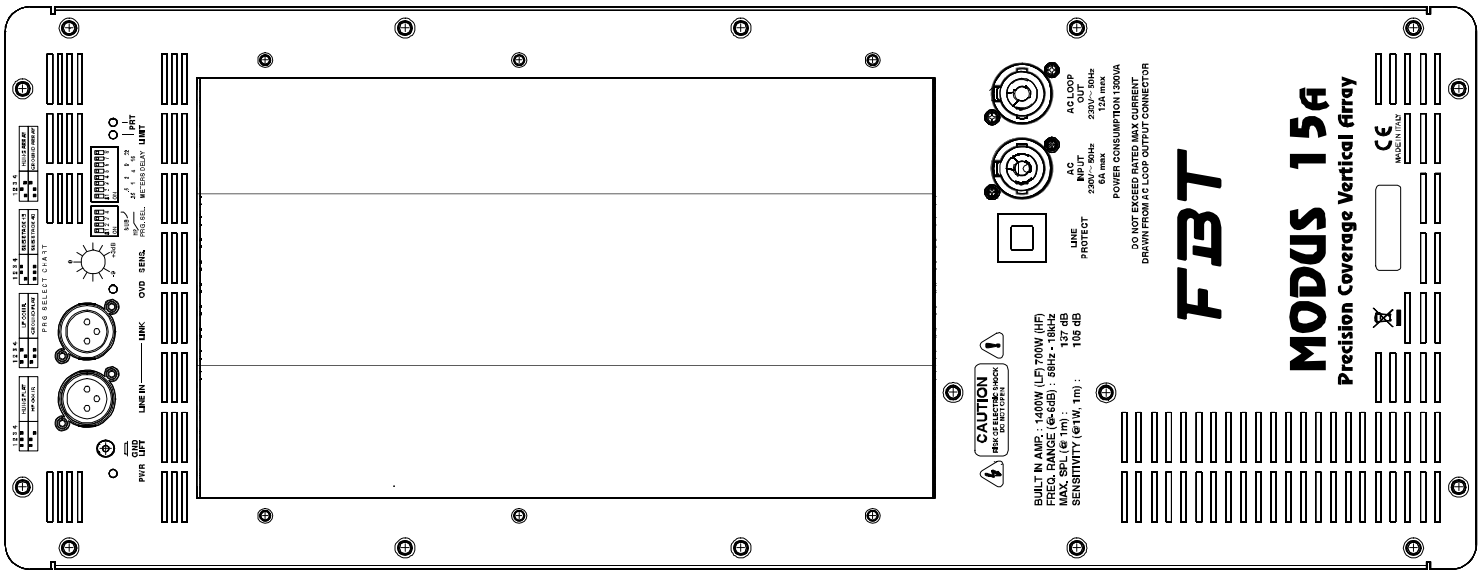




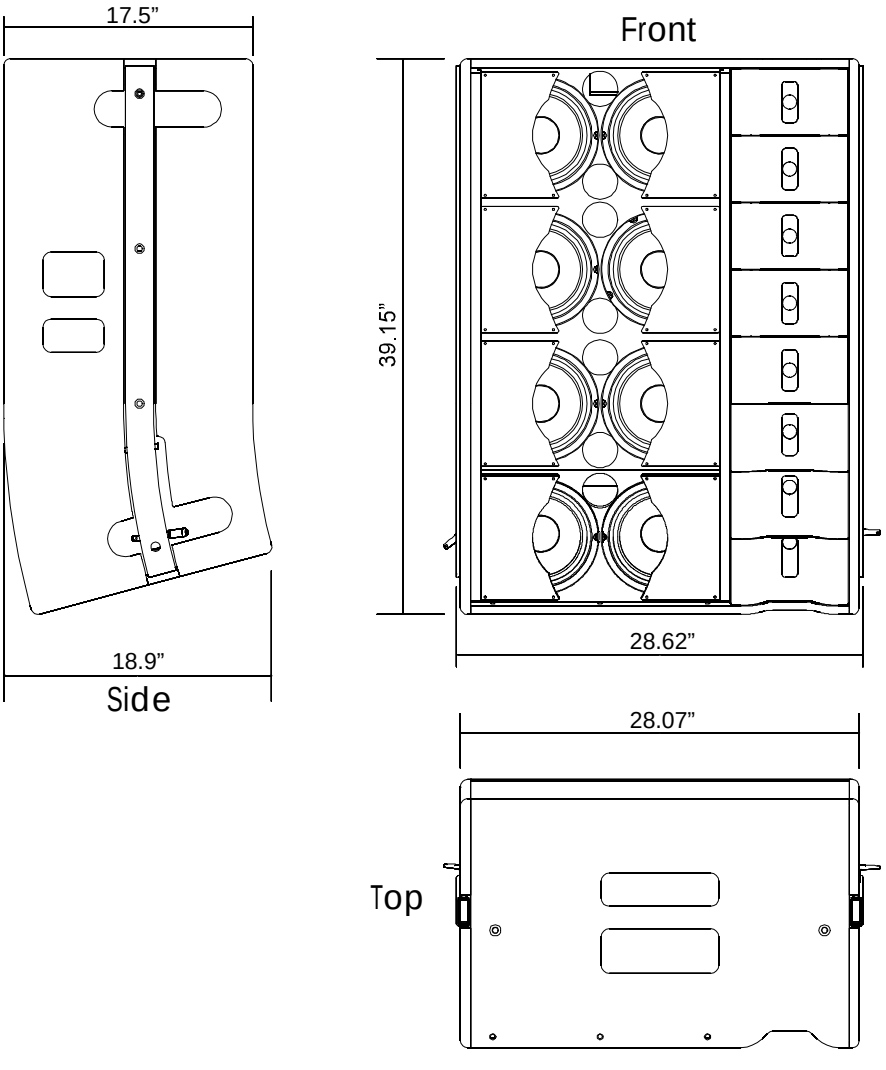




CONTROL PANEL



Dimensional Drawings



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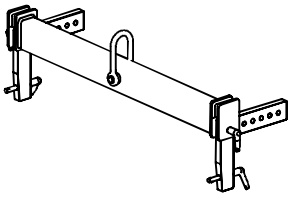
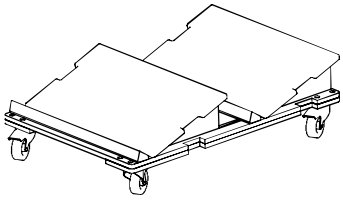
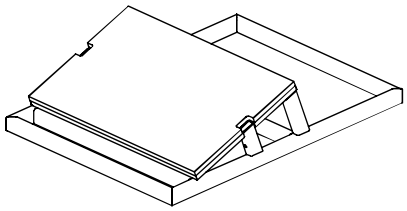
ACCESSORIES



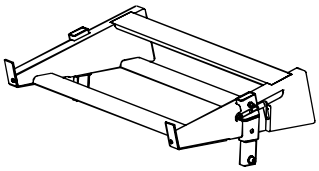
MD-F SAT
Fly bar



MD-T SAT
Trolley for 2 Modus 15/40



MD-B
Metal stand base
to tilt MODUS 15A



MD-WB
Joint base
to ground stack
MODUS 15A to
MODUS SUB A

CONFIGURATIONS

MODUS SUB A

MODUS 15 A

MODUS 40 A

MODUS 15 A

MODUS 40 A

MODUS 15 A

MODUS SUB A

MODUS 15 A

MODUS 40 A