



MODUS 15A

Precision Coverage Vertical Array

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

- 2-way powered bi-amplified true line array
- 13 layer 0.7" birch plywood enclosure with textured scratch resistant paint finish
- 8 x 8" custom neodymium woofers with 2" voice coil
- 8 x 1" neodymium compression driver with 1.7" voice coil
- 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, diagnostic led
- User friendly built-in hardware manufactured with the highest safety standards
- High SPL capability: 143dB
- Optional flying bar, trolley for two systems, metal stand base and joint base to ground stack to 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 woofer with 2" voice coils and 8 x 1" custom neodymium compression drivers with 1.7" voice coil. The FBT MODUS 15A can be used singly with vertical dispersion of 15° or joined together FBT MODUS 40A forming a J-array with a vertical dispersion angle of 55°. The FBT MODUS 15A shall have a 1500W RMS LF and 750W RMS HF class "D" high efficiency integrated amplifier. 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 formed aluminum grill and a rugged touring grade scratch resistant black paint finish protects the cabinet exterior. Control panel shall have XLR signal input and link, input gain, ground lift, 2 banks of dip switches for delay control, diagnostic led. The system shall be flyable thanks to the user friendly built-in hardware manufactured with the highest safety standard.

ELECTRICAL PERFORMANCE

| | |
|--|---------------------------|
| System Type: | 2-way |
| Built in Amplifier: * | |
| cont..... | 1400W RMS LF/700W RMS HF |
| max..... | 1500W RMS LF/750W RMS HF |
| max peak..... | 3000W RMS LF/1500W 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 (continuous/peak) | 1400VA/2800VA |
| Input Sensitivity | 0dBu line |

PHYSICAL

| | |
|-------------------------------------|-----------------------------|
| Low Frequency Woofer | 8 x 8" / 2" Coil |
| High Frequency Driver | 8 x 1" / 1.7" Coil |
| Input Connectors | XLR with loop |
| 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 2 units on pallet | 462.97 lbs |
| Enclosure Material | 13 layer 0.7" birch plywood |

* CONT. : 500ms burst, rms power on nominal speaker impedance
 MAX: 2ms burst, rms power on nominal speaker impedance
 MAX PEAK: based on max peak output voltage and nominal speaker impedance

