



MITUS

215A

PROCESSED ACTIVE SPEAKER

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
- 2 x 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 42Hz to 20kHz
- 12 x M10 fly points
- Completely Manufactured in Italy



PRODUCT DESCRIPTION

The FBT MITUS 215A two-way bi-amplified speaker system shall incorporate 2 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 215A shall meet the following performance criteria: Frequency response of 42Hz to 20kHz, Maximum SPL of 136dB, 1100W RMS + 250W RMS class D amplifiers. The FBT MITUS 215A provides a DSP with 6 EQ presets. The FBT MITUS 215A 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 215A speaker to be surface mounted on ceilings.

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	42Hz - 20kHz
Input Impedance	22kOhm
Maximum SPL (cont. / peak) **	133dB / 136dB
Dispersion	60° H x 40° V
Crossover Frequency	1.2 kHz
AC Power requirement	800 VA

PHYSICAL

Low Frequency Woofer	2 x 15" - 3" coil
High Frequency Driver	1 x 2" - 2.5" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	19.04" x 49" x 18.5"
	493 x 1245 x 471mm
Shipping Dimensions (WxHxD)	24.3" x 53.3" x 24"
	618 x 1355 x 610mm
Net Weight	115.74 lbs / 52.5 kg
Shipping Weight	127.86 lbs / 58 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

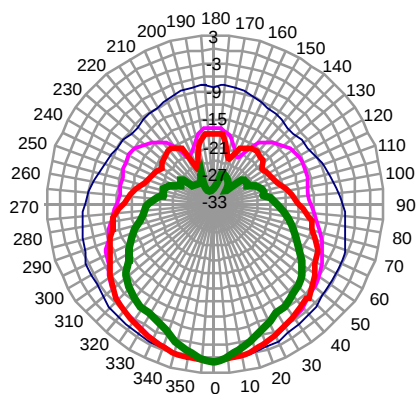
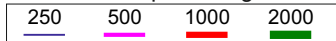


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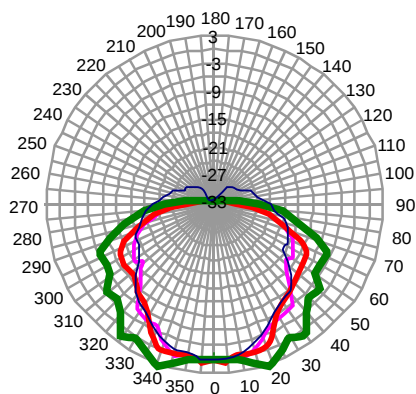
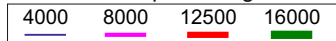
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DIAGRAMS

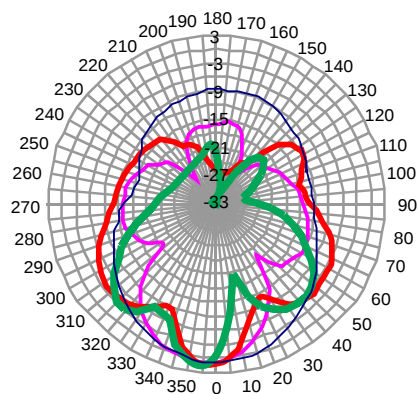
Horizontal polar diagrams



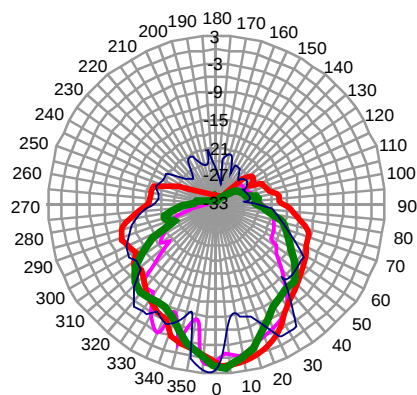
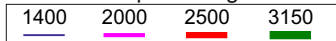
Horizontal polar diagrams



