FBT jolly 5ba

PROCESSED ACTIVE MONITOR

APPLICATIONS

- Houses of Worship
- School & Corporate Audio Visual Sound Reinforcement
- Background Music/Announcement: Restaurants, Pubs
- Transportation Terminals, Clubs, Auditoriums, Theatres
- Self Powered Live Sound Monitoring of Mini P.A. System

FEATURES

- Lightweight Polypropylene Cabinet, 8 lbs
- Bi amplified 70W RMS LF & 20W RMS class G amp
- 5" low frequency woofer with 1" voice coil
- 1" dome tweeter
- Control Panel with Volume control, 2 band EQ., Mic/Line switch, Ground lift switch, Balanced Neutrik combo input jack: female XLR, 1/4" TRS, Balanced Neutrik XLR link out jack
- Multiple mounting options: "surface mountable on wall, ceiling, mountable on tripod microphone stand for near field monitoring use"
- Two M6 fly points
- Optional Carrying Bags available for protection for portable use
- Available in black or white finish
- High SPL capability: 114dB
- Completely Manufactured in Italy

PRODUCT DESCRIPTION

The FBT JOLLY series speakers feature lightweight, yet rugged gas injected molded polypropylene cabinet construction. Available in a black or white finish The FBT JOLLY 5BA 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 JOLLY 5BA speakers can be mounted on mic stands for many near field monitor applications, live sound and as a studio monitor. The FBT JOLLY 5BA is of two-way design incorporating an 5" low frequency woofer and a 1" mylar diaphram dome tweeter. Cabinet dispersion is 90°H x 90°V allowing for wide pattern coverage. The active internal crossover is at a fixed frequency of 2.7k. With a frequency range of 80Hz-20kHz the JOLLY 5BA speakers provide hi 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. FBT's A.D.A.P. Advanced Dynamic Active Protection circuitry protects speaker/driver components against failure. The bi amplified FBT JOLLY 5BA active speakers feature a 70W RMS class AB low frequency amp and a 20 W RMS class AB high frequency amp. The control panel features a volume control, 2 band EQ with ±15dB of cut-boost @80 Hz LF and ±15dB cut-boost @10kHz HF, a balanced Neutrik input combo jack, balanced XLR link output jack, microphone/line input switch, ground lift switch, led power and limiter led indicator. The two M6 fly points built into the cabinets along with the optional mounting brackets allow the FBT JOLLY 5BA speakers to be surface mounted on walls or ceiling. For portable or fixed use the FBT JOLLY 5BA speakers can be mounted on mic stands by using the optional adapters for vertical mounting.

ELECTRICAL PERFORMANCE

System Type:		2 Way
Internal Amplifiers*	cont.:	60W+20W RMS
	max.:	70W+20W RMS
	max. peak:	140W+40W RMS
Low Frequency Woofer		5" - 1" coil
High Frequency Driver		1 x tweeter - 1" coil
Frequency Response @ -6dB		80Hz - 20kHz
Input Impedance		22kOhm
Maximum SPL (continuous/peak)**		111/114dB
Dispersion		90°H x 90°V
Crossover Frequency		active 2.7kHz
AC Power Requirement (continuous/peak)		60/120VA

PHYSICAL

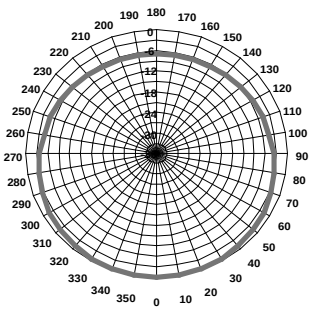
Input Connectors	Balanced Neutrik Combo jack, XLR, 1/4" TRS
Net Dimensions (WxHxD)	6.7" x 10.9" x 7.1"
Shipping Dimensions (WxHxD)	9.4" x 13.6 x 9.2"
Net Weight	7.72 lbs
Shipping Weight	8.82 lbs
Enclosure Material	Polypropylene
Grille	Steel with powder coat black paint finish
Suspension Points	2 x M6
Power Supply Cable	197 inch