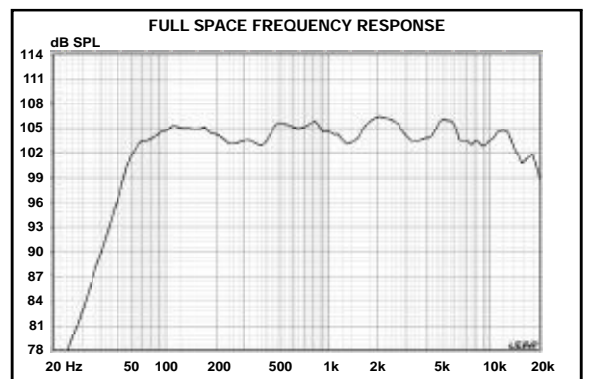
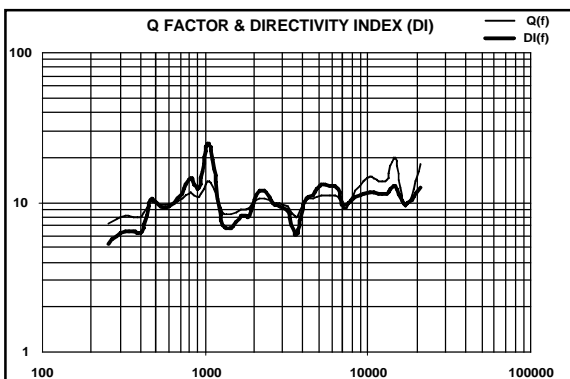
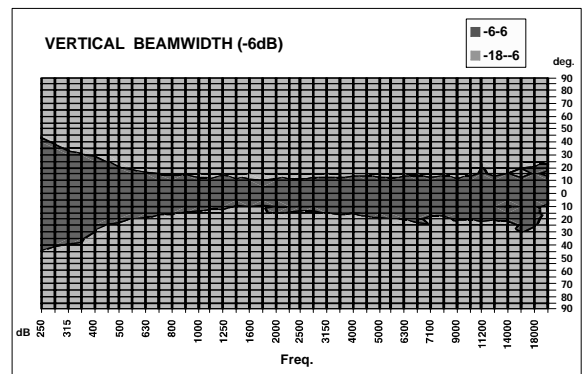
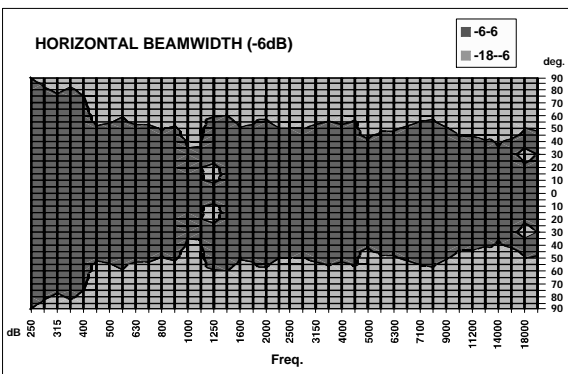
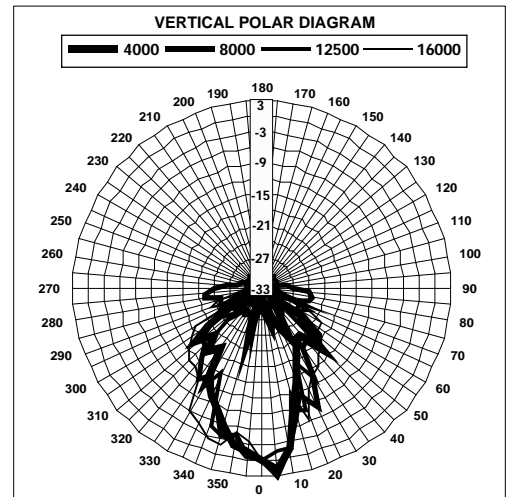
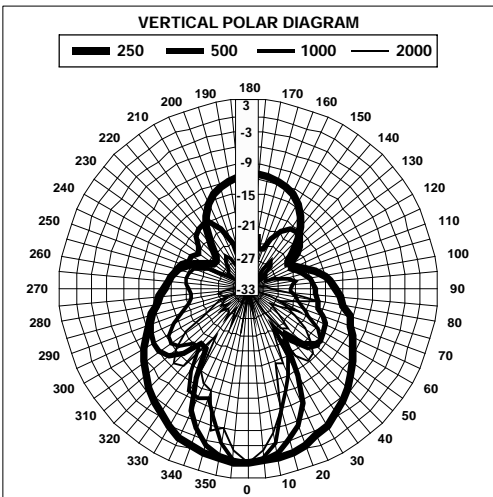
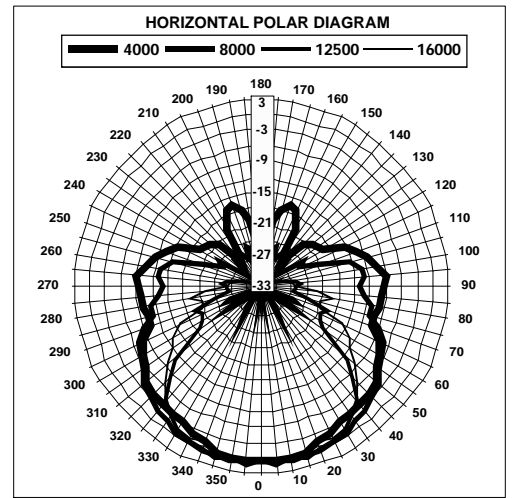
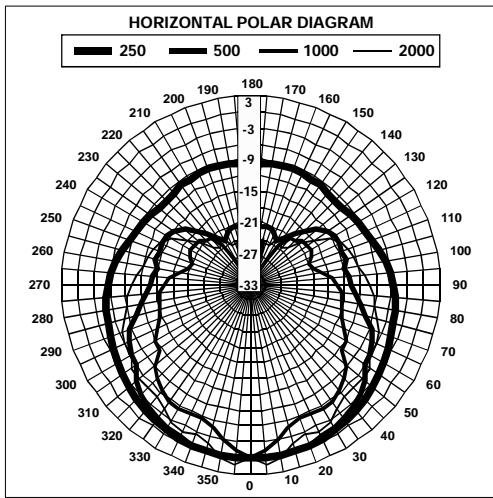
** CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average
 PEAK SPL: free space, based on max. peak power amp rating and system peak sensitivity, 10mS time average



