



## Speaker Systems

### APPLICATIONS


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

### KEY FEATURES

- 2-way passive sound reinforcement system
- Polypropylene enclosure
- 1 x 5" custom woofer
- 1 x 1" neodymium silk dome tweeter
- 50W (70/100V) RMS recommended amplifier
- 25W long term power
- 100W short term power IEC 268-5
- 2 x M6 suspension points
- Internal passive crossover filter
- Input panel with jack and terminal connector
- Available in white color
- Completely manufactured in Italy



Designed, Engineered  
and Manufactured in ITALY



### PRODUCT DESCRIPTION

The FBT J5T series speakers feature lightweight, yet rugged gas injected molded polypropylene cabinet construction. Available in black or white finish the FBT J5T 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 J5T 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 an 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 J5T 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 J5T have a switchable 70V/100V transformer with selectable power taps at 50W, 25W, 12.5W, 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 J5T speakers to be surface mounted on walls or ceiling. For portable or fixed use the FBT J5T 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.

### ELECTRONIC SPECIFICATIONS

System Type	2 Way
Recommended Amplifier	50W RMS (70/100V)
Long Term Power	25W
Short Term Power (IEC 268-5)	100W
Nominal Impedance	16 Ohm
Frequency Response	90Hz - 20kHz (@-6dB)
Sensitivity	91dB (@1W, 1m)
Max SPL (cont/peak) (bi-amp)*	111dB / 114dB
Dispersion	90° H x 90°V
Crossover Frequency	3.5kHz
Recommended HP Filter	80Hz - 24dB oct.

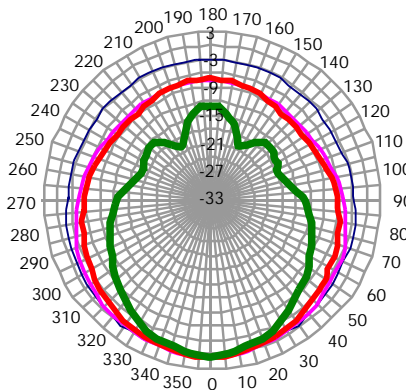
### PHYSICAL SPECIFICATIONS

Low Frequency Woofer	5" / 1" coil
High Frequency Driver	1" dome / 0.75" coil
Input Connectors	Push pin terminal strip
Net Dimensions (WxHxD) inch	6.69 x 10.82 x 7.08
Shipping Dimensions (WxHxD) inch	9.44 x 13.58 x 9.25
Net Weight	7.49 lbs
Shipping Weight	9.25 lbs
Enclosure Material	polypropylene
Grille	Steel with powder coat black or white paint finish

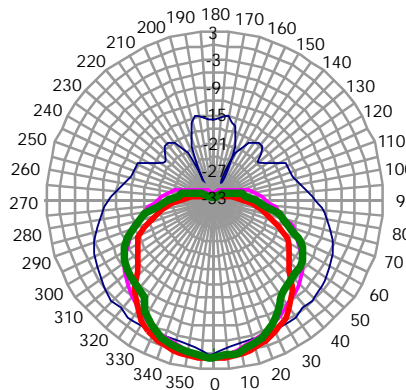
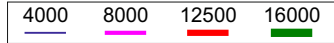
\* CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average  
PEAK SPL: free space, based on short term applicable power rating and system peak sensitivity, 10mS time average

## DIAGRAMS

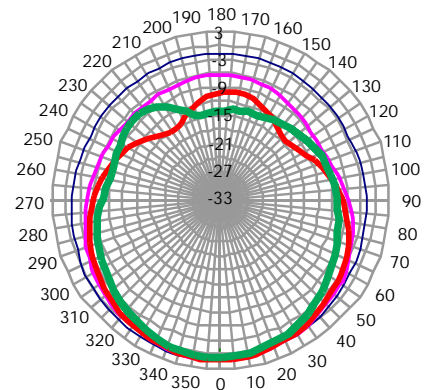
Horizontal polar diagrams



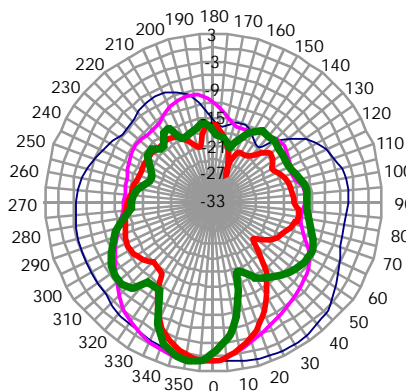
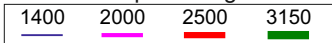
Horizontal polar diagrams



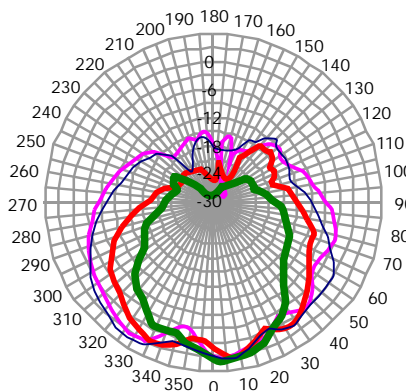
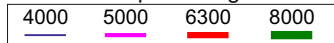
Vertical polar diagrams



