



MITUS

152A

APPLICATIONS

- Live sound PA system or Live sound monitor, DJ system
- School and corporate audio visual sound reinforcement
- Background music/announcement: Restaurants, Pubs
- Transportation terminals, Clubs, Auditorium, Theatres
- Gyms, Houses of worship

FEATURES

- 15mm / 0.59" baltic birch plywood cabinet
- Class D built-in amplifier 1100W RMS LF, 250W RMS HF
- 15" B&C neodymium woofer with 3" voice coil
- 2" exit B&C neodymium HF driver with 2.5" voice coil
- 60° H x 40° V rotatable horn
- Input panel with XLR in&link, Volume, Preset, Delay, HP filter, 3 status led (on, peak, lmt/prt)
- SPL capability: 136dB
- Frequency response 45Hz to 20kHz
- 12 x M10 fly points
- Completely Manufactured in Italy

PROCESSED ACTIVE SPEAKER



PRODUCT DESCRIPTION

The FBT MITUS 152A two-way bi-amplified speaker system shall incorporate 1 x 15" B&C neodymium woofer with 3" voice coil and 2" exit B&C neodymium driver with 2.5" voice coil coupled to a rotatable 60° x 40° horn; thanks to the rotatable HF horn it is possible to create horizontal arrays of 2 enclosures for a total coverage of 100°. The FBT MITUS 152A shall meet the following performance criteria: Frequency response of 45Hz to 20kHz, Maximum SPL of 136dB, 1100W RMS + 250W RMS class D amplifiers. The FBT MITUS 152A provides a DSP with 6 EQ presets. The FBT MITUS 152A feature 0.59" baltic birch plywood construction covered in a scratch & scuff resistant black finish; the front shall be protected by a heavy duty metal grille with anti-resonance spacers and exclusive synthetic cloth to protect the drivers. The control panel provides XLR input & link, level, preset, delay, HP filter. The 12 M10 anchoring points built into the cabinet allow the FBT MITUS 152A speaker to be surface mounted on ceilings and a standard 1.38" speaker stand socket allows the FBT MITUS 152A to be mounted on speaker stands.

ELECTRICAL PERFORMANCE

System Type	2-way - bi-amplified
Built-in Amplifiers LF / HF *	cont.: 700W RMS / 200W RMS max.: 1100W RMS / 250W RMS peak.: 2200W / 500W
Frequency Response @ -6dB	45Hz - 20kHz
Input Impedance	22kOhm
Maximum SPL (cont. / peak) **	129dB / 136dB
Dispersion	60° H x 40° V
Crossover Frequency	1.2 kHz
AC Power requirement	800 VA

PHYSICAL

Low Frequency Woofer	1 x 15" - 3" coil
High Frequency Driver	1 x 2" - 2.5" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	16.7" x 31.7" x 16.6"
	425 x 805 x 421mm
Shipping Dimensions (WxHxD)	21.6" x 36" x 22"
	550 x 915 x 560mm
Net Weight	80.46 lbs / 36.5 kg
Shipping Weight	127.86 lbs / 42.5 kg
Enclosure Material	birch plywood
Power cord	16.4 ft./5 mt.

* CONT.: 500mS, 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

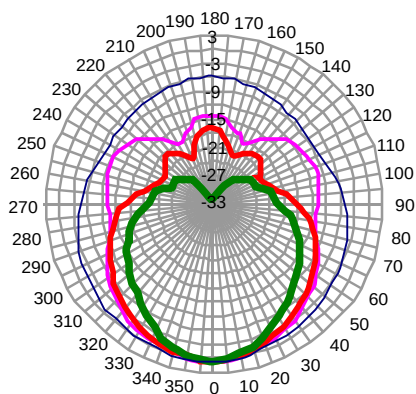
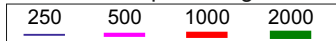
** CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: free space, based on max peak power amp rating and system peak sensitivity, 10mS time average



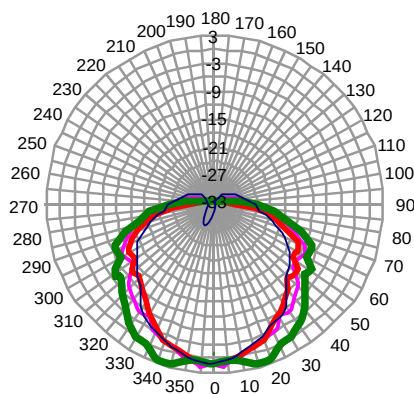
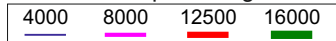
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DIAGRAMS