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DIAGRAMS

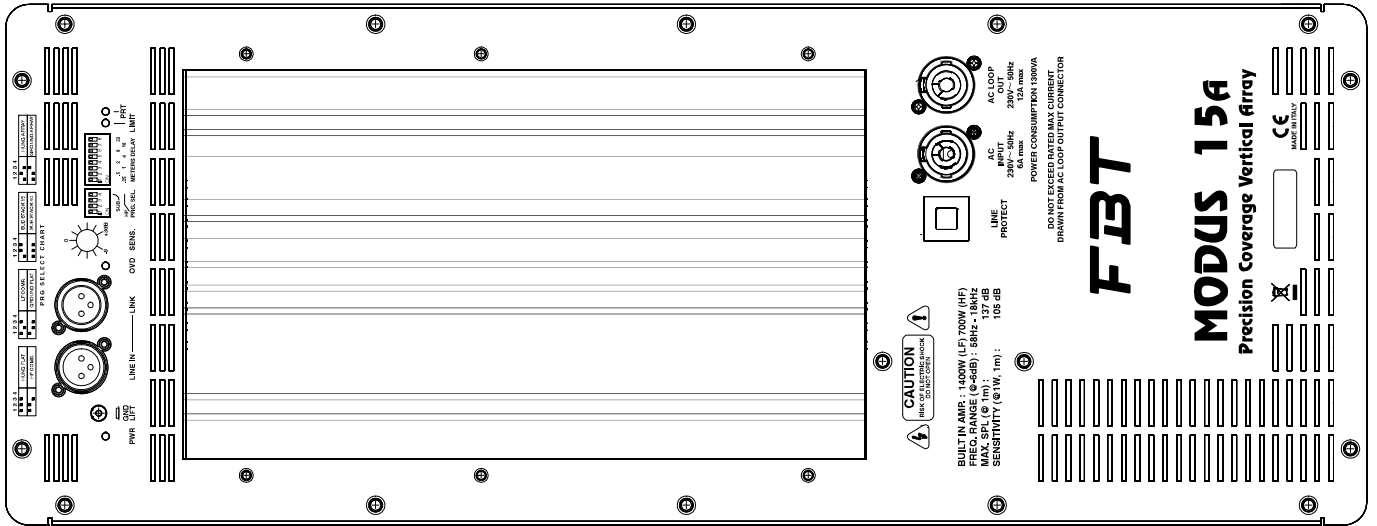




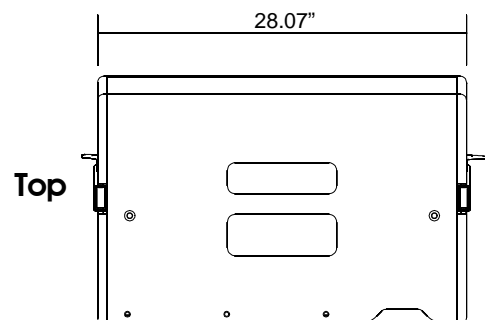
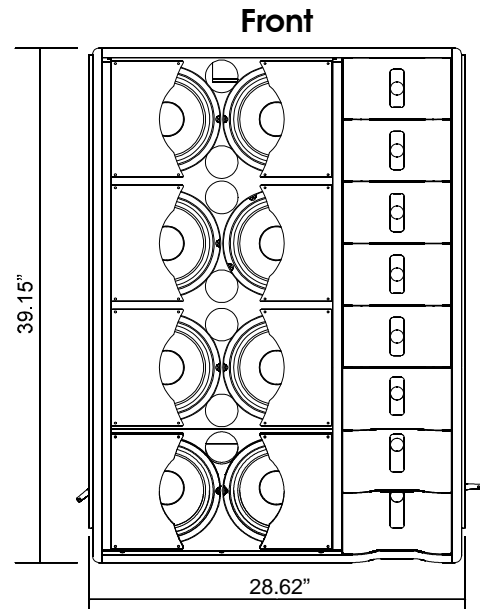
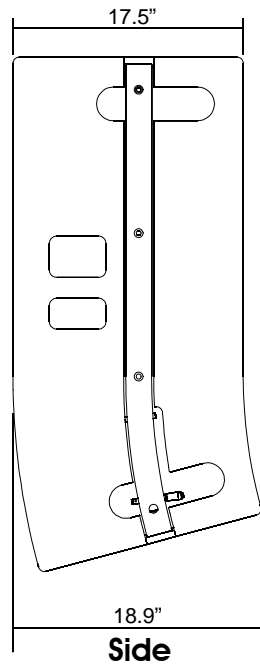
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CONTROL PANEL



DIMENSION DRAWING

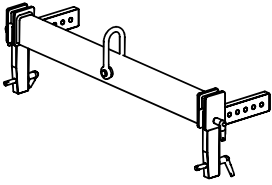




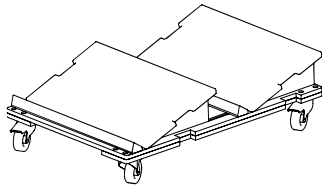
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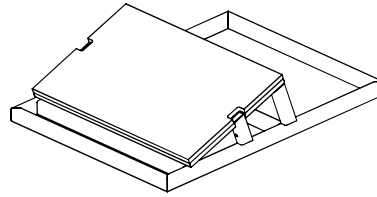
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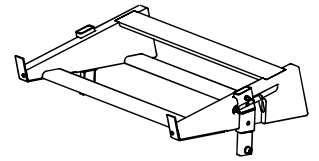
MD-F SAT
Flying bar



MD-T SAT
Trolley for 2 sat



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