

Processed Active Monitor

MAIN APPLICATIONS

- Band P.A.
- Personal monitor
- Small theatres
- Auditoriums
- Piano bar and DJ
- Stage monitor
- Conference rooms
- Fixed installations in live clubs
- Pubs
- Gyms

MAIN FEATURES

- 2-way processed active system
- 15" custom woofer with 2" coil
- 1" high frequency driver with 1" coil
- 300W/70W built-in amplifier cont. RMS LF/HF
- 350W/100W built-in amplifier max. RMS LF/HF
- 700W/200W built-in amplifier max. peak LF/HF
- 2 x M10 suspension points
- 4 DSP presets
- Completely manufactured in Italy

DESCRIPTION

The FBT J 15A series speakers feature lightweight, yet rugged gas-injected molded polypropylene cabinet construction. Available in a black finish the FBT J 15A series speakers modern cabinet appearance provides fixed installations with an elegant design that blends into any decor. The asymmetrical shape of the FBT J 15A cabinet also allows for use as a powered floor stage monitor. The FBT J 15A is of two-way design incorporating a 15" low-frequency woofer and 1" HF custom compression driver coupled to a 90°H x 60°V horn. The active internal crossover is at a fixed frequency of 1.8kHz. With a frequency range of 48Hz - 20kHz the FBT J 15A speakers provide high fidelity sound for both speech and music applications with a maximum SPL of 129dB. A front face steel grille protects the speaker from external damage. The bi-amplified FBT J 15A active speaker features a 350W RMS low-frequency amp and a 100W RMS high-frequency amp. The control panel features a level control, HP filter switch, mic/line selector and preset switch (original, floor/vocal, boost/lounge, club/DJ)) led power on, protection/limiter led indicators, a balanced XLR and Jack in, a balanced XLR link out. The two M10 fly points built into the cabinet along with the optional mounting brackets allow the FBT J 15A speaker to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT J 15A to be mounted on a speaker stand.

TECHNICAL SPECIFICATIONS

GENERAL

| | | |
|-----------------------|------|-------------|
| Configuration | way | 2 |
| Low frequency woofer | inch | 15 - 2 coil |
| High frequency driver | inch | 1 - 1 coil |

ACOUSTIC SPEC.

| | | |
|---------------------|---------|--------------|
| Frequency response | (@-6dB) | 48Hz - 20kHz |
| Crossover frequency | kHz | 1.8 |
| MAX SPL (cont/peak) | dB | 125 / 129 |
| Dispersion | H x V | 90° x 60° |

POWER SUPPLY

| | | |
|----------------------|----------|-----------|
| Power cord | mt ft | 5 16.4 |
| AC power requirement | VA | 400 |

INPUTS & OUTPUTS

| | | |
|------------------|--|----------------------|
| Input connectors | | XLR - Jack with loop |
|------------------|--|----------------------|

AMPLIFIER

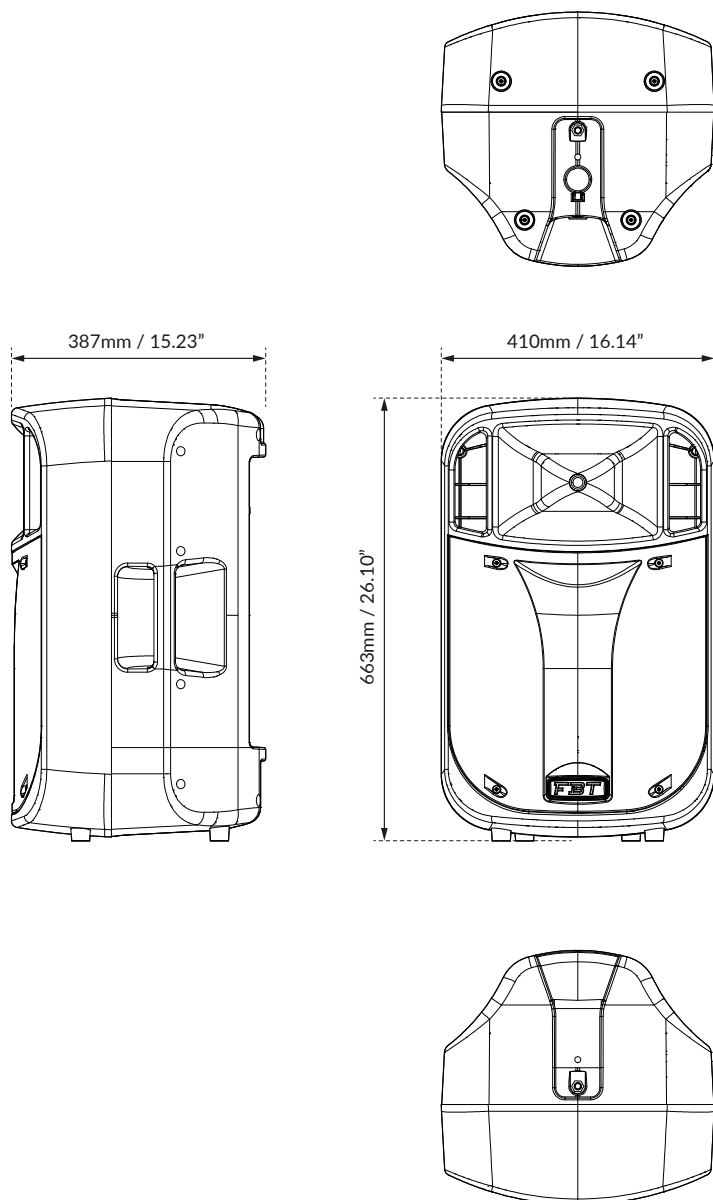
| | | |
|-----------------------------|-------|---------------------|
| Built-in amplifier MAX cont | W RMS | 300 (LF) / 70 (HF) |
| Built-in amplifier MAX | W RMS | 350 (LF) / 100 (HF) |
| Built-in amplifier MAX peak | W | 700 (LF) / 200 (HF) |
| Input impedance | kOhm | 22 |