* CONT. : 500ms burst, rms power on nominal speaker impedance
MAX: 2ms burst, rms power on nominal speaker impedance
MAX PEAK: based on max peak output voltage and nominal speaker impedance

** CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: free space, based on max. peak power amp rating and system peak sensitivity, 10mS time average

HORIZONTAL POLAR DIAGRAM (Hz)

250



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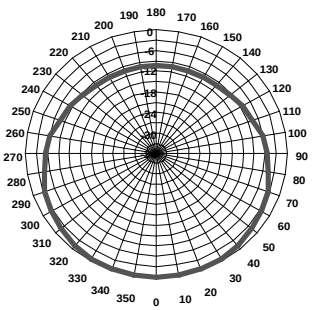

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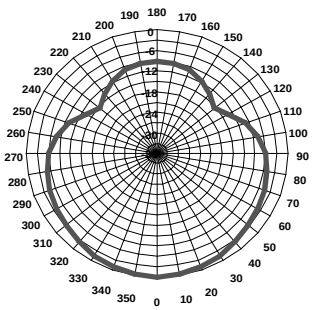

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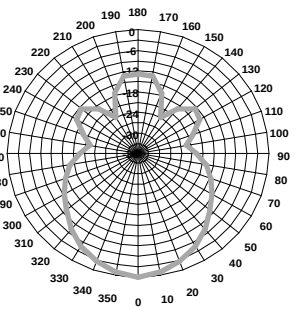

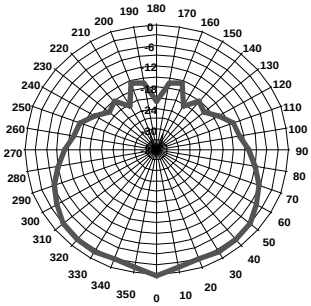

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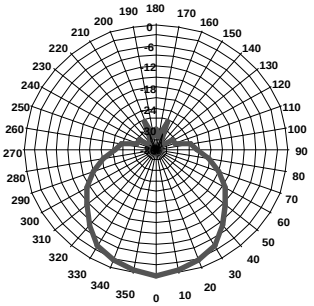

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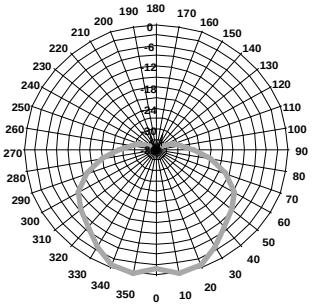

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VERTICAL POLAR DIAGRAM

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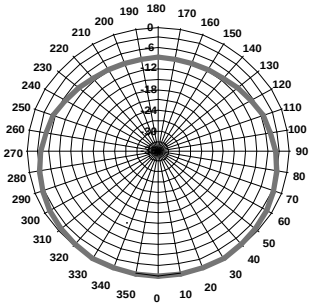

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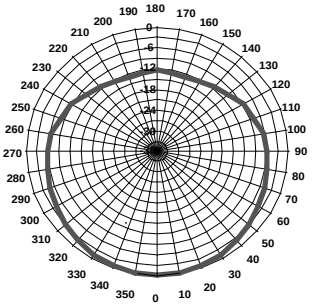

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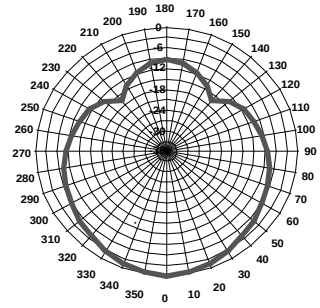

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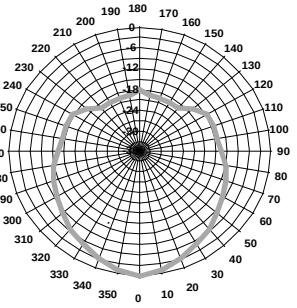

