

## Processed Active Stage Monitor

### MAIN APPLICATIONS

- Live sound reinforcement floor monitor
- Touring systems
- Clubs
- Auditoriums
- Theatres
- Houses of worship
- D.J. booth monitor

### MAIN FEATURES

- 2-way bi-amplified bass reflex design with coaxial driver
- 1 x 10" B&C custom neodymium magnet coaxial speaker with 2.5" voice coil
- 1.4" exit titanium compression driver with 2.5" voice coil
- B&C custom 10" neodymium magnet woofer with 2.5 voice coil
- 600W RMS LF & 300W RMS HF class D built-in amplifiers
- 70° conical dispersion
- Input panel with XLR in/link, volume, preset, HP filter, GND lift
- SPL capability 134dB
- 0.59" birch plywood enclosure
- 1.38" stand socket
- Completely Manufactured in Italy



### DESCRIPTION

The FBT MITUS 210MA bi-amplified speaker feature 0.59" birch plywood construction; the front shall be protected by a heavy duty metal grille with anti-resonance spacers and exclusive synthetic cloth to protect the drivers and a rugged touring grade scratch resistant black paint finish protects the cabinet exterior. The FBT MITUS 210MA is a two way coaxial design incorporating a 10" B&C custom neodymium magnet coaxial speaker with 2.5" voice coil and 1.4" exit titanium compression driver with 2.5" voice coil, a 10" neodymium magnet woofer with 2.5" voice coil, a class D built-in amplifiers 600W RMS to the LF and 300W RMS to the HF with switch mode power supply. The FBT MITUS 210MA provides a DSP with A/D-D/A low noise converters with 8 selectable presets. The FBT MITUS 210MA shall meet the following performance criteria: Frequency response of 60Hz to 20kHz, Maximum SPL of 132dB, Nominal impedance 8 Ohm LF / 8 Ohm HF. The control panel provides XLR «in&link», volume, preset, HP filter, GND lift switch. A standard 1.38" speaker stand socket allows the FBT MITUS 210MA to be mounted on speaker stand.

### TECHNICAL SPECIFICATIONS

#### GENERAL

Configuration	way	2
Low frequency woofer	inch	2 x 10 - 2.5 coil
High frequency driver	inch	1 x 1.4 - 2.5 coil

#### ACOUSTIC SPEC.

Frequency response	(@ -6dB)	60Hz - 20kHz
SPL max. (cont / peak)**	dB	127 / 134
Dispersion	H x V	70° conical
Crossover Frequency	kHz	1.2

#### INPUTS / OUTPUTS

Connectors		XLR with loop
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#### POWER SUPPLY

AC Power requirement	VA	640
Power cord	mt ft	5 16.4

#### AMPLIFIER

Built-in amplifiers LF - HF (cont./max)*	W RMS	400 - 200 / 600 - 300
Built-in amplifiers LF - HF (peak)*	W	1200 - 600
Input impedance	kOhm	22

#### MECHANICAL SPEC.

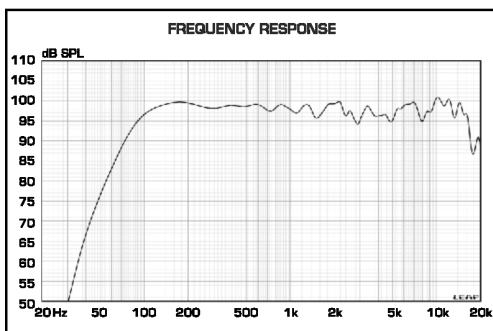
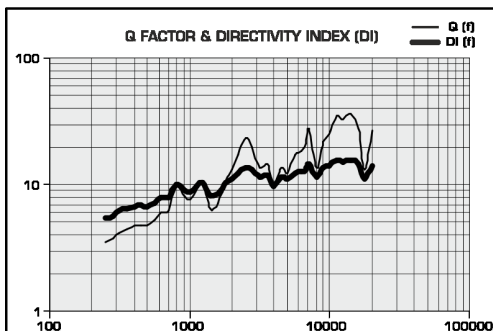
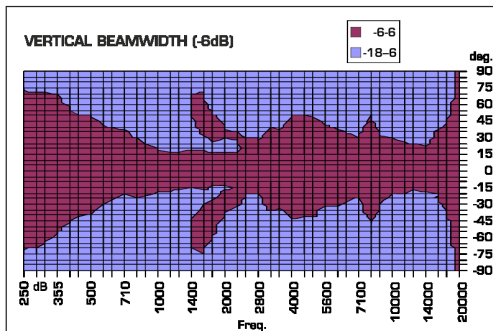
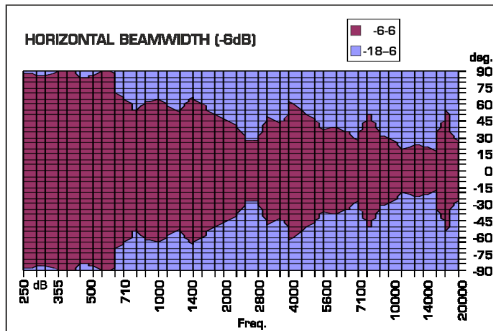
Material		Birch plywood
Net size ( WxHxD )	mm inch	574 x 290 x 402 22.6 x 11.4 x 15.8
Net weight	kg Lbs	19 41.9

