

# Processed Active Monitor

## MAIN APPLICATIONS

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

## MAIN FEATURES

- 2-way processed active system
- 8" custom woofer with 1.7" coil
- 1" high frequency driver with 1" coil
- 150W/40W built-in amplifier cont. RMS LF/HF
- 200W/50W built-in amplifier max. RMS LF/HF
- 400W/100W built-in amplifier max. peak LF/HF
- 2 x M6 suspension points
- 2 DSP presets
- Available in black or white colour



## DESCRIPTION

The FBT J 8A series speakers feature lightweight, yet rugged gas-injected moulded polypropylene cabinet construction. Available in black or white finish the FBT J 8A series speakers modern cabinet appearance provides fixed installations with an elegant design that blends into any decor. The asymmetrical shape of the FBT J 8A cabinet also allows for use as a powered floor stage monitor. The FBT J 8A is of two-way design incorporating an 8" 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 2.5kHz. With a frequency range of 60Hz - 20kHz the FBT J 8A speaker provides high-fidelity sound for both speech and music applications with a maximum SPL of 124dB. A front face steel grille protects the speaker from external damage. The bi-amplified FBT J 8A active speaker features a 200W RMS low-frequency amp and a 50W RMS high-frequency amp. The control panel features a level control, HP filter switch, mic/line selector, preset switch (original, boost) led power on, protection/limiter led indicators, a balanced XLR and Jack IN, and a balanced XLR link out. The two M6 fly points built into the cabinet along with the optional mounting brackets allow the FBT J 8A speaker to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT J 8A to be mounted on speaker stand.

## TECHNICAL SPECIFICATIONS

### GENERAL

Configuration	way	2
Low frequency woofer	inch	8 - 1.7 coil
High frequency driver	inch	1 - 1 coil

### ACOUSTIC SPEC.

Frequency response	(@-6dB)	60Hz - 20kHz
Crossover frequency	kHz	2.5
MAX SPL (cont/peak)	dB	120 / 128
Dispersion	H x V	90° x 60°

### POWER SUPPLY

Power cord	mt ft	5 16.4
AC power requirement	VA	160

### INPUTS & OUTPUTS

Input connectors		XLR - Jack with loop
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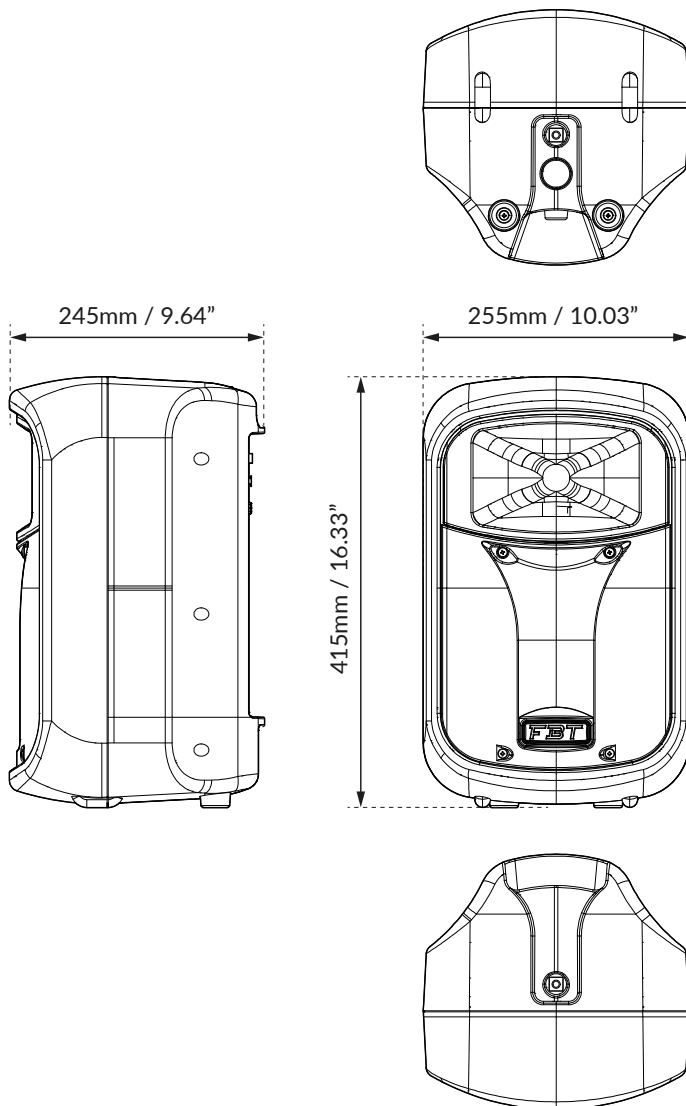
### AMPLIFIER

