



# MITUS 152

## 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
- Recommended amplifier 800W RMS / 8 Ohm
- 15" B&C neodymium woofer with 3" voice coil
- 2" exit B&C neodymium driver with 2.5" voice coil
- 60° H x 40° V rotatable horn
- Input panel with 2 x Neutrik speakon NL-4MDV *in & link*
- SPL capability: 132dB
- 12 x M10 fly points
- Completely Manufactured in Italy

## PASSIVE REINFORCEMENT SPEAKER



## PRODUCT DESCRIPTION

The FBT MITUS 152 two-way passive reinforcement 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 152 shall meet the following performance criteria: Frequency response of 47Hz to 20kHz, Frequency sensitivity of 100dB, Maximum SPL of 132dB, Recommended power amplifier 800W RMS / 8 Ohm. The FBT MITUS 152 passive speaker 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 hi-grade passive internal crossover featuring «soft-trip» circuitry protection of the LF woofer and HF driver. Input connectors shall be parallel wired Neutrik NL4 speakon. The 12 M10 anchoring points built into the cabinet allow the FBT MITUS 152 speaker to be surface mounted on ceilings and a standard 1.38" speaker stand socket allows the FBT MITUS 152 to be mounted on speaker stands.

## ELECTRICAL PERFORMANCE

System Type:	2-way
Recommended Amplifier	800W RMS
Long Term Power (AES)	400W
Short Term Power (IEC 268-5)	1400W
Nominal Impedance	8 Ohm
Frequency Response @ -6dB	47Hz - 20kHz
Sensitivity @ 1W, 1m	100dB
Maximum SPL *	CONT. 128dB PEAK 132dB
Dispersion	60°H x 40°V
Crossover Frequency	1.2 kHz
Recommended HP filter	40Hz-24dB oct.

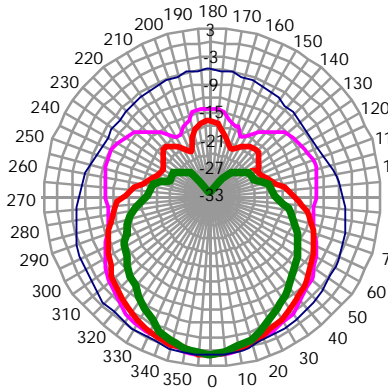
## PHYSICAL

Low Frequency Woofer	1 x 15" - 3" coil
High Frequency Driver	1 x 2" - 2.5" coil
Input Connectors	2 x Speakon NL4 in & thru
Net Dimensions (WxHxD)	16.7" x 31.7" x 16.6"
	425 x 805 x 421 mm
Shipping Dimensions (WxHxD)	21.6" x 36" x 22"
	550 x 915 x 560 mm
Net Weight	70.54 lbs / 32 kg
Shipping Weight	78.26 lbs / 35.5 kg
Enclosure Material	0.59" birch plywood

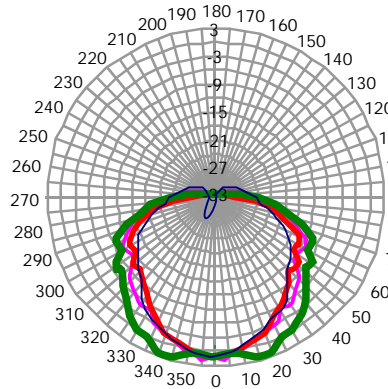
\* CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average  
PEAK SPL: free space, based on short term applicable power rating and system peak sensitivity, 10mS time average

## DIAGRAMS

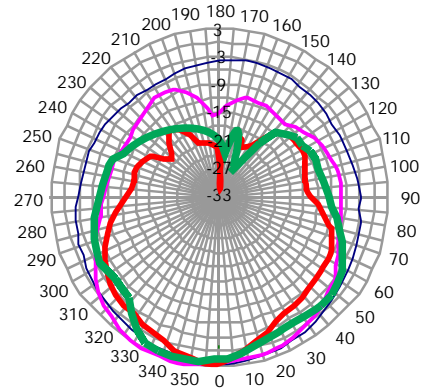
Horizontal polar diagrams



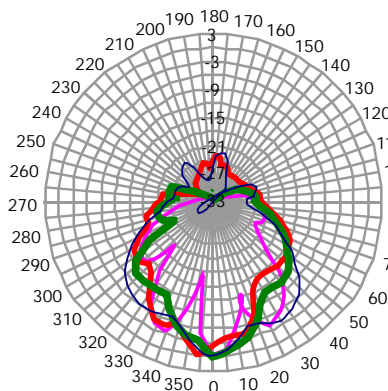
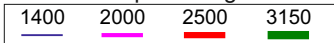
Horizontal polar diagrams



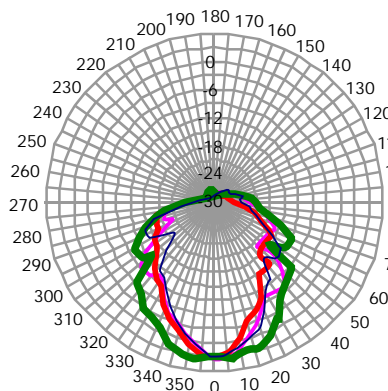
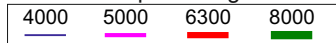
Vertical polar diagrams



