

# Passive Stage Monitor

## MAIN APPLICATIONS

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

## MAIN FEATURES

- 2-way bass reflex design with coaxial driver
- Recommended amplifier 800W RMS
- 2 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
- Input panel with 2 x Neutrik speakon NL-4MDV in & link
- MAX SPL capability 132dB
- 5/8" birch plywood enclosure
- 1.38" stand socket
- Completely Manufactured in Italy



## DESCRIPTION

The MITUS 210M two-way passive stage monitor shall incorporate 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 (70° conical dispersion); B&C custom 10" neodymium magnet woofer with 2.5" voice coil. The MITUS 210M shall meet the following performance criteria: Frequency response of 65Hz to 20kHz, Frequency sensitivity of 100dB, Maximum SPL of 132dB, recommended power amplifier 800W RMS/4 Ohm. Hi-grade passive internal crossover featuring «soft-trip» circuitry protection of low frequencies and high frequencies. 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. Input connectors shall be parallel wired Neutrik NL4 speakon. The MITUS 210M feature 5/8" birch plywood construction and a 1.38" stand socket allows the MITUS 210M to be mounted on speaker stand.

## TECHNICAL SPECIFICATIONS

### GENERAL

Code		33216
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	65 - 20k
Sensitivity (@1W/1m)	dB	100
MAX SPL (cont/peak)*	dB	128 / 132
Dispersion	H° x V°	70° conical
Recommended HP filter	Hz - dB oct	50 - 24
Crossover frequency	Hz	1.2k

### INPUTS & OUTPUTS

Input connectors		2 x Speakon NL4 In & thru
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### AMPLIFIER

Recommended amplifier	W RMS	800
Long term power (AES)	W	400
Short term power (IEC 268-5)	W	1600
Nominal impedance	Ohm	4

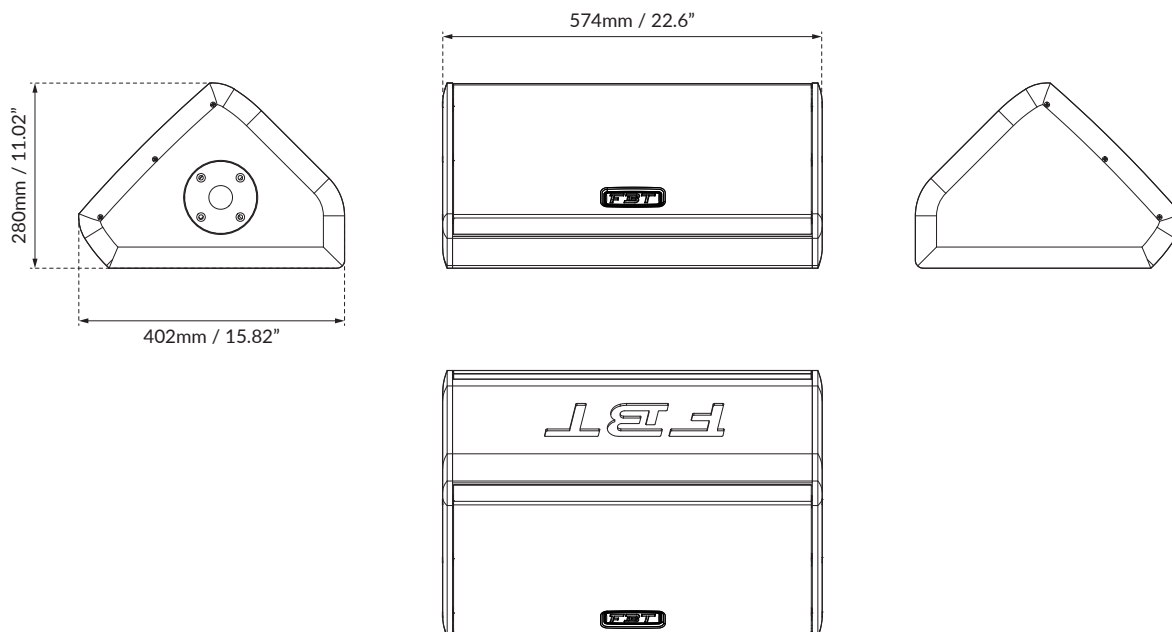
### MECHANICAL SPECIFICATIONS

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	16.50
	lb	36.37
Transport weight	kg	19.50
	lb	41.44