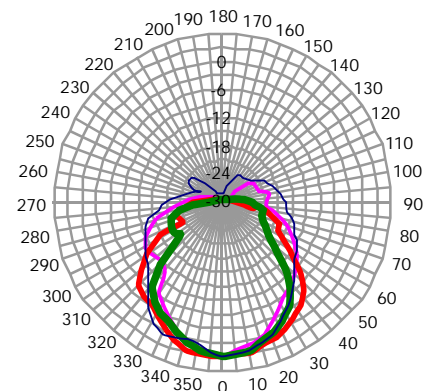
Vertical polar diagrams



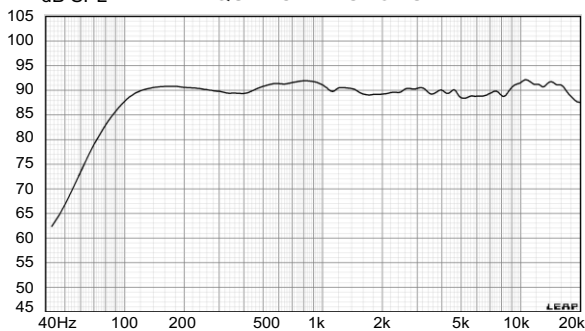
Vertical polar diagrams



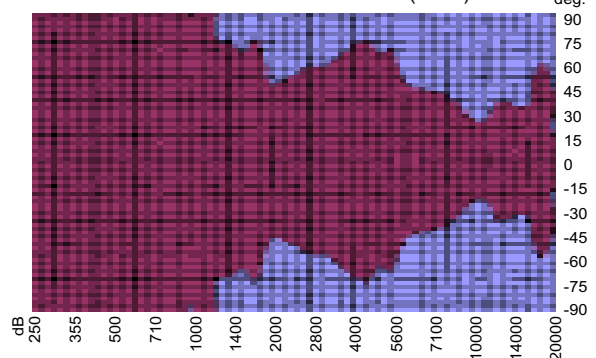
Vertical polar diagrams



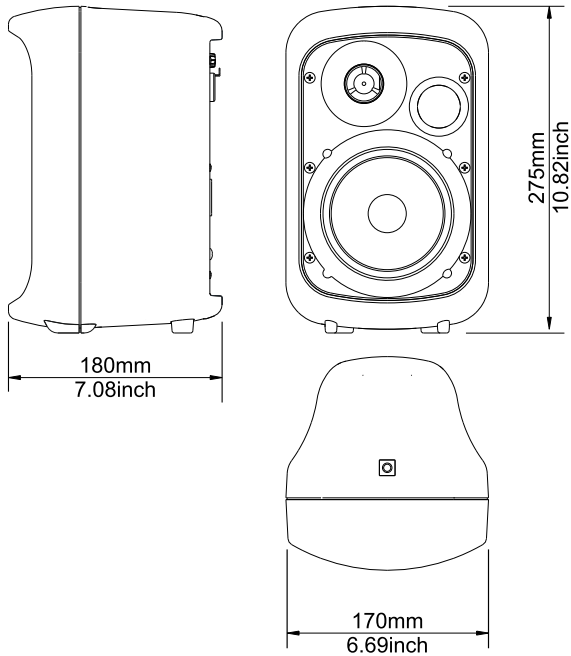
dB SPL FREQUENCY RESPONSE



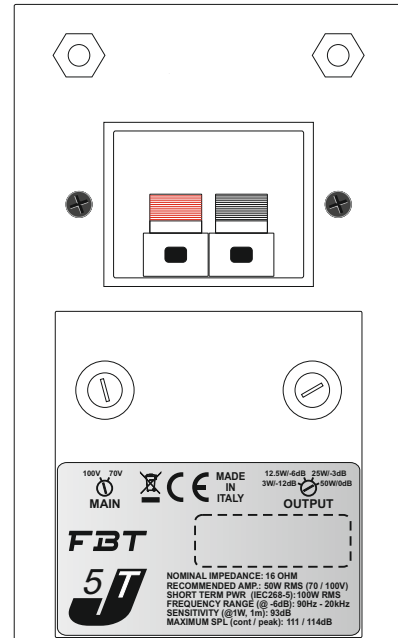
HORIZONTAL BEAMWIDTH (-6dB)



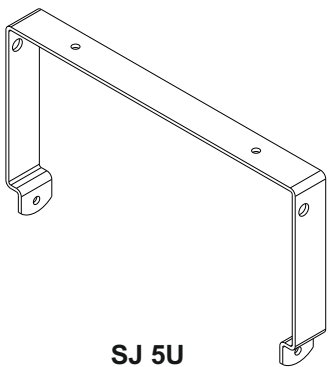
### DIMENSIONAL DRAWINGS



### CONTROL PANEL

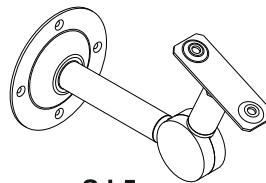


### ACCESSORIES



**SJ 5U**

Wall metal bracket to mount in horizontal



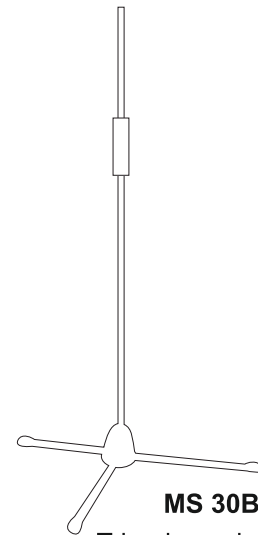
**SJ 5**

Directional wall mount bracket



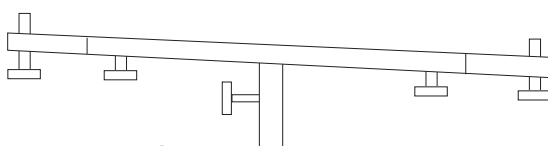
**AJ 5**

MS 30BK adapter for fixing purposes



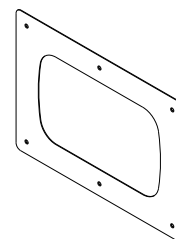
**MS 30BK**

Tripod speaker stand



**SJ 5T**

Adjustable metal "T" stand for No.2 box



**SJ 5C**

Metal frame for ceiling/wall installation