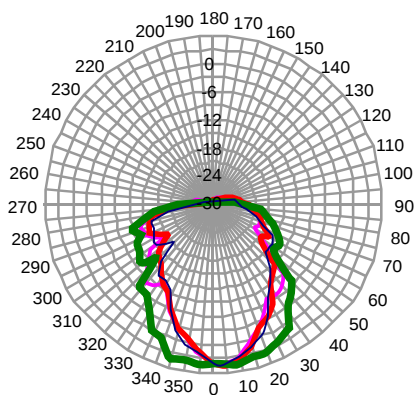
Vertical polar diagrams



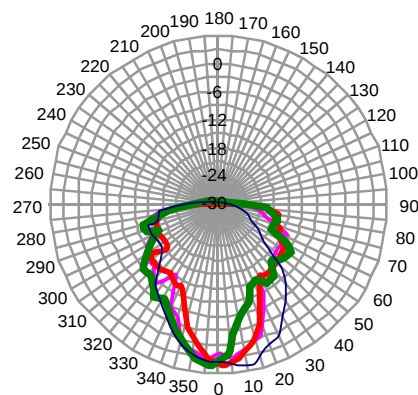
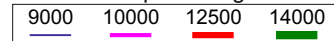
Vertical polar diagrams



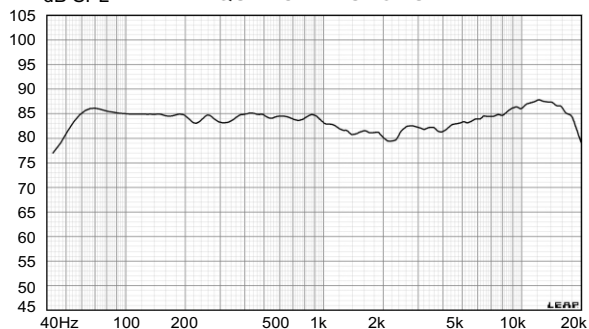
Vertical polar diagrams



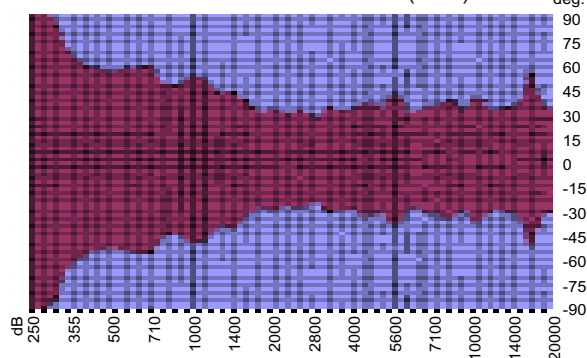
Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