Built-in amplifier MAX cont	W RMS	150 (LF) / 40 (HF)
Built-in amplifier MAX	W RMS	200 (LF) / 50 (HF)
Built-in amplifier MAX peak	W	400 (LF) / 100 (HF)
Input impedance	kOhm	22

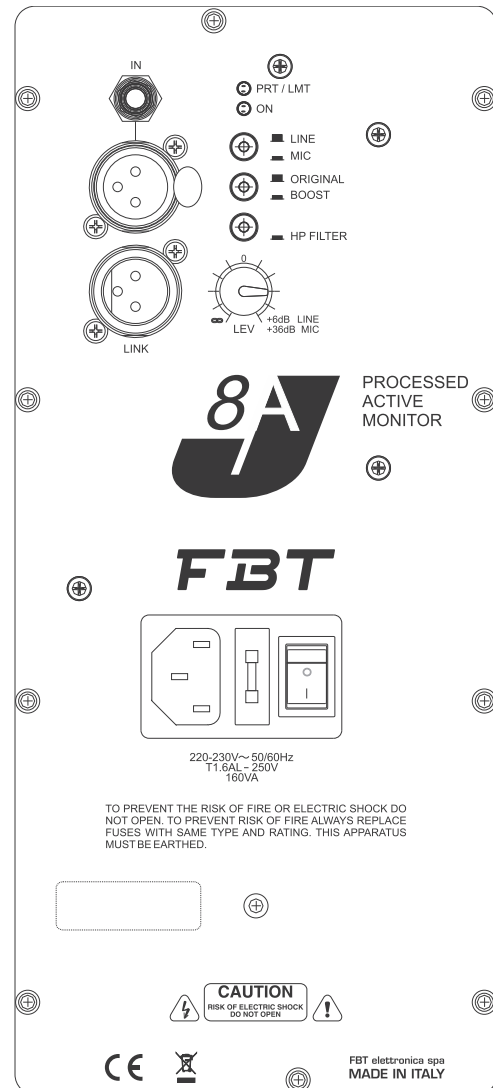
### MECHANICAL SPEC.

Material		Polypropylene
Net dimensions (WxHxD)	mm inch	255 x 415 x 245 10.03 x 16.33 x 9.64
Transport dimensions (WxHxD)	mm inch	340 x 480 x 320 13.39 x 18.90 x 12.60
Net weight	kg lb	8.50 18.73
Transport weight	kg lb	10 22.04

## DIMENSIONAL DRAWING



## CONTROL PANEL



## ACCESSORIES

### SJ-8U

#### Horizontal Wall Bracket

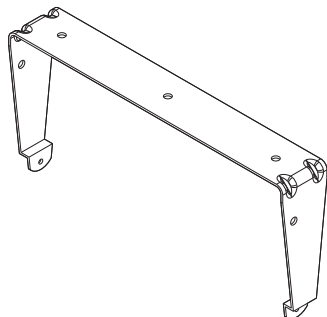
Black code: 18568

White code: 38464

433 x 70 x 200mm

17.04 x 2.75 x 7.87inch

1.20 kg / 2.64 lb



### SJ-8

#### Directional Wall Mount Bracket

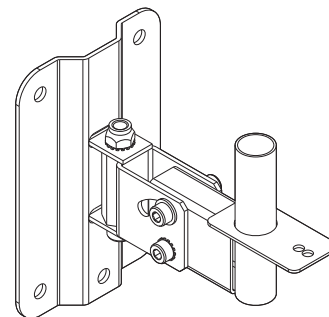
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White code: 39177

198 x 182 x 121mm

7.79 x 7.16 x 4.76inch

1.50 kg / 3.30 lb



### AJ-8

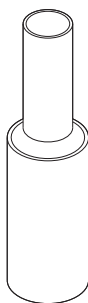
#### Stand Adapter

Code: 18570

ø35mm a ø25mm x 165mm

ø1.37inch to ø0.98inch x 6.49inch

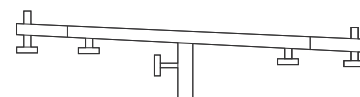
0.30 kg / 0.66 lb



### SJ-8T

#### Adjustable T-Support for Two Speakers

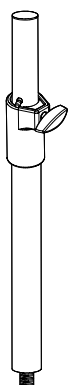
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### MSA 220BKS