MECHANICAL SPEC.

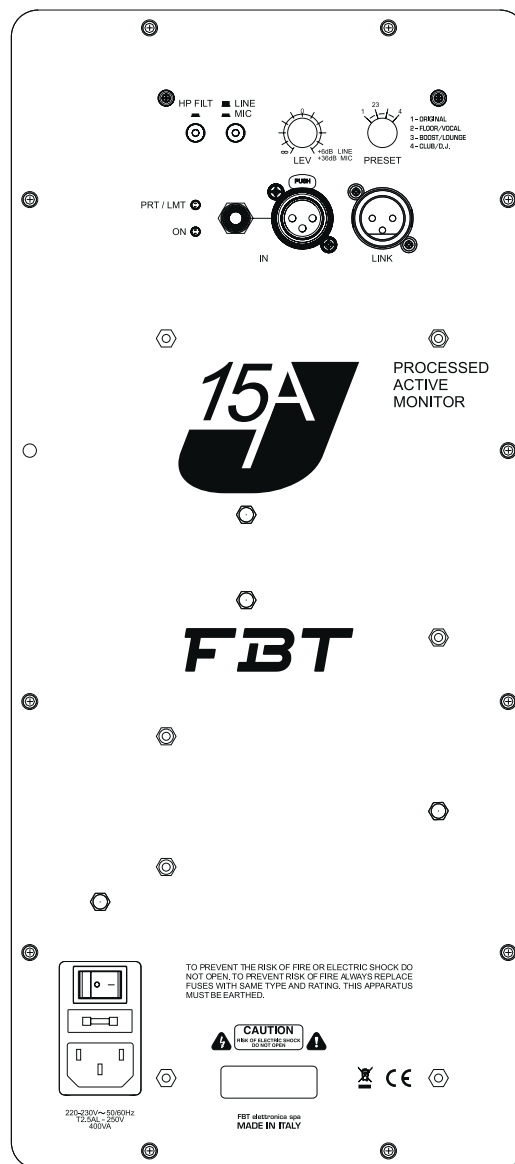
| | | |
|------------------------------|------------|--|
| Material | | Polypropylene |
| Net dimensions (WxHxD) | mm inch | 410 x 663 x 387 16.14 x 26.1 x 15.23 |
| Transport dimensions (WxHxD) | mm inch | 495 x 755 x 475 19.49 x 29.69 x 18.70 |
| Net weight | kg lb | 15.10 33.28 |
| Transport weight | kg lb | 17.90 39.46 |