\* 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

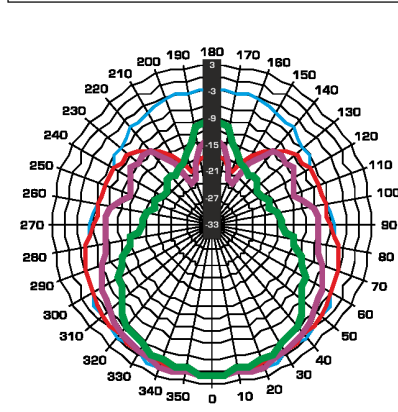
\*\*CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average

PEAK SPL: free space, based on max peak power amp rating and system peak sensitivity, 10mS time average

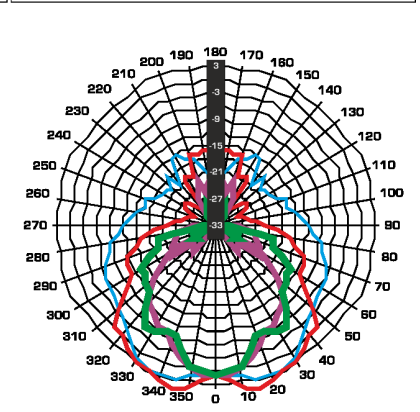
## DIAGRAMS



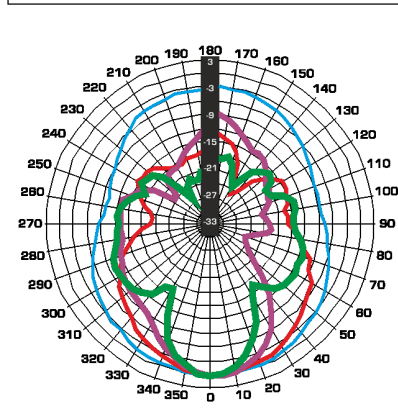
**HORIZONTAL POLAR DIAGRAM**



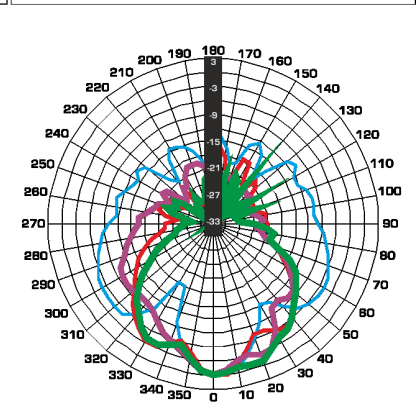
**HORIZONTAL POLAR DIAGRAM**



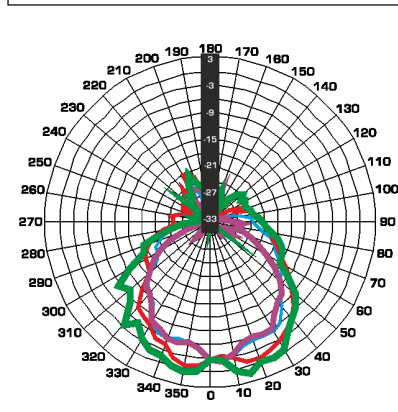
**VERTICAL POLAR DIAGRAM**



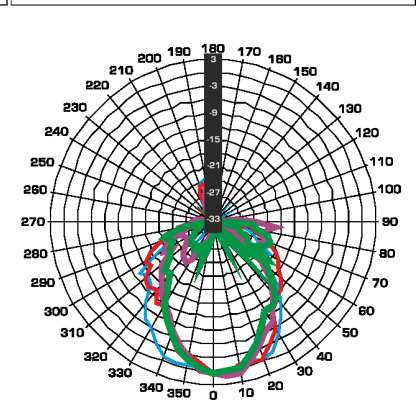
**VERTICAL POLAR DIAGRAM**



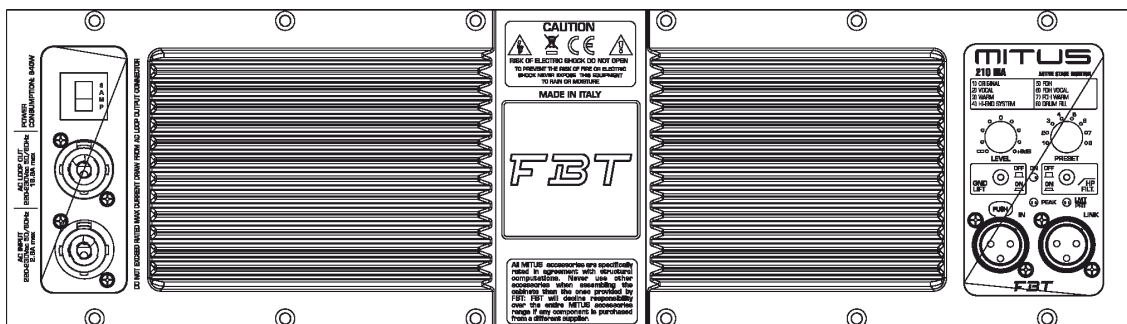