#### Adjustable Stand for Sub-Sat Connection

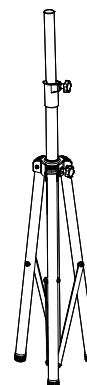
Code: 39330



### MSA 300BK

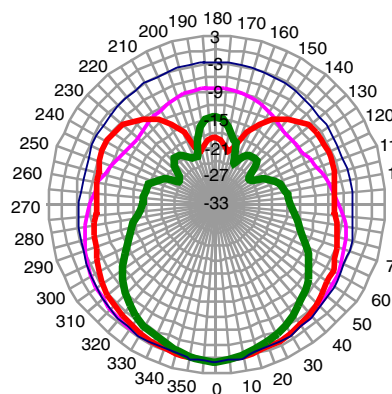
#### Speaker Stand

Code: 39326

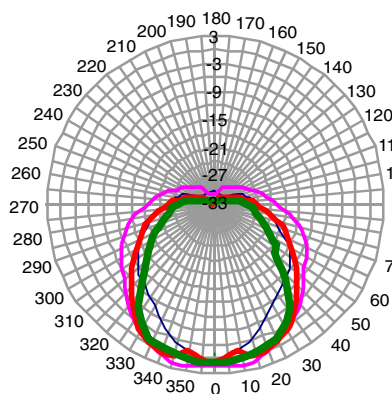


## DIAGRAMS

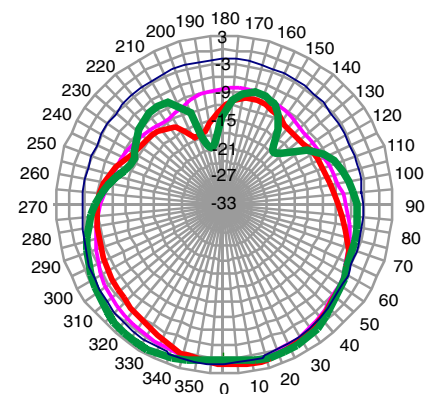
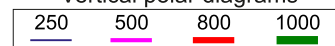
Horizontal polar diagrams



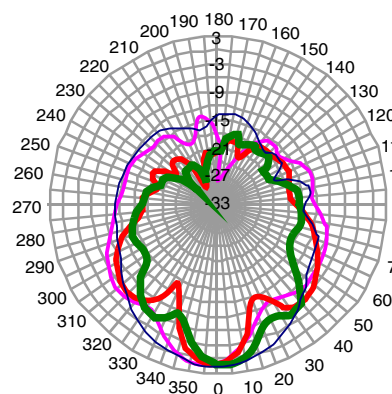
Horizontal polar diagrams



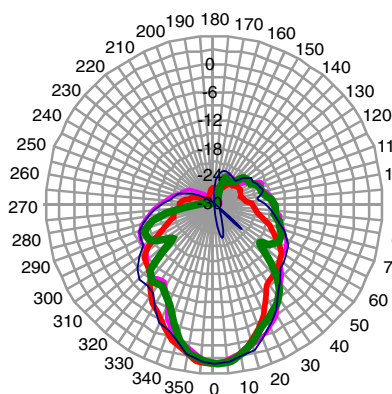
Vertical polar diagrams



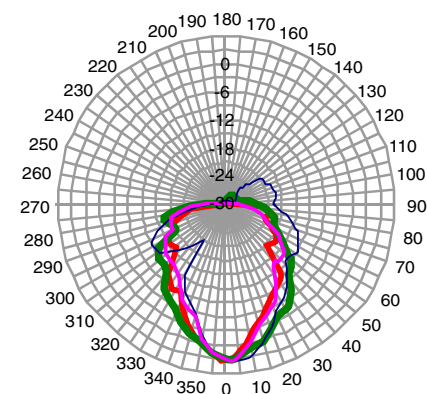
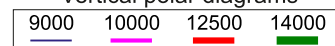
Vertical polar diagrams



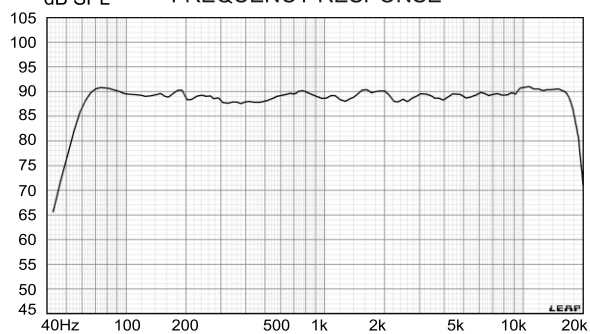
Vertical polar diagrams



Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

