

# 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
- 5" custom woofer with 1" coil
- 1" neodymium silk dome tweeter with 0.75" coil
- 60W/30W built-in amplifier cont. RMS LF/HF
- 80W/40W built-in amplifier max. RMS LF/HF
- 160W/80W built-in amplifier max. peak LF/HF
- 2 x M6 suspension points
- Low-noise toroidal transformer power supply
- Available in black or white colour

## DESCRIPTION

The FBT J 5A series speakers feature lightweight, yet rugged gas-injected molded polypropylene cabinet construction. Available in black or white finish the FBT J 5A series speakers modern cabinet appearance provides fixed installations with an elegant design that blends into any decor. The asymmetrical shape of the FBT J 5A cabinet also allows use as a powered floor stage monitor. The FBT J 5A is of two-way design incorporating a 5" low-frequency woofer and 1" HF custom compression driver coupled to a 90°H x 90°V horn. The active internal crossover is at a fixed frequency of 3.5kHz. With a frequency range of 80Hz - 20kHz the FBT J 5A speaker provides high-fidelity sound for both speech and music applications with a maximum SPL of 117dB. A front face steel grille protects the speaker from external damage. The bi-amplified FBT J 5A active speaker features an 80W RMS low-frequency amp and a 40W RMS high-frequency amp. The control panel features a level control, HP filter switch, mic/line selector, LED power on, protection led indicator, a balanced Neutrik input combo-jack and balanced XLR link out. The two M6 fly points built into the cabinet along with the optional mounting brackets allow the FBT J 5A speaker to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT J 5A to be mounted on the speaker stand.

## TECHNICAL SPECIFICATIONS

### GENERAL

Configuration	way	2
Low frequency woofer	inch	5 - 1 coil
High frequency driver	inch	1 dome - 0.75 coil

### ACOUSTIC SPEC.

Frequency response	(@-6dB)	80Hz - 20kHz
Crossover frequency	kHz	3.5
MAX SPL (cont/peak)	dB	113 / 117
Dispersion	H x V	90° x 90°

### POWER SUPPLY

Power cord	mt ft	5 16.4
AC power requirement	VA	75

### INPUTS & OUTPUTS

Input connectors		XLR - combo with loop
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### AMPLIFIER

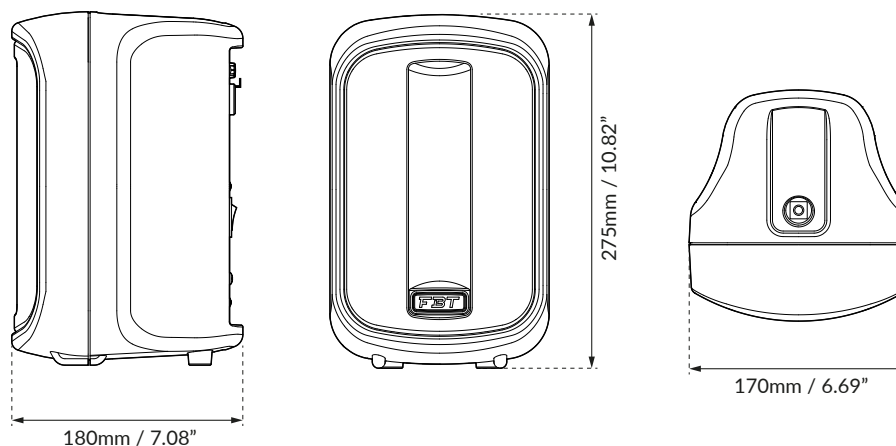
Built-in amplifier MAX cont	W RMS	60 (LF) / 30 (HF)
Built-in amplifier MAX	W RMS	80 (LF) / 40 (HF)
Built-in amplifier MAX peak	W	160 (LF) / 80 (HF)
Input impedance	kOhm	22

### MECHANICAL SPEC.

Material		Polypropylene
Net dimensions (WxHxD)	mm inch	170 x 275 x 180 6.7 x 10.82 x 7.08
Transport dimensions (WxHxD)	mm inch	250 x 355 x 340 9.84 x 13.98 x 13.39
Net weight	kg lb	3.20 7.05
Transport weight	kg lb	4.20 9.25



