

Sound Reinforcement Monitor

MAIN APPLICATIONS

- Houses of Worship
- School & corporate audio visual sound reinforcement
- Background music announcement: restaurants, pubs
- Transportation terminals
- Clubs
- Auditoriums
- Theatres

MAIN FEATURES

- 2-way passive sound reinforcement system
- 5" custom woofer with 1" coil
- 1" neodymium silk dome tweeter with 0.75" coil
- 50W (70/100V) RMS recommended amplifier
- 25W long term power
- 100W short term power IEC 268-5
- 2 x M6 suspension points
- Input panel with jack and terminal connector
- Available in black or white colour

DESCRIPTION

The FBT J 5T series speakers feature lightweight, yet rugged gas-injected molded polypropylene cabinet construction. Available in black or white finish the FBT J 5T 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 5T speakers can be mounted on mic stands for many nearfield monitor applications, live sound and as a studio monitor. The FBT J5 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 5T speakers provide high-fidelity sound for both speech and music applications with a maximum SPL of 114dB. A front face steel grille protects the speaker from external damage. Ideal for fixed installations where numerous speakers are required, the FBT J 5T have a switchable 70V/100V transformer with selectable power taps at 50W, 25W, 12.5W and 3W, by the means of a 4-position rotary switch on the rear of the speaker cabinet. The two M6 fly points built into the cabinets along with the optional mounting brackets allow the FBT J 5T speakers to be surface mounted on walls or ceiling. For portable or fixed use the FBT J 5T speakers can be mounted on mic stands by using the optional adapters for vertical mounting. Rear panel connections feature push pin terminal strips for bare wire connection.

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	93
MAX SPL (cont/peak)	dB	111 / 114
Dispersion	H x V	90° x 90°
Recommended HP filter	Hz - dB /oct.	80 - 24

INPUTS & OUTPUTS

Input connectors		Terminal strip
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AMPLIFIER

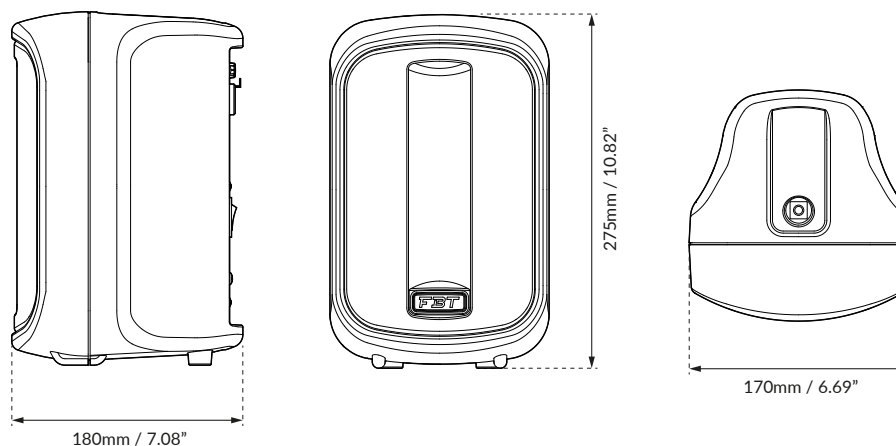
Recommended amplifier	W RMS	50 (70V / 100V)
Long term power	W	25
Short term power (IEC 268-5)	W	100
Nominal impedance	Ohm	16

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	3.20 7.05
Transport weight	kg lb	3.70 8.15