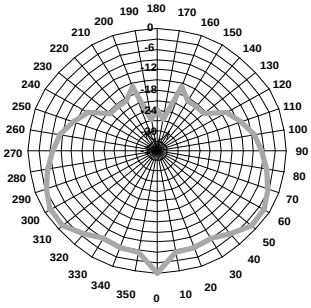

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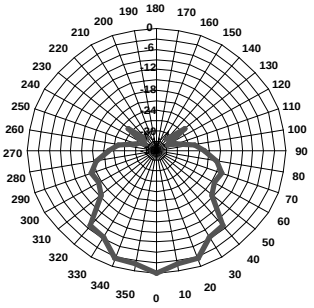

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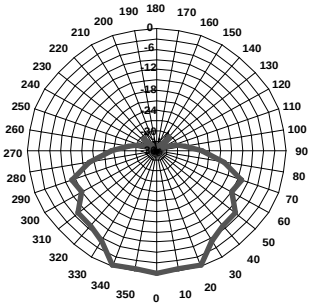

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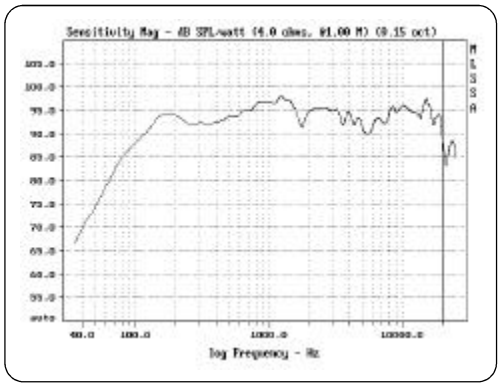
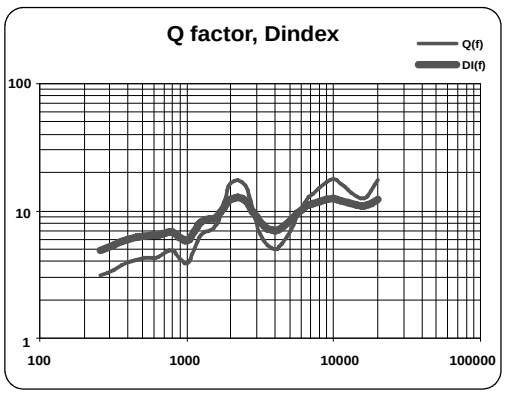
FREQUENCY RESPONSE