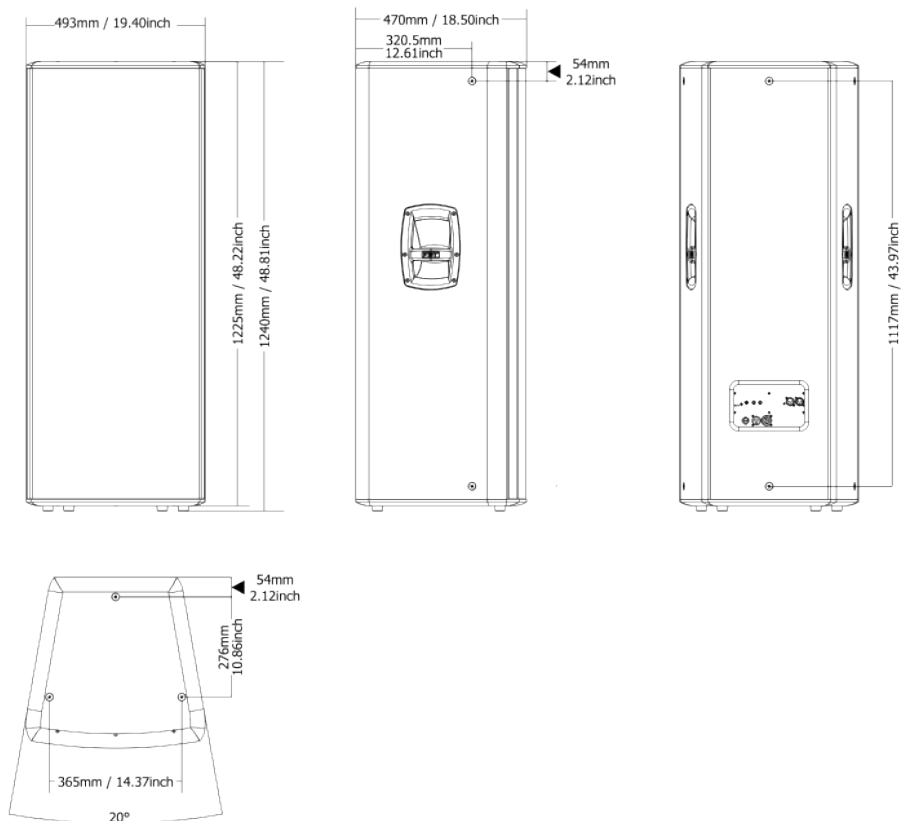




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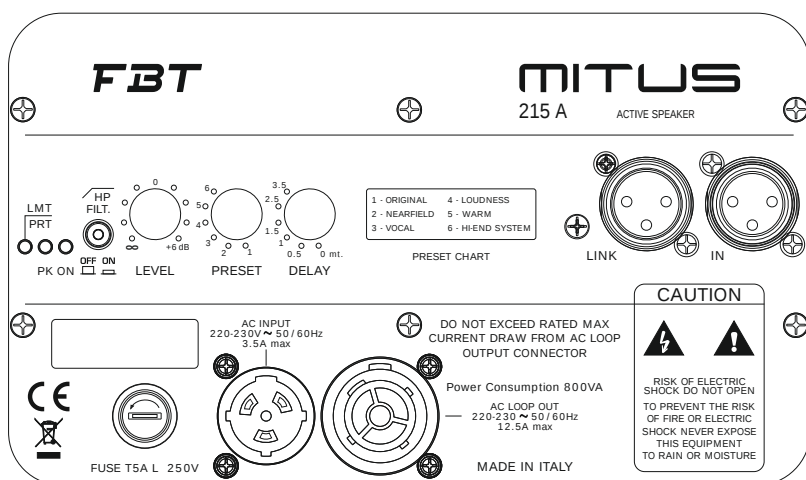
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DIMENSION DRAWING

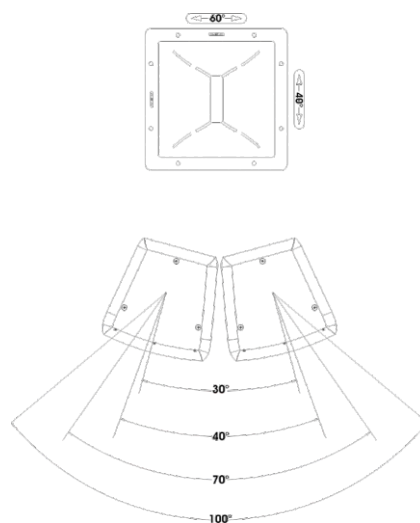


ANCHORING POINT FOR **ONLY ONE** SPEAKER SUSPENDED

CONNECTION PANEL



ROTATABLE HORN



30°----- with 40° horn position
40°----- with 60° horn position
70°----- total coverage with 40° horn position
100°----- total coverage with 60° horn position



MITUS 218 SA

ACTIVE SUBWOOFER

APPLICATIONS

- Permanent installations in:
Theatres, Concert Halls, Clubs, Places of Worship,
Conference Rooms, Indoor Sports, Arenas & Stadiums
- Sound reinforcement for live events:
Touring, Bands, Orchestras

FEATURES

- 18mm / 0.70" birch plywood enclosure
- 2000W RMS class D amplifier
- 2 x 460mm/18" custom B&C neodymium woofers
- Frequency response from 30Hz - 100Hz
- Control panel with stereo XLR in & link, volume, preset, delay, phase, 3 status led indicators
- SPL capability 145dB
- DSP with 6 presets
- M20 stand socket
- Six FBT design aluminum handles
- Completely Manufactured in Italy



PRODUCT DESCRIPTION

The FBT MITUS 218SA, 2 x 18" bass reflex design subwoofer, is the perfect low-frequency extension and the ideal companion for the MITUS range or ground stack applications with optional metal base. The FBT MITUS 218SA shall meet the following performance criteria: Frequency response of 30Hz to 100Hz, Maximum SPL of 145dB peak, Class D amplifier 2000W RMS. The FBT MITUS 218SA provides a DSP with 6 presets-cardioid and infra configurations. The FBT MITUS 218SA feature 0.70" Baltic birch plywood construction covered in a scratch resistant black paint with M20 top-mounted stand adapter and six FBT design aluminium handles. The control panel provides XLR in & link, volume control, preset, delay, phase 0°-180°, 3 status led indicators.

