



MITUS
212FS

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

- 15mm / 5.8" birch plywood enclosure
- Recommended amplifier 1000W RMS/8 Ohm
- 320mm/2x12" B&C neodymium magnet with 75mm/3" coil
- Frequency response 50Hz - 250Hz
- Input panel with Neutrik speakon NL-4MDV *in & link* connectors
- SPL capability 138dB
- Wide range of hardware accessories for flying and ground stacked configurations
- External digital processor required
- Completely Manufactured in Italy

FLYABLE PASSIVE SUBWOOFER



PRODUCT DESCRIPTION

The FBT MITUS 212FS is a 2 x 12" compact and flyable subwoofer which can extend the low frequencies of the MITUS 206L when combined together in ground-stacked or flying arrays. The modularity of the FBT MITUS 212FS makes it extremely flexible for a wide range of applications, from a small system to an elaborate line array system consisting of up to 12 MITUS 206L cabinets along with multiple FBT MITUS 212FS subs for large concert events. The FBT MITUS 212FS shall meet the following performance criteria: Frequency response of 50Hz to 250Hz, Frequency sensitivity of 99dB, Maximum SPL of 134dB continuous and 138dB peak, Recommended power amplifier 1000W RMS/8 Ohm. The MITUS 212FS feature Baltic birch plywood construction covered in a scratch resistant black paint with a M20 top-mounted stand adapter. Input connectors shall be parallel wired Neutrik NL4 speakon.

ELECTRICAL PERFORMANCE

System Type:	vented band pass
Recommended Amplifier	1000W RMS
Long Term Power (AES)	500W
Short Term Power (IEC 268-5)	2000W
Nominal Impedance	8 Ohm
Frequency Response @ -6dB	50Hz - 250Hz
Sensitivity @ 1W, 1m	99dB
Maximum SPL *	CONT. 134dB PEAK 138dB
Dispersion	omnidirectional
Crossover Frequency	external active
Recommended HP filter	40Hz-24dB oct.

PHYSICAL

Low Frequency Woofer	2 x 12" - 3" coil
Input Connectors	2 x Speakon NL4 in & thru
Net Dimensions (WxHxD)	22.6" x 16.5" x 26" 574 x 420 x 660mm
Shipping Dimensions (WxHxD)	30.9" x 20.47" x 27.95" 785 x 520 x 710mm
Net Weight	77.2 lbs / 35 kg
Shipping Weight	87 lbs x 39.5 kg
Enclosure Material	birch plywood

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



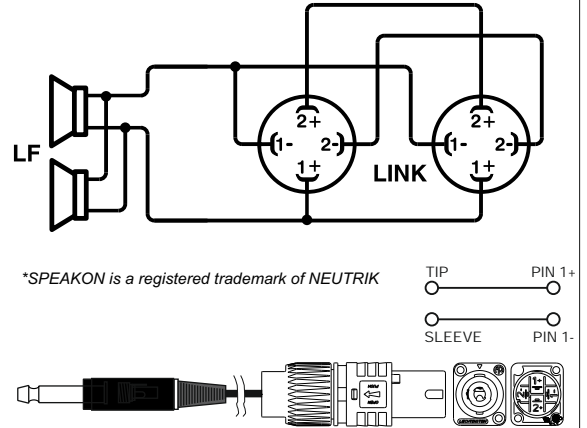
MITUS

212FS

DIAGRAMS



CONNECTORS



CONNECTION PANEL

CAUTION:
IT IS ADVISABLE TO USE AN
AMPLIFIER WITH AN RMS
OUTPUT THAT IS LOWER OF
1000 WMS.

FBT (FONOTONICA SPA)
RECARATI (INC.)
MADE IN ITALY

MITUS

212 FS

