

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
- 12" 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 12A series speakers feature lightweight, yet rugged gas-injected moulded polypropylene cabinet construction. Available in a black finish the FBT J 12A series speakers modern cabinet appearance provides fixed installations with an elegant design that blends into any decor. The asymmetrical shape of the FBT J 12A cabinet also allows use as a powered floor stage monitor. The FBT J 12A is of two-way design incorporating a 12" 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 2kHz. With a frequency range of 50Hz - 20kHz the FBT J 12A speakers provide high-fidelity sound for both speech and music applications with a maximum SPL of 128dB. A front face steel grille protects the speaker from external damage. The bi-amplified FBT J 12A 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, 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 12A speaker to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT J 12A to be mounted on a speaker stand.

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	2
Low frequency woofer	inch	12 - 2 coil
High frequency driver	inch	1 - 1 coil

ACOUSTIC SPEC.

Frequency response	(@-6dB)	50Hz - 20kHz
Crossover frequency	kHz	2
MAX SPL (cont/peak)	dB	124 / 128
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
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AMPLIFIER

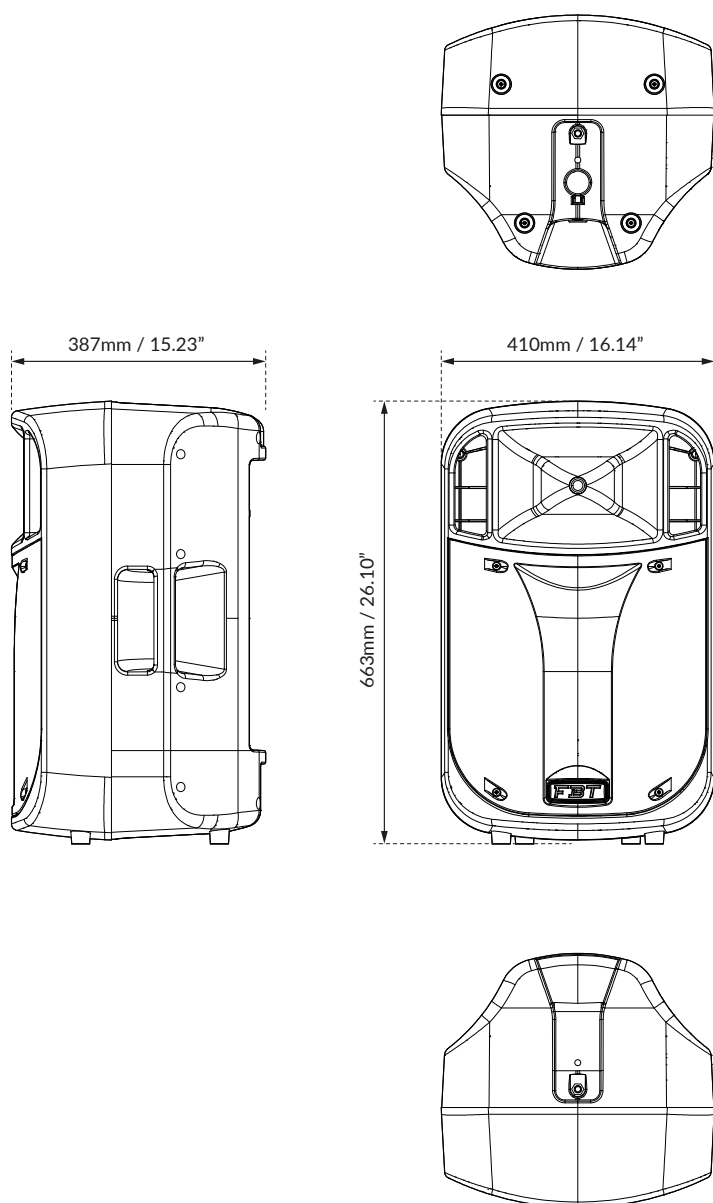
Built-in amplifier MAX cont	W RMS	300 (LF) / 70 (HF)
Built-in amplifier MAX	W RMS	350 (LF) / 100 (HF)
Built-in amplifier MAX peak	W	700 (LF) / 200 (HF)
Input impedance	kOhm	22

MECHANICAL SPEC.