ELECTRICAL PERFORMANCE

System Type:	bass reflex
Built-in Amplifier*	cont: 800W RMS max: 2000W RMS peak: 4000W RMS
Frequency Response @ -6dB	30Hz - 100Hz
Input Impedance	22k Ohm
Maximum SPL (continuous/peak) **	139dB / 145dB
Dispersion	omnidirectional
AC Power Requirement	1500 VA

PHYSICAL

Low Frequency Woofer	2 x 18" - 4" coil
Input Connectors	XLR in/link
Net Dimensions (WxHxD)	39,36" x 23,38" x 28,74" 1000 x 594 x 730mm
Shipping Dimensions (WxHxD)	45.27" x 29,13" x 35,43" 1150 x 740 x 900mm
Net Weight	198 lbs / 90 kg
Shipping Weight	207 lbs / 94 kg
Enclosure Material	birch plywood
Power Supply Cable	16.4 ft

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

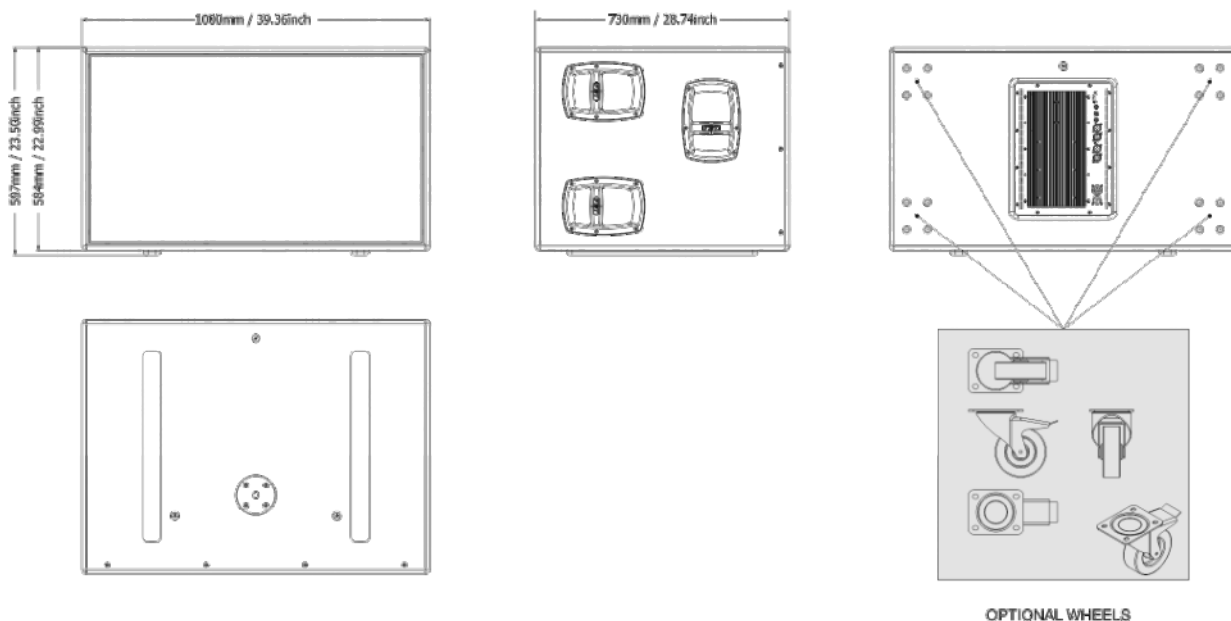


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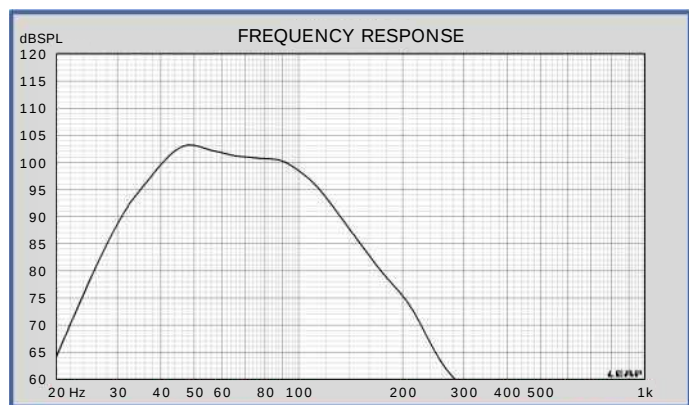
ACTIVE SUBWOOFER

DIMENSIONAL DRAWING

ONLY FOR GROUND STACK CONFIGURATION



DIAGRAMS



CONNECTION PANEL

