

Processed Active Stage Monitor

MAIN APPLICATIONS

- Live sound reinforcement floor monitor
- Touring systems, clubs, auditorium, theatres
- Houses of worship, DJ booth monitor

MAIN FEATURES

- 2-way bi-amplified bass reflex design with coaxial driver
- 2 x 10" B&C custom neodymium magnet coaxial speaker with 2.5" voice coil
- voice coil 1.4" exit titanium compression driver 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
- MAX SPL capability 134dB
- 0.59" birch plywood enclosure
- 1.38" stand socket
- Completely Manufactured in Italy



DESCRIPTION

The 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 MITUS 210MA is a two way coaxial design incorporating a 2 x 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 MITUS 210MA provides a DSP with A/D-D/A low noise converters with 8 selectable presets. The 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 MITUS 210MA to be mounted on speaker stand.

TECHNICAL SPECIFICATIONS

GENERAL

Code		31761
Configuration	way	2
Low frequency woofer	inch	2 x 10 - 2.5 coil
High frequency driver	inch	1.4 - 2.5 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	60 - 20k
MAX SPL (cont/peak)**	dB	127 / 134
Dispersion	H° x V°	70 conical

INPUTS & OUTPUTS

Input connectors		XLR with loop
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POWER SUPPLY

AC power requirement	VA	640
Power cord	mt	5
	ft	16.4

AMPLIFIER

Built-in amplifier*	MAX (LF/HF)	W RMS	600 / 300
	MAX cont (LF/HF)	W RMS	400 / 200
Input impedance		Ohm	22k

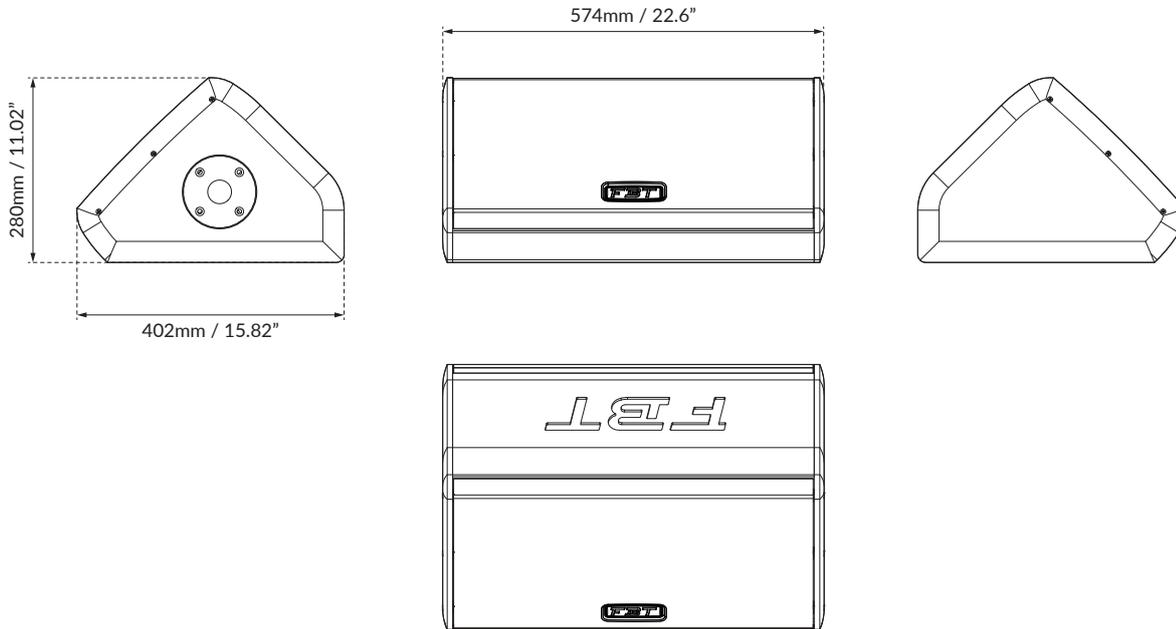
MECHANICAL SPECIFICATIONS

Material		5/8" birch plywood
Net dimensions (WxHxD)	mm	574 x 280 x 402
	inch	22.6 x 11.02 x 15.82
Transport dimensions (WxHxD)	mm	515 x 685 x 395
	inch	20.27 x 26.96 x 15.55
Net weight	kg	17.80
	lb	39.24
Transport weight	kg	21
	lb	46.29