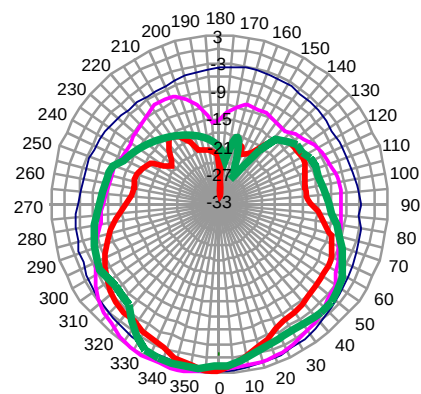
Horizontal polar diagrams



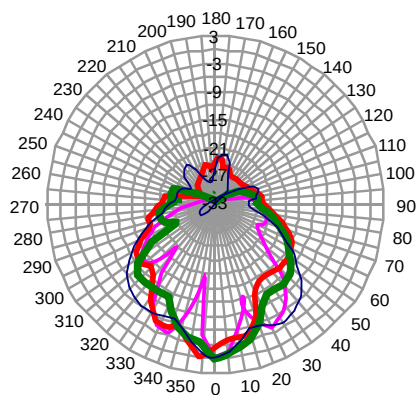
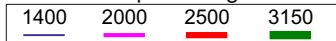
Horizontal polar diagrams



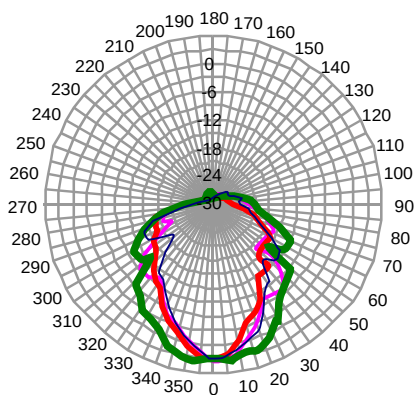
Vertical polar diagrams



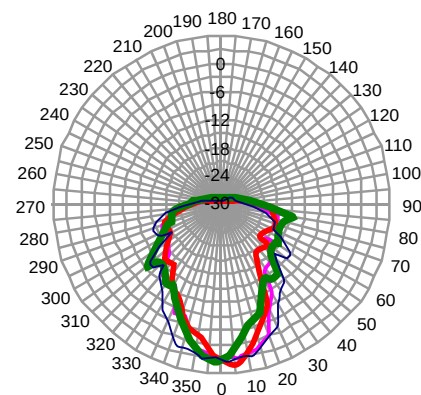
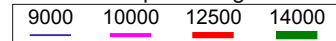
Vertical polar diagrams



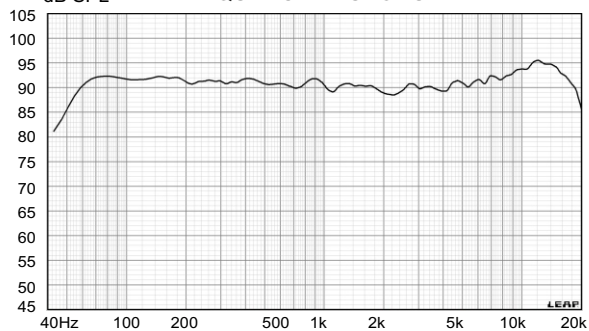
Vertical polar diagrams



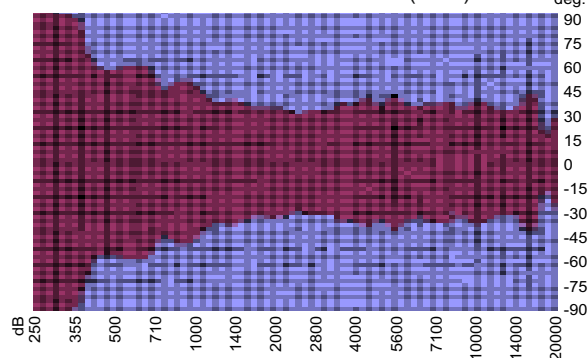
Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

