

Sound Reinforcement 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 passive sound reinforcement system
- 5" custom woofer with 1" coil
- 1" neodymium silk dome tweeter with 0.75" coil
- 80W RMS recommended amplifier
- 160W short term power IEC 268-5
- 2 x M6 suspension points
- Internal passive crossover filter
- Input panel with jack and terminal connector
- Available in black or white colour



DESCRIPTION

The FBT J 5 series speakers feature lightweight, yet rugged gas-injected molded polypropylene cabinet construction. Available in black or white finish the FBT J 5 series speakers modern cabinet appearance provides fixed installations with an elegant design that blends into any decor. With the use of optional accessories the FBT J 5 speakers can be mounted on mic stands for many nearfield monitor applications, live sound and as a studio monitor. The FBT J 5 is of two-way design incorporating a 5" low-frequency woofer and 1" HF custom compression driver. Cabinet dispersion is 90°H x 90°V allowing for wide pattern coverage. The internal crossover is at a fixed frequency of 3.5kHz. With a frequency range of 90Hz - 20kHz the FBT J 5 speakers provide 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. Ideal for small fixed installations the FBT J 5 speaker system has an impedance of 16 Ohm allowing four FBT J 5 speakers to be utilized per channel, for a total of eight J 5 speakers when used with a stereo power amplifier capable of operating at 2 Ohm. The two M6 fly points built into the cabinets along with the optional mounting brackets allow the FBT J 5 speakers to be surface mounted on walls or ceiling. For portable or fixed use the FBT J 5 speakers can be mounted on mic stands by using the optional adapters for vertical mounting. Rear panel connections feature both a female 1/4" input jack and push pin terminal connectors which are internally connected in parallel providing various wiring options for the installer.

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)	90Hz - 20kHz
Crossover frequency	kHz	3.5
Sensitivity (@1W, 1m)	dB	94
MAX SPL (cont/peak)	dB	113 / 117
Dispersion	H x V	90° x 90°
Recommended HP filter	Hz - dB/oct.	80 - 24

INPUTS & OUTPUTS

Input connectors	Jack + terminal strip
------------------	-----------------------

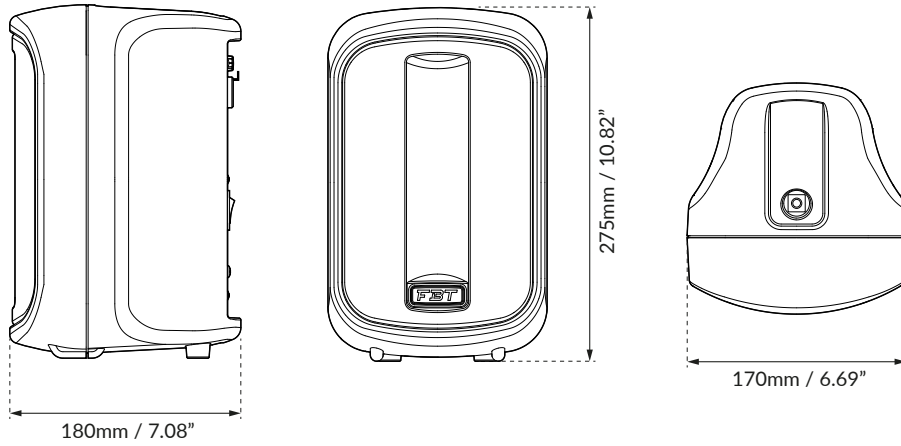
AMPLIFIER

Recommended amplifier	W RMS	80
Long term power	W	40
Short term power (IEC 268-5)	W	160
Nominal impedance	Ohm	16

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	2.30 5.07
Transport weight	kg lb	2.90 6.39