**VERTICAL POLAR DIAGRAM**



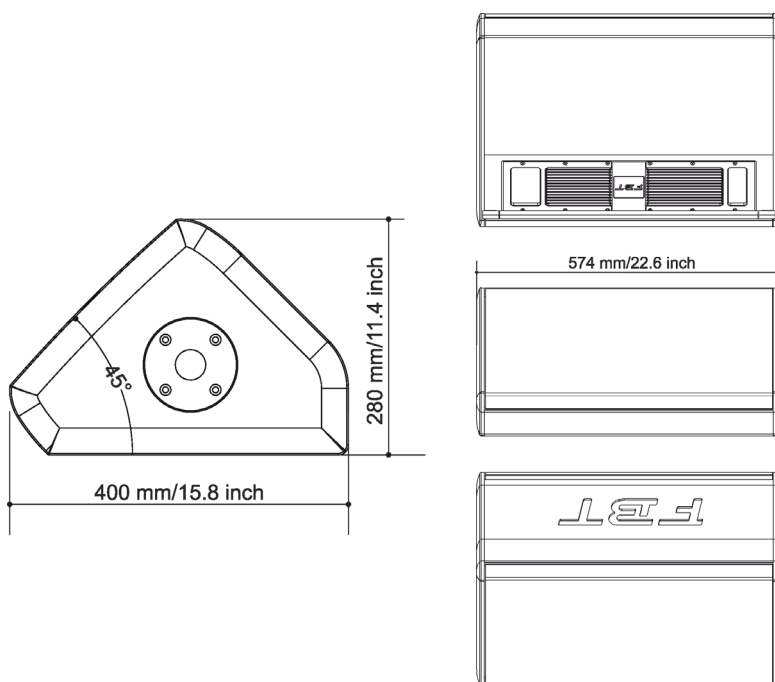
**VERTICAL POLAR DIAGRAM**



## CONNECTION PANEL

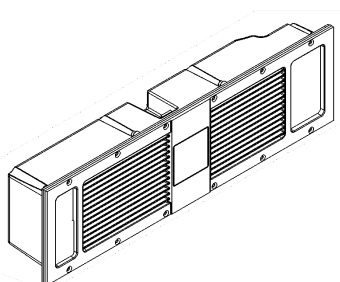


## DIMENSION DRAWING



## AMPLIFIER MODULE

The FBT MITUS 10MA provides a high efficiency class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This provides maximum protection of the electronics from dust or dirt, prevents air loss through the input control panel that can cause fastidious noise, and it maximizes heat dissipation avoiding the use of a fan to cool the circuitry.



## ACCESSORIES

### BOX-62BK

Adjustable, for sub-satellite speaker connection with safety locking device Ø35mm / 1.38"