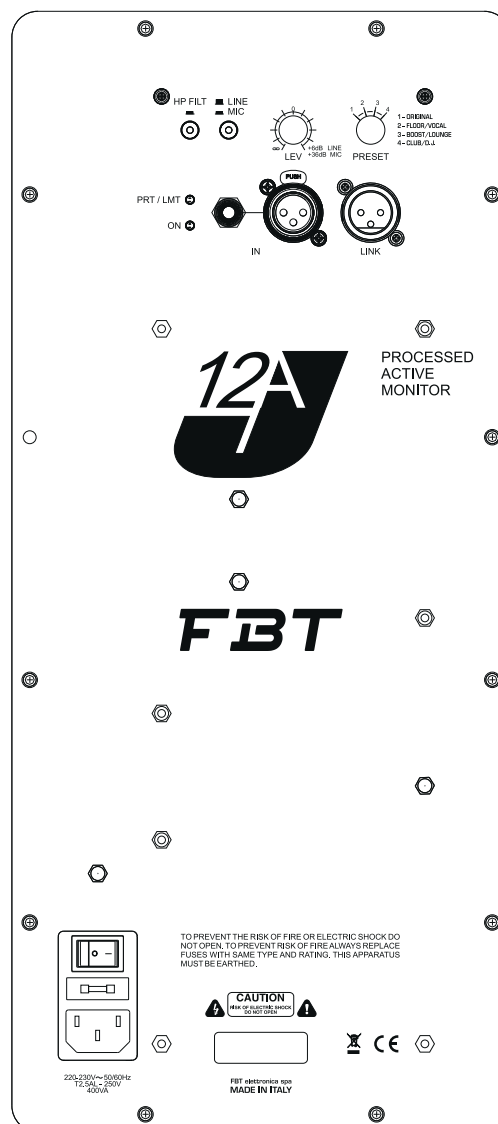
Material		Polypropylene
Net dimensions (WxHxD)	mm inch	410 x 663 x 387 16.14 x 26.1 x 15.23
Transport dimensions (WxHxD)	mm inch	495 x 755 x 475 19.49 x 29.69 x 18.70
Net weight	kg lb	14.90 32.84
Transport weight	kg lb	17.50 38.58



DIMENSIONAL DRAWING



CONTROL PANEL



ACCESSORIES

BOX-112

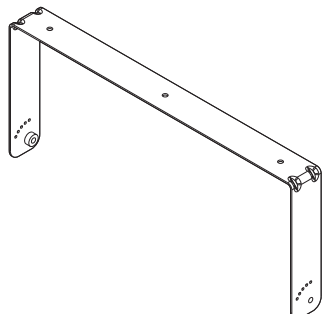
Horizontal Wall Bracket

Code: 18602

675 x 70 x 285mm

26.57 x 2.75 x 11.22inch

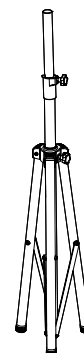
2 kg / 4.40 lb



MSA 300BK

Speaker Stand

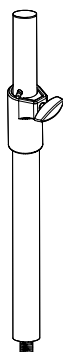
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MSA 220BKS

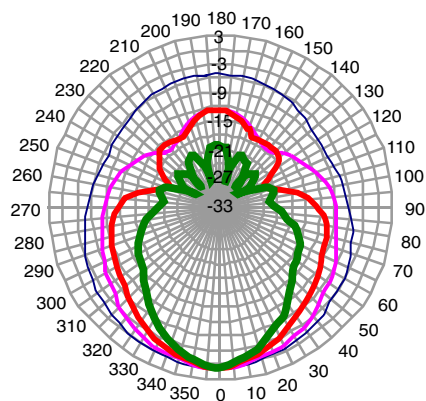
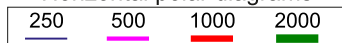
Adjustable Stand for Sub-Sat Connection

