



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

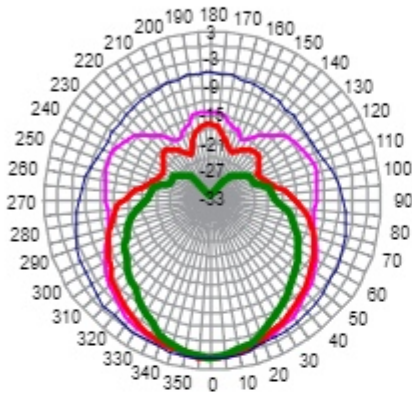
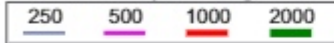
Low Frequency Woofer	1 x 15" - 3" coil
High Frequency Driver	1 x 2" - 2.5" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	16.7" x 31.7" x 16.6"
	425 x 805 x 421mm
Shipping Dimensions (WxHxD)	21.6" x 36" x 22"
	550 x 915 x 560mm
Net Weight	80.46 lbs / 36.5 kg
Shipping Weight	127.86 lbs / 42.5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

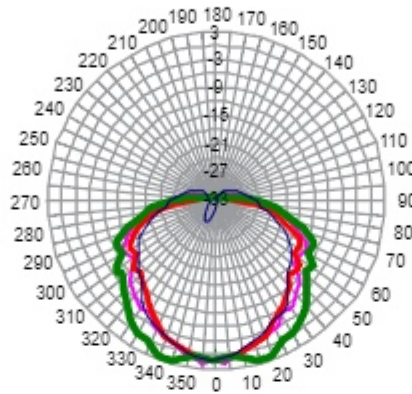
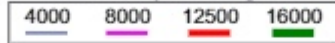
** CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: free space, based on max peak power amp rating and system peak sensitivity, 10mS time average

DIAGRAMS

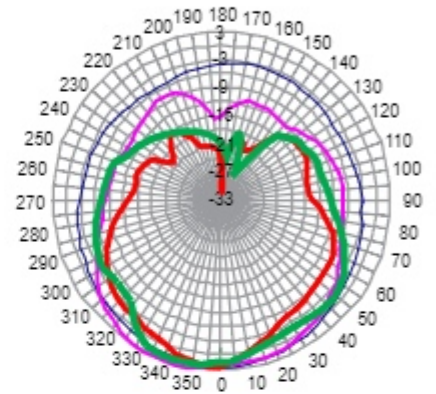
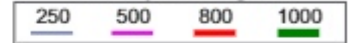
Horizontal polar diagrams



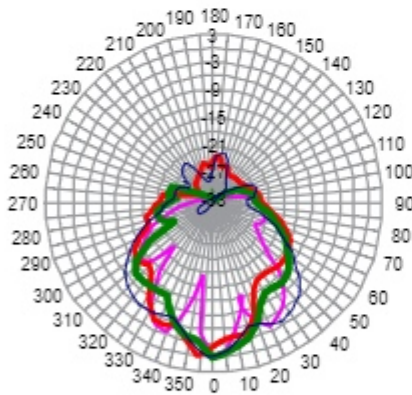
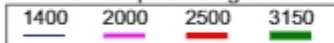
Horizontal polar diagrams



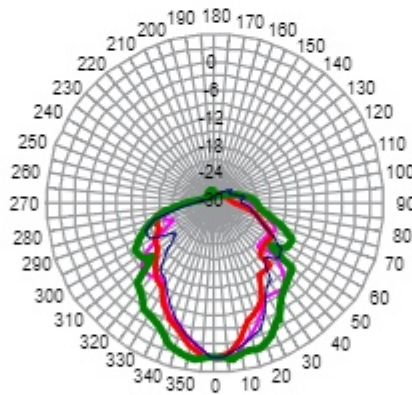
Vertical polar diagrams



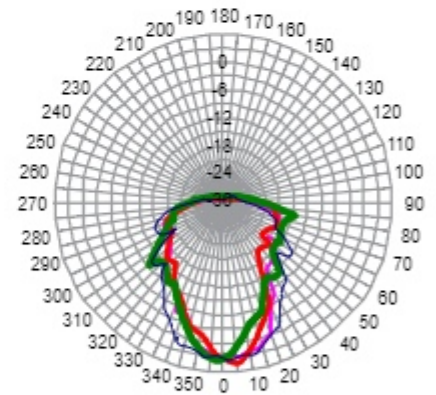
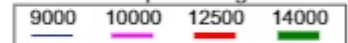
Vertical polar diagrams