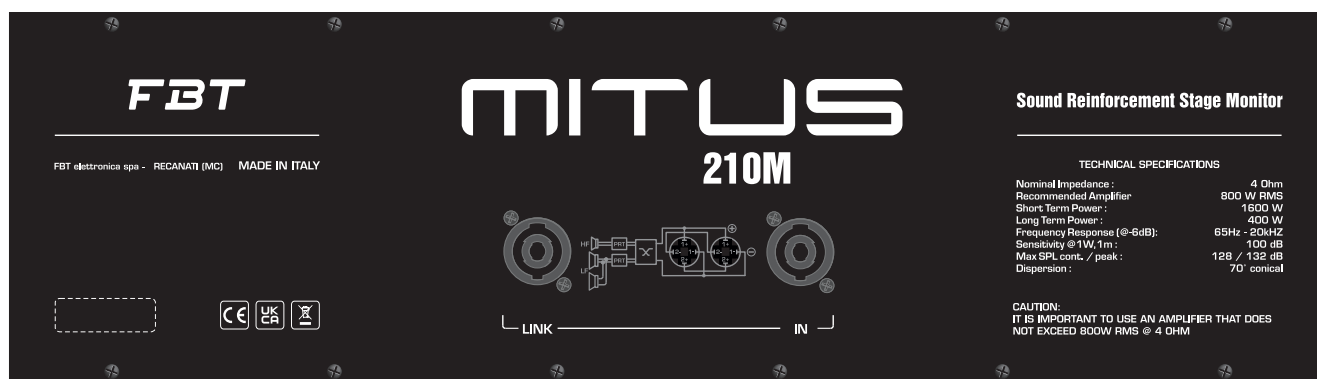
\* CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average

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

## DIMENSIONAL DRAWING



## CONTROL PANEL



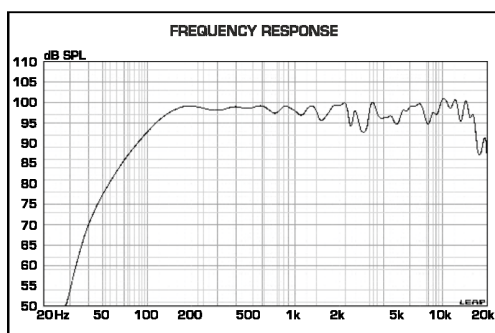
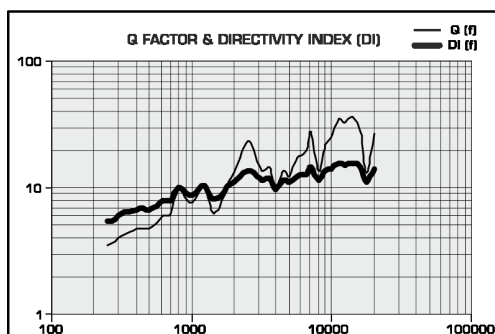
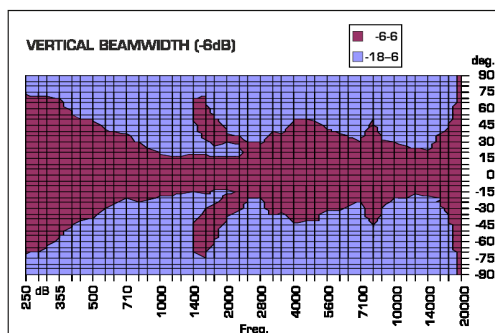
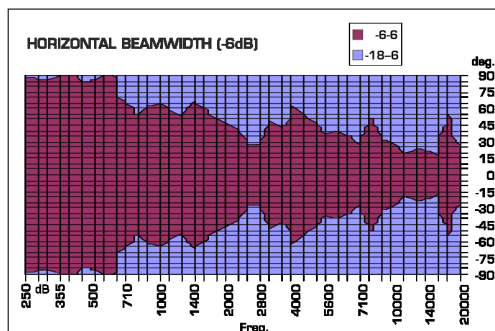
## ACCESSORIES