DIMENSIONAL DRAWING



CONTROL PANEL



ACCESSORIES

BOX-112

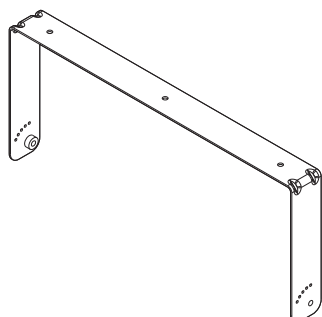
Horizontal Wall Bracket

Code: 18602

675 x 70 x 285mm

26.57 x 2.75 x 11.22inch

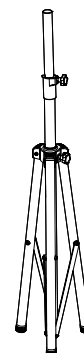
2 kg / 4.40 lb



MSA 300BK

Speaker Stand

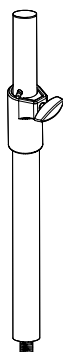
Code: 39326



MSA 220BKS

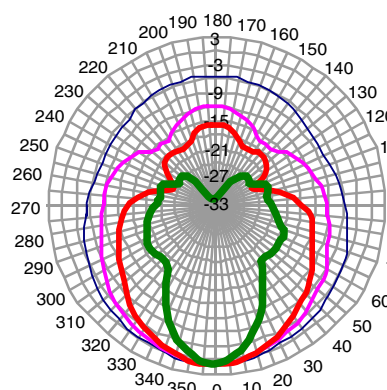
Adjustable Stand for Sub-Sat Connection

Code: 39330

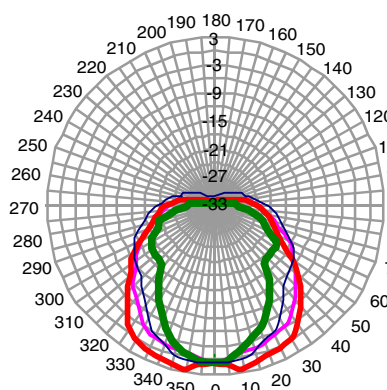
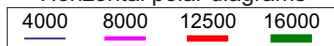


DIAGRAMS

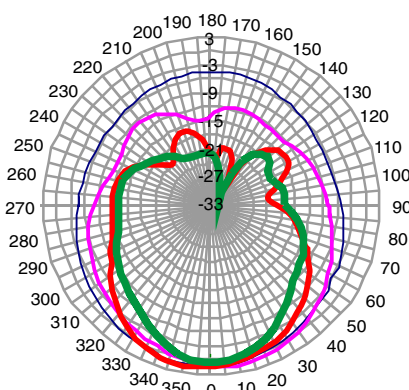
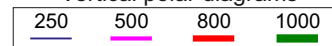
Horizontal polar diagrams



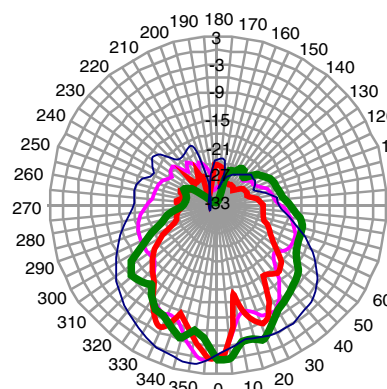
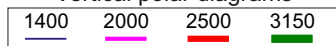
Horizontal polar diagrams



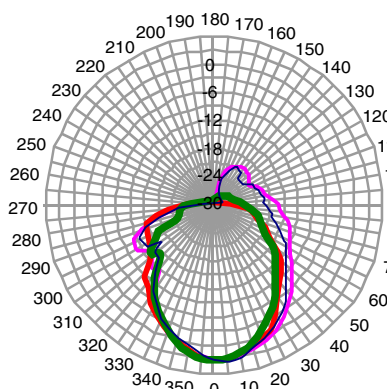
Vertical polar diagrams



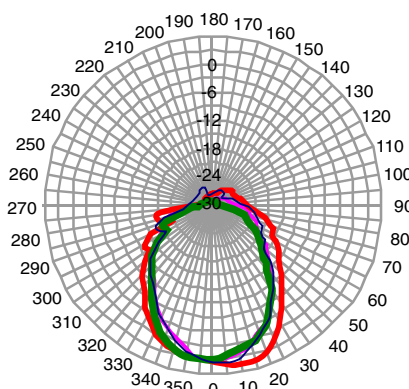
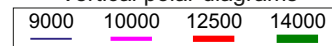
Vertical polar diagrams



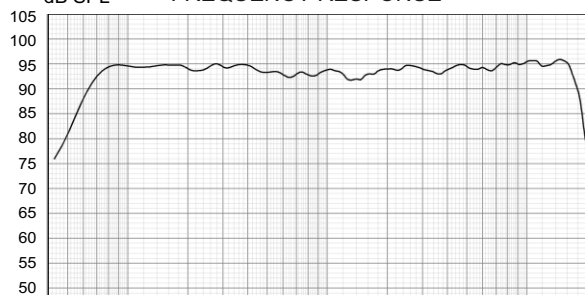
Vertical polar diagrams



Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