DIMENSIONAL DRAWING

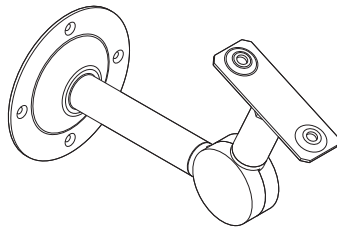


ACCESSORIES

SJ-5

Directional Wall Mount Bracket
 Black code: 18522
 White code: 38321

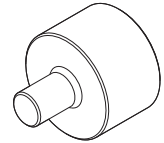
ø96mm / ø3.77inch
 0.60 kg / 1.32 lb



AJ-5

Adapter
 Code: 18532

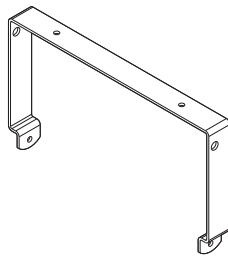
ø18.5mm / ø0.72inch
 0.05 kg / 0.11 lb



SJ-5U

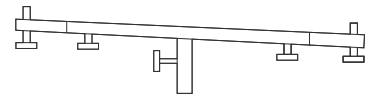
Horizontal Wall Bracket
 Black code: 18523
 White code: 38465

294 x 70 x 165mm
 11.57 x 2.75 x 6.49inch
 0.40 kg / 0.88 lb



SJ-5T

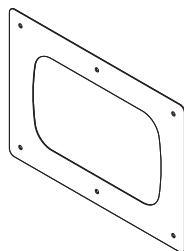
Adjustable T-Support for Two Speakers
 Code: 18527



SJ-5C

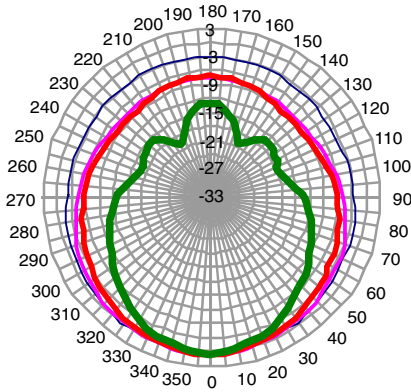
Metal Frame For Ceiling Wall
 White code: 18526

365 x 266 x 1.2mm
 14.38 x 10.47 x 0.04inch
 0.50 kg / 1.10 lb

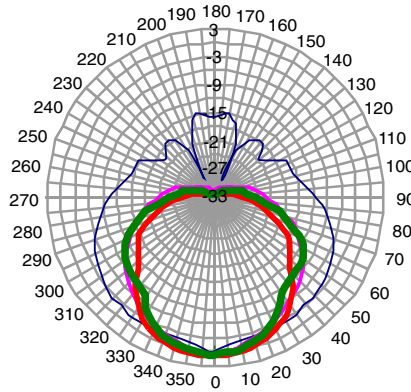


DIAGRAMS

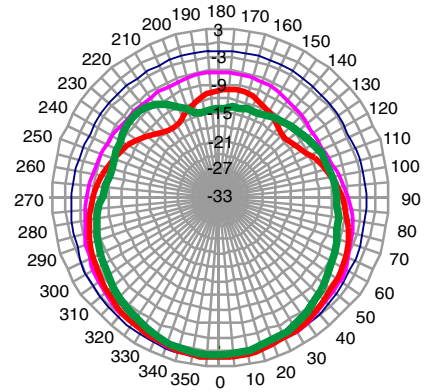
Horizontal polar diagrams
250 500 1000 2000



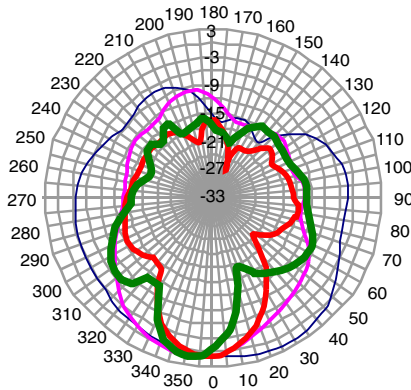
Horizontal polar diagrams
4000 8000 12500 16000



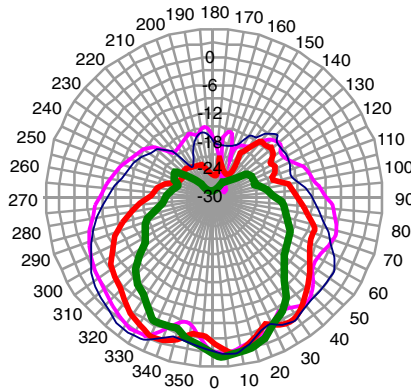
Vertical polar diagrams
250 500 800 1000



Vertical polar diagrams
1400 2000 2500 3150



Vertical polar diagrams
4000 5000 6300 8000



Vertical polar diagrams
9000 10000 12500 14000