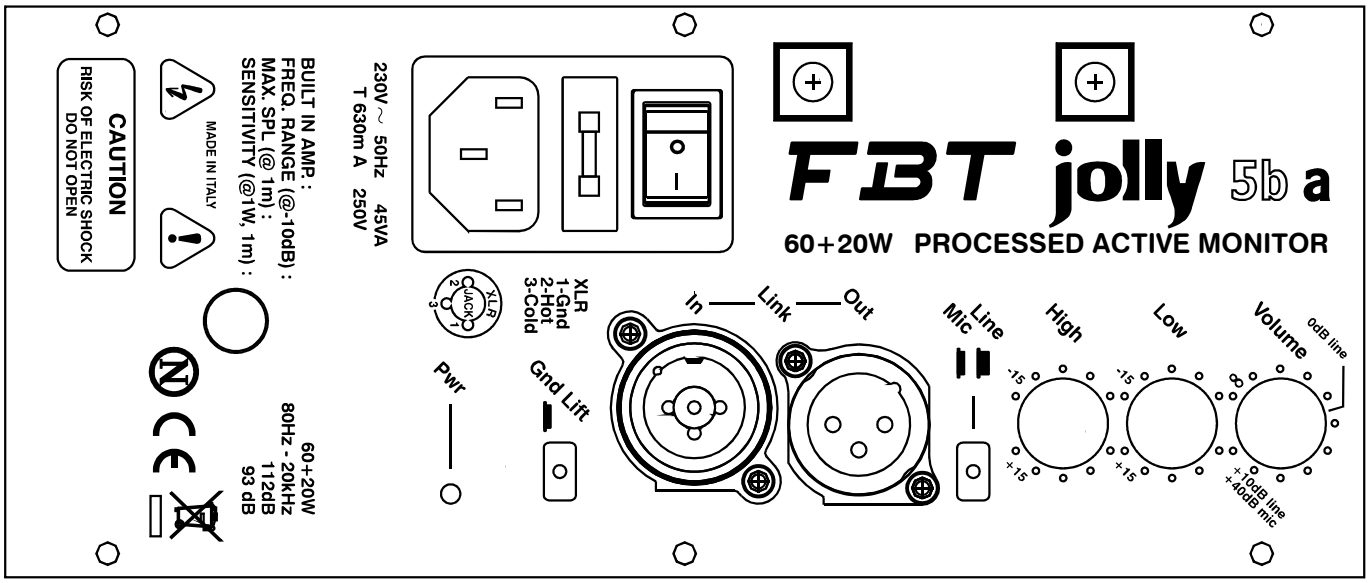




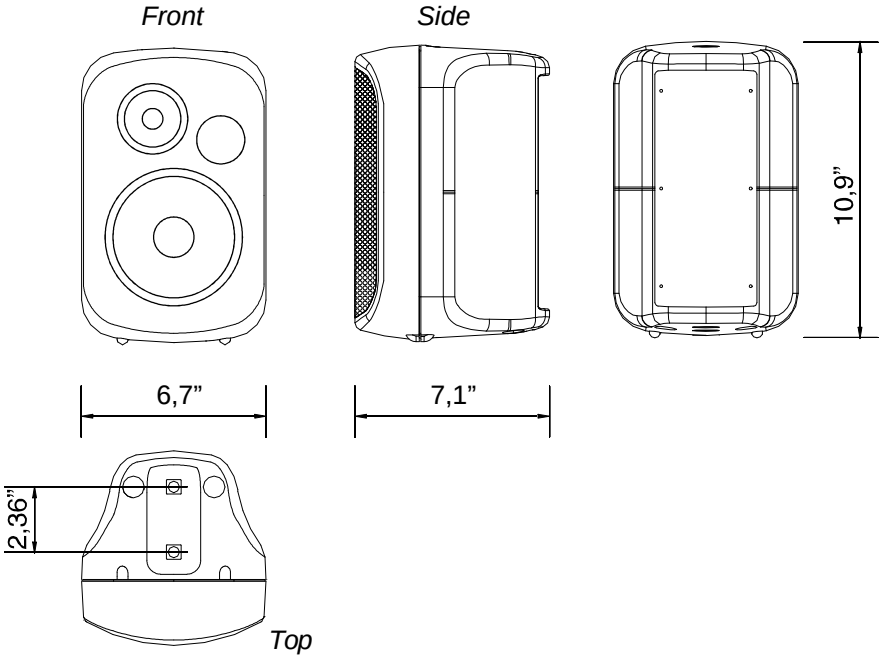
FBT jolly 5b a

PROCESSED ACTIVE MONITOR

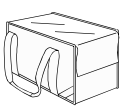
CONTROL PANEL



DIMENSION DRAWING

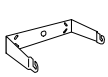


ACCESSORIES



V36

Nylon bag x 2 pcs

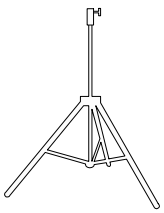


SJ5U-SJ5UW

Mount for horizontal wall installation

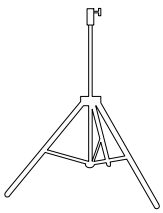
A/J5

MS 30BK adapter



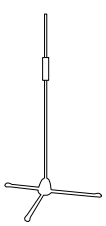
BOX 32BK

Adjustable aluminium oor stand, damped safety mechanism. Max weight 70 kg (154 Lb)



BOX 22BK

Adjustable aluminium oor stand ø 35mm (1.38”) with ø 25mm (1”) adapter Max weight 40 kg (88 Lb)



MS 30BK

Adjustable metal oor stand

BOX 52BK

Adjustable, for subsatellite speaker connection, with safety locking device ø 35mm (1,38”)

SJ5T

Adjustable T-shaped support for 2 speaker cabinets