* 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

DIMENSIONAL DRAWING



CONTROL PANEL



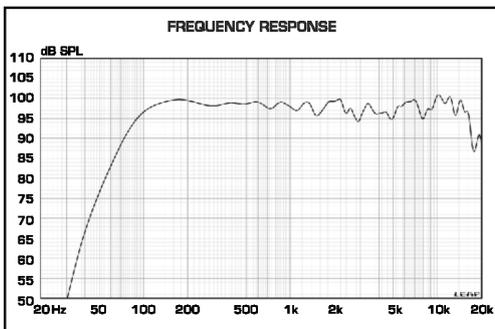
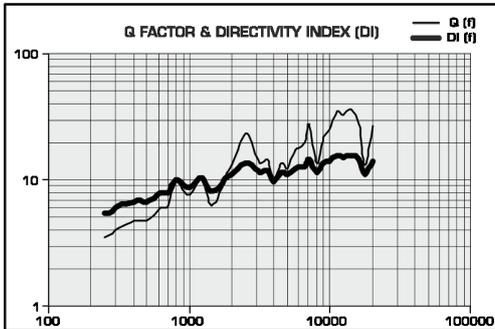
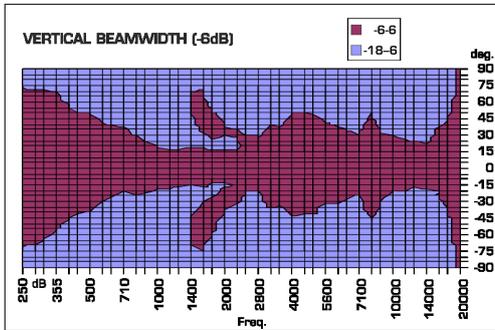
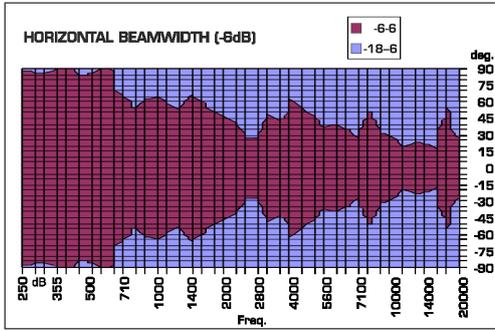
ACCESSORIES



MSA 220BK

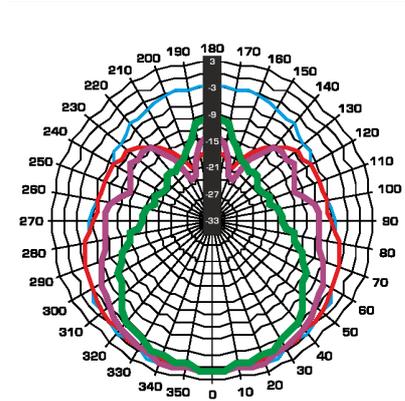
Adjustable for sub-satellite speaker connection with safety locking device Ø 1.38" M20

DIAGRAMS



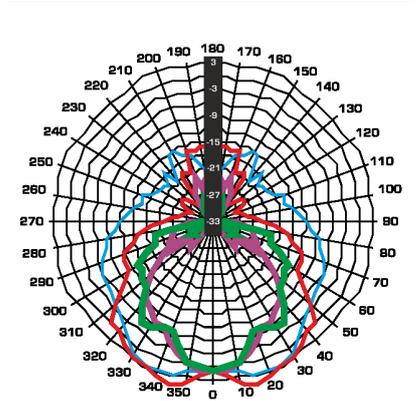
HORIZONTAL POLAR DIAGRAM

Legend: 250 (blue), 500 (red), 1000 (purple), 2000 (green)



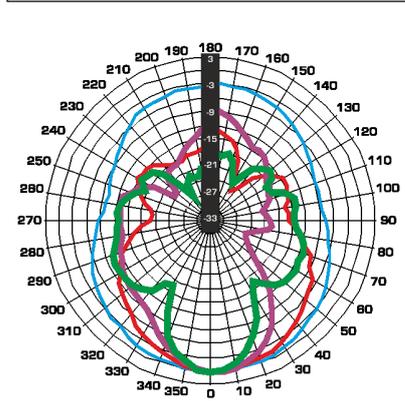
HORIZONTAL POLAR DIAGRAM

Legend: 4000 (blue), 8000 (red), 12500 (purple), 16000 (green)



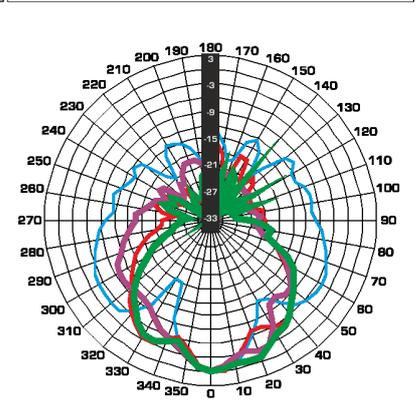
VERTICAL POLAR DIAGRAM

Legend: 250 (blue), 500 (red), 800 (purple), 1000 (green)



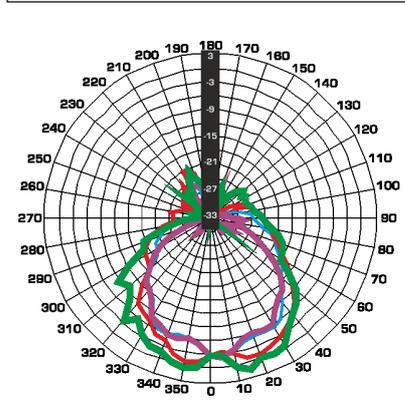
VERTICAL POLAR DIAGRAM

Legend: 1400 (blue), 2000 (red), 2500 (purple), 3150 (green)



VERTICAL POLAR DIAGRAM

Legend: 4000 (blue), 5000 (red), 6300 (purple), 8000 (green)



VERTICAL POLAR DIAGRAM

Legend: 9000 (blue), 10000 (red), 12500 (purple), 14000 (green)