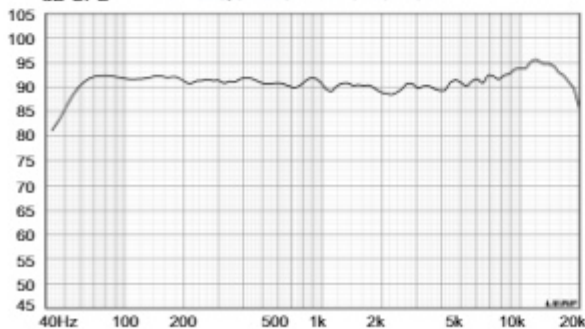
Vertical polar diagrams



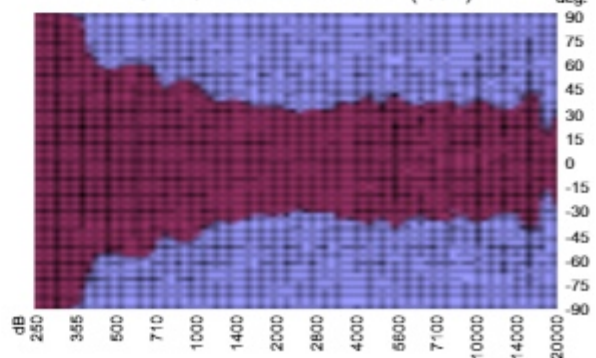
Vertical polar diagrams



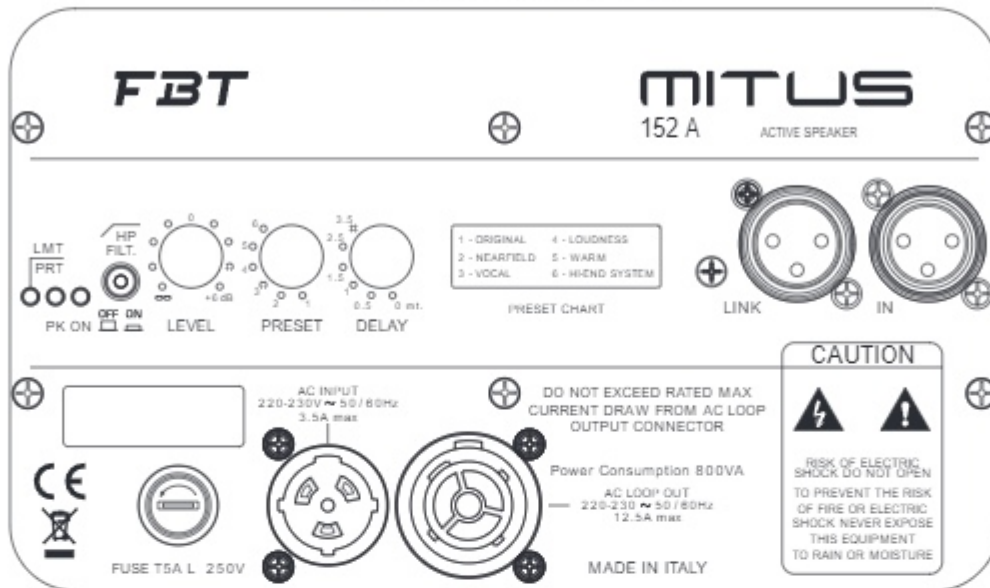
dB SPL FREQUENCY RESPONSE



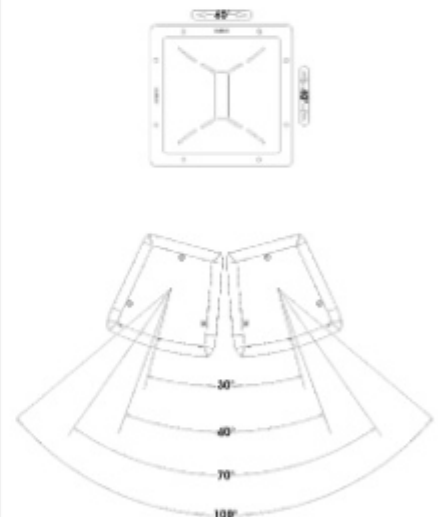
HORIZONTAL BEAMWIDTH (-6dB)



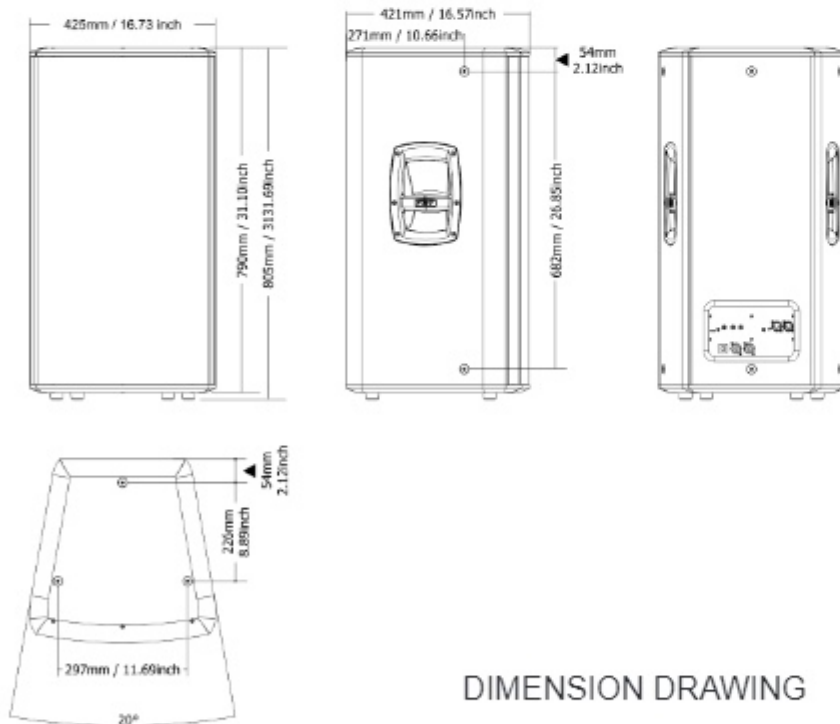
CONNECTION PANEL



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.