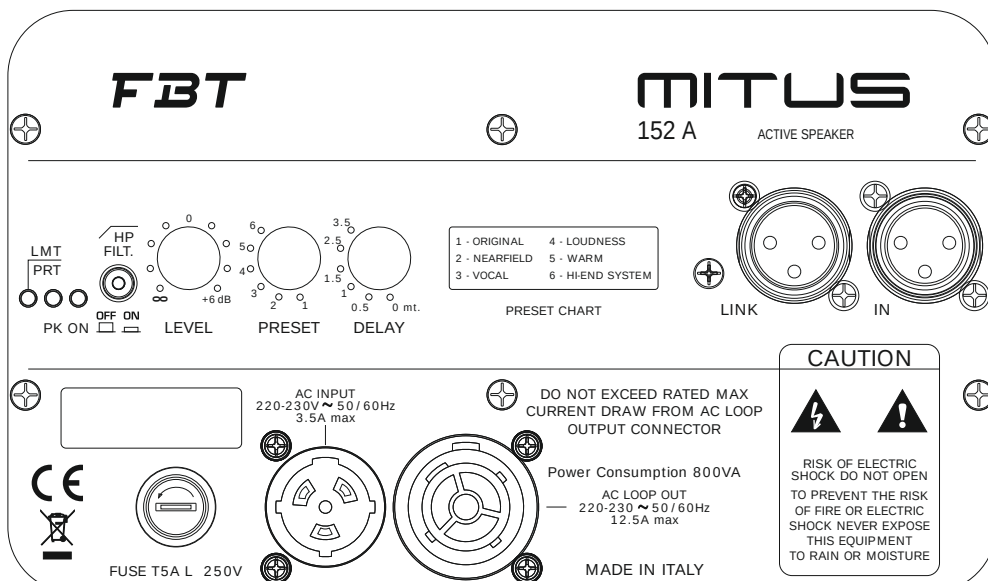




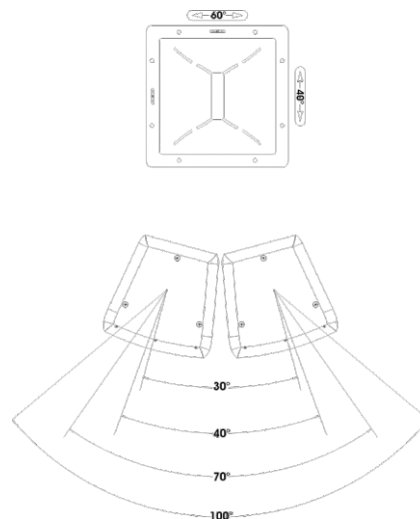
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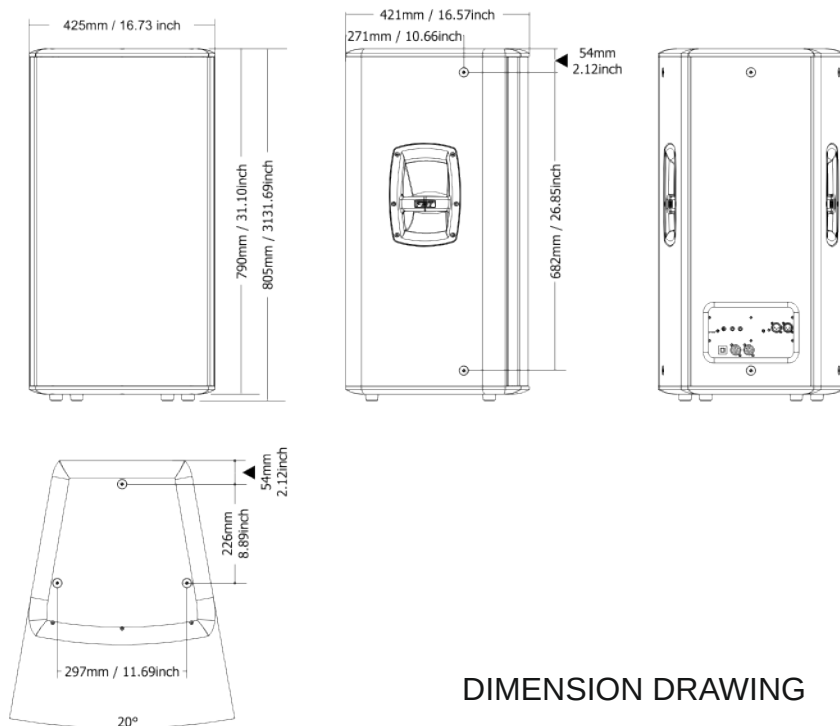
CONNECTION PANEL



ROTATABLE HORN



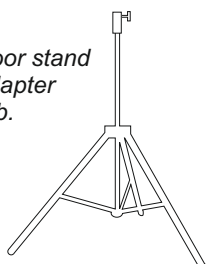
DIMENSION DRAWING



ACCESSORIES

KMS 325

Adjustable aluminum floor stand
Ø 1.38" with Ø 1" adapter
max. weight 88lb.



FMS 220

Adjustable for sub-satellite
speaker connection with
safety locking device Ø 1.38" M20



KMS 300

Adjustable aluminum floor stand
damped safety mechanism
max. weight 154lb.