## DIMENSIONAL DRAWING



## ACCESSORIES

### SJ-5

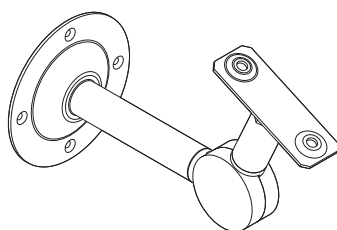
#### Directional Wall Mount Bracket

Black code: 18522

White code: 38321

ø96mm / ø3.77inch

0.60 kg / 1.32 lb



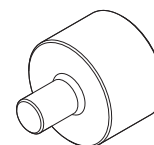
### AJ-5

#### Adapter

Code: 18532

ø18.5mm / ø0.72inch

0.05 kg / 0.11 lb



### SJ-5U

#### Horizontal Wall Bracket

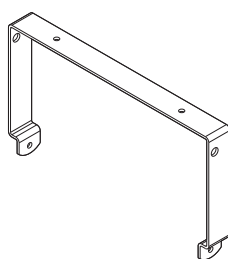
Black code: 18523

White code: 38465

294 x 70 x 165mm

11.57 x 2.75 x 6.49inch

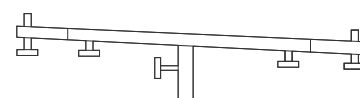
0.40 kg / 0.88 lb



### SJ-5T

#### Adjustable T-Support for Two Speakers

Code: 18527



### SJ-5C

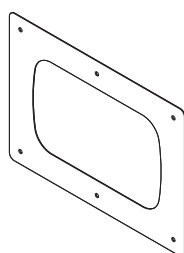
#### Metal Frame For Ceiling Wall

White code: 18526

365 x 266 x 1.2mm

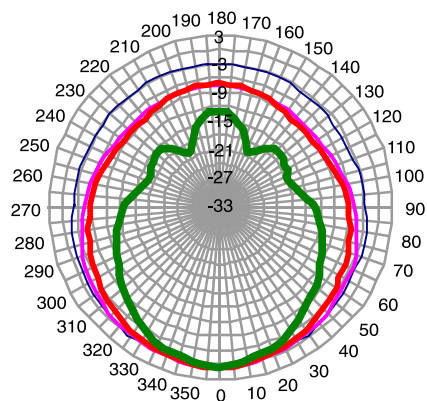
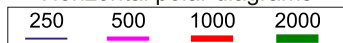
14.38 x 10.47 x 0.04inch

0.50 kg / 1.10 lb

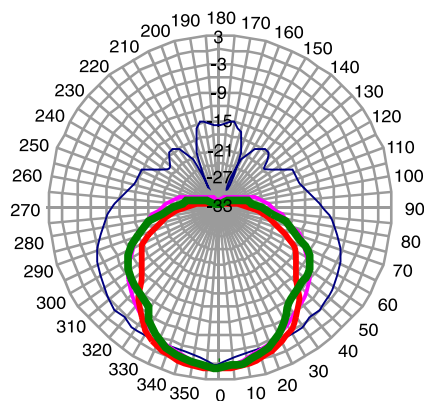
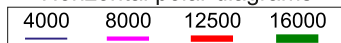


## DIAGRAMS

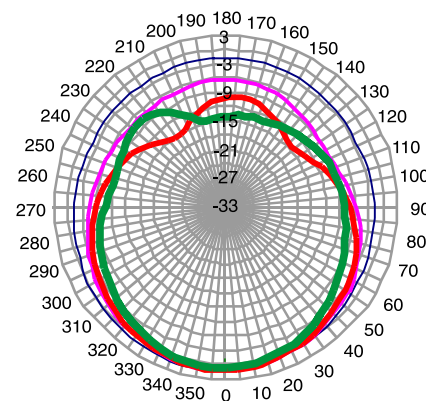
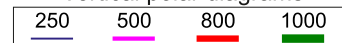
Horizontal polar diagrams



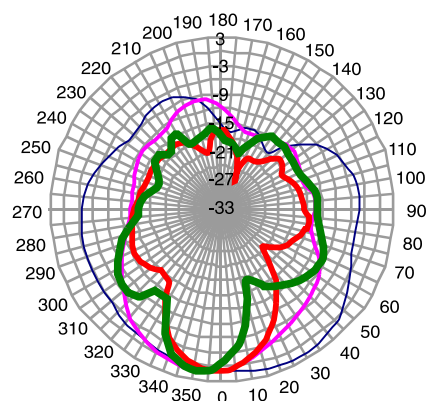
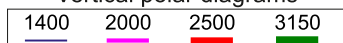
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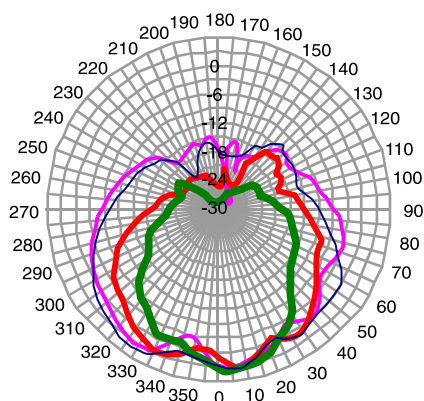
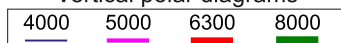
Vertical polar diagrams



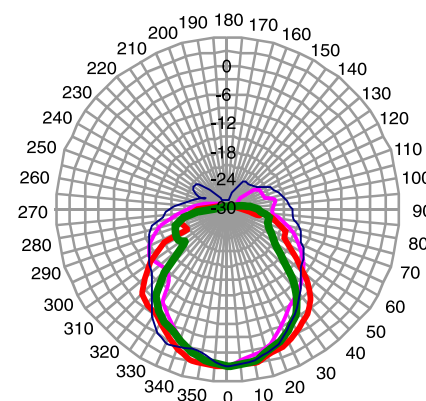
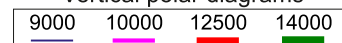
Vertical polar diagrams



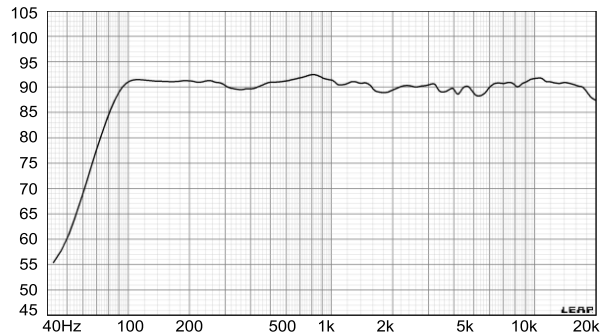
Vertical polar diagrams



Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