DIMENSIONAL DRAWING



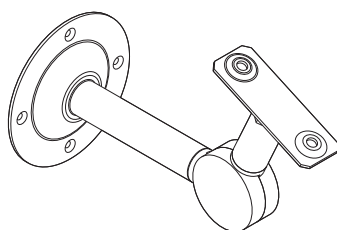
ACCESSORIES

SJ-5

Directional Wall Mount Bracket

Black code: 18522
White code: 38321

ø96mm / ø3.77inch
0.60 kg / 1.32 lb

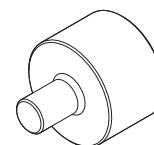


AJ-5

Adapter

Code: 18532

ø18.5mm / ø0.72inch
0.05 kg / 0.11 lb

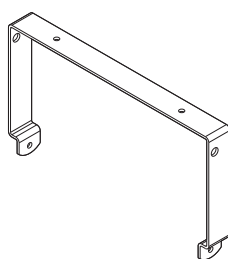


SJ-5U

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

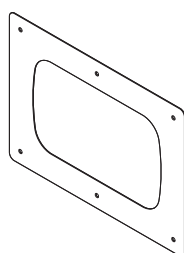


SJ-5C

Metal Frame For Ceiling Wall

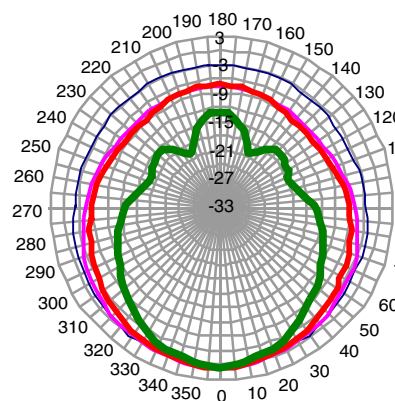
White code: 18526

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

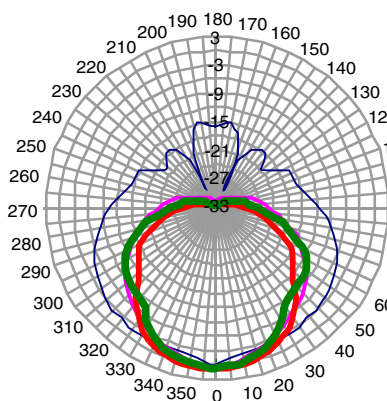


DIAGRAMS

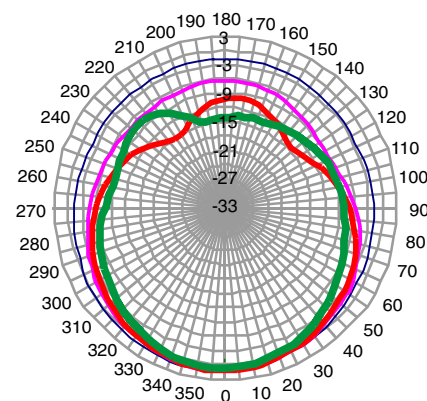
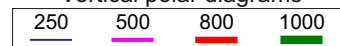
Horizontal polar diagrams



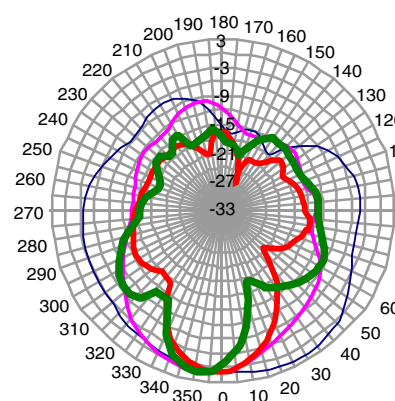
Horizontal polar diagrams



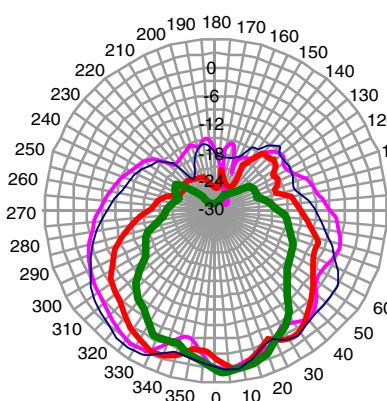
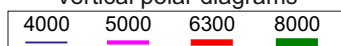
Vertical polar diagrams



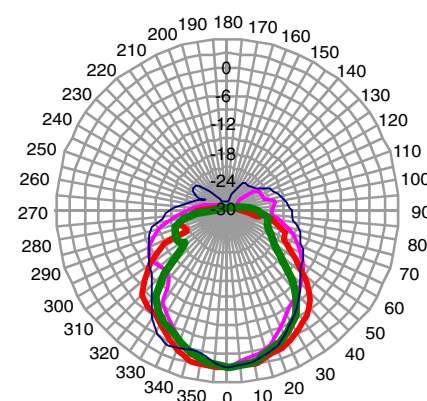
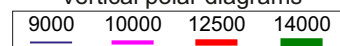
Vertical polar diagrams



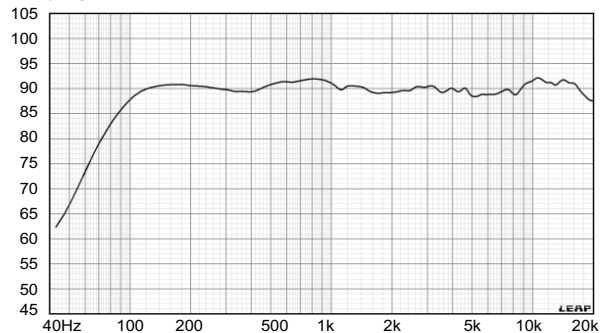
Vertical polar diagrams



Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