Code: 39330

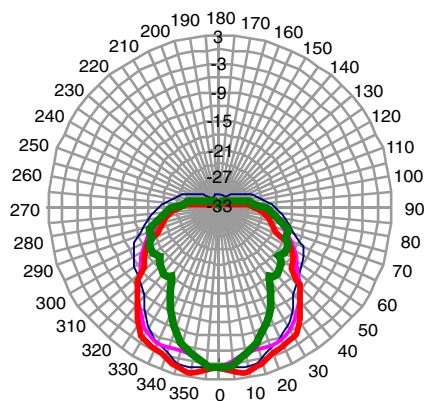
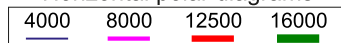


DIAGRAMS

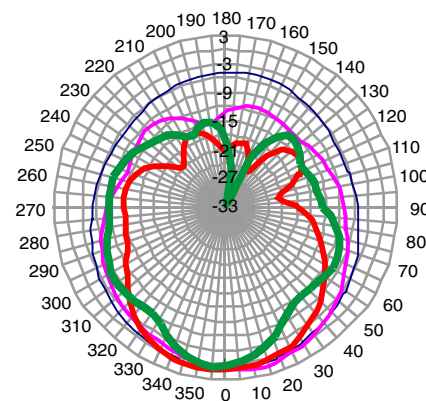
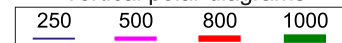
Horizontal polar diagrams



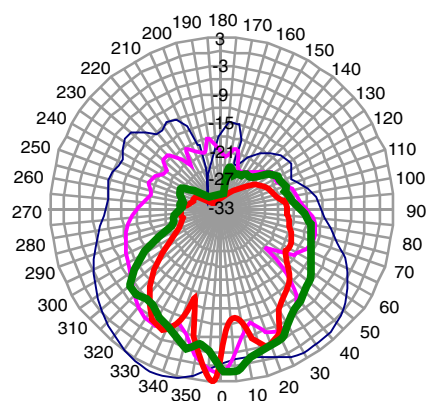
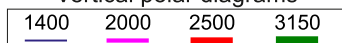
Horizontal polar diagrams



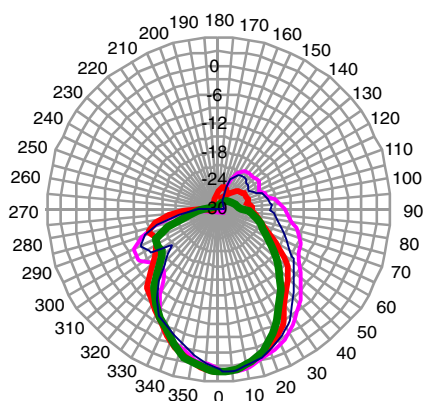
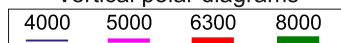
Vertical polar diagrams



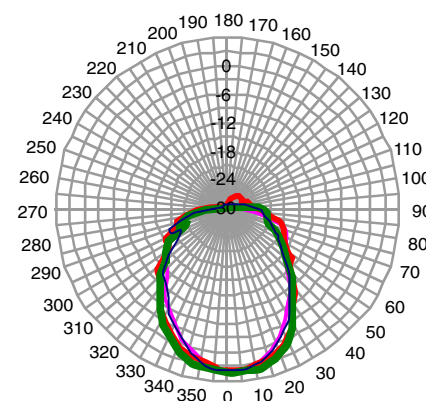
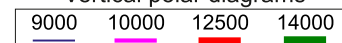
Vertical polar diagrams



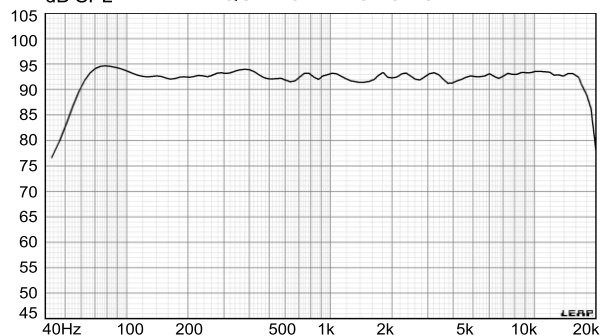
Vertical polar diagrams



Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