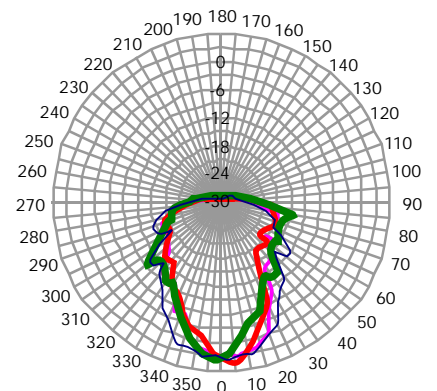
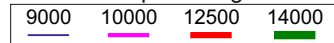
Vertical polar diagrams



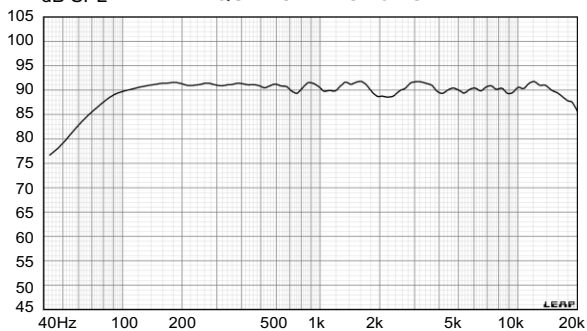
Vertical polar diagrams



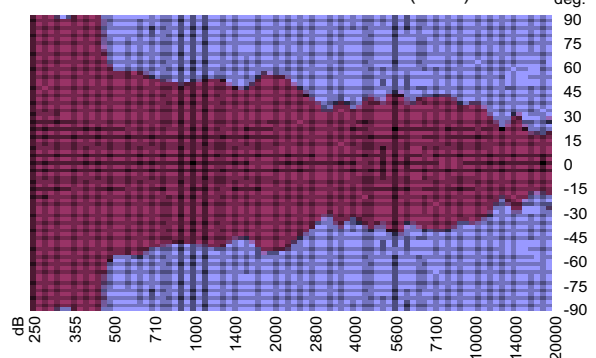
Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



HORIZONTAL BEAMWIDTH (-6dB)

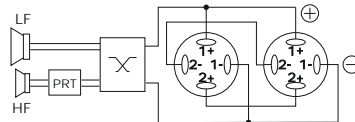


## CONNECTION PANEL

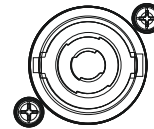
**FBT**

**MITUS**

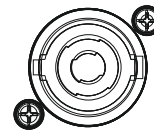
152 SOUND REINFORCEMENT SPEAKER



IN



LINK



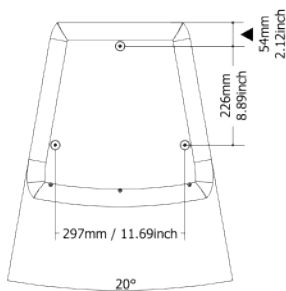
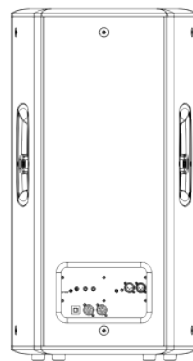
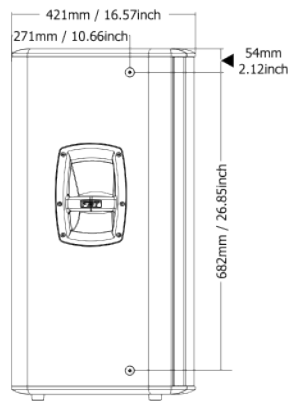
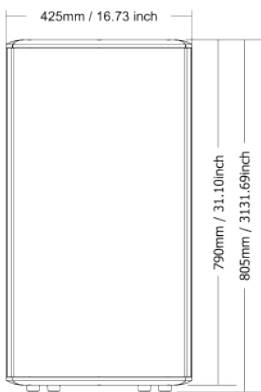
MADE IN ITALY



### TECHNICAL SPECIFICATIONS

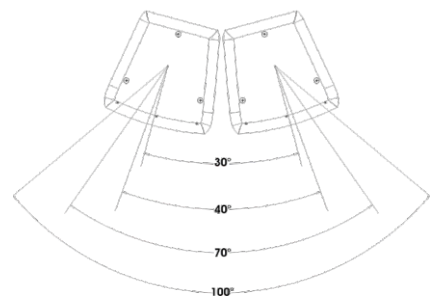
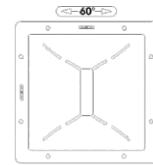
Nominal Impedance :	8 Ohm
Recommended Amplifier	800 W RMS
Short Term Power :	1400 W
Long Term Power :	400 W
Frequency Response (@-6dB):	47 Hz - 20 kHz
Sensitivity @ 1W, 1m :	100 dB
Max SPL cont. / peak :	128 / 132 dB
Dispersion :	60°H x 40°V

CAUTION:  
IT IS IMPORTANT TO USE  
AN AMPLIFIER THAT DOES  
NOT EXCEED 800W RMS  
@ 8 OHM.



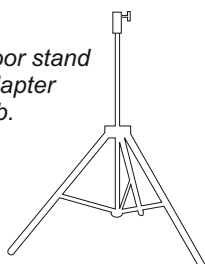
## DIMENSION DRAWING

## ROTATABLE HORN



KMS 325

Adjustable aluminum floor stand  
Ø 1.38" with Ø 1" adapter  
max. weight 88lb.



## ACCESSORIES

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.