### MSA 220BK

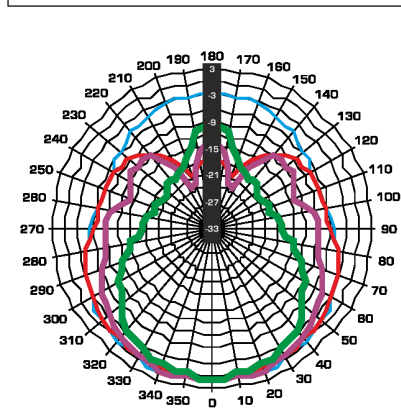
Adjustable for sub-satellite  
speaker connection with safety  
locking device Ø 1.38" M20

## DIAGRAMS



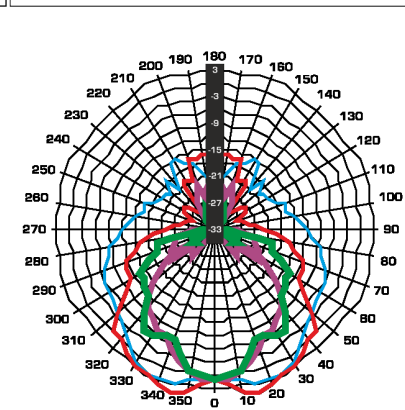
**HORIZONTAL POLAR DIAGRAM**

250 500 1000 2000



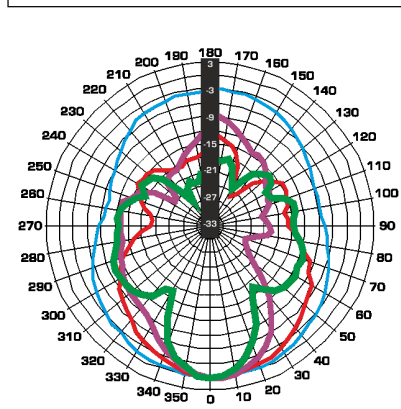
**HORIZONTAL POLAR DIAGRAM**

4000 8000 12500 16000



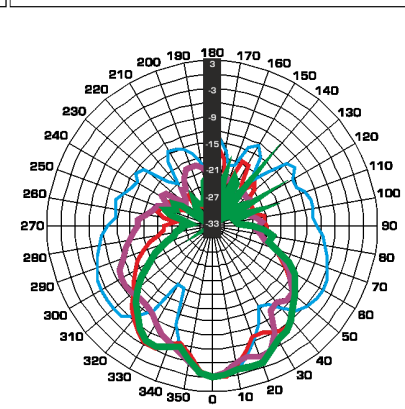
**VERTICAL POLAR DIAGRAM**

250 500 800 1000



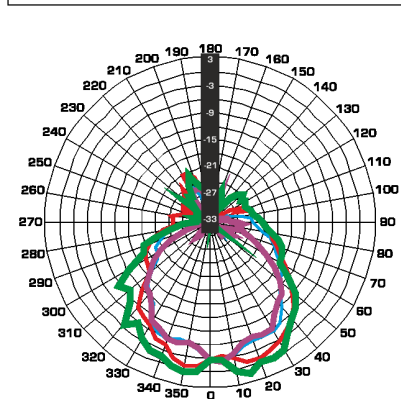
**VERTICAL POLAR DIAGRAM**

1400 2000 2500 3150



**VERTICAL POLAR DIAGRAM**

4000 5000 6300 8000



**VERTICAL POLAR DIAGRAM**

9000 10000 12500 14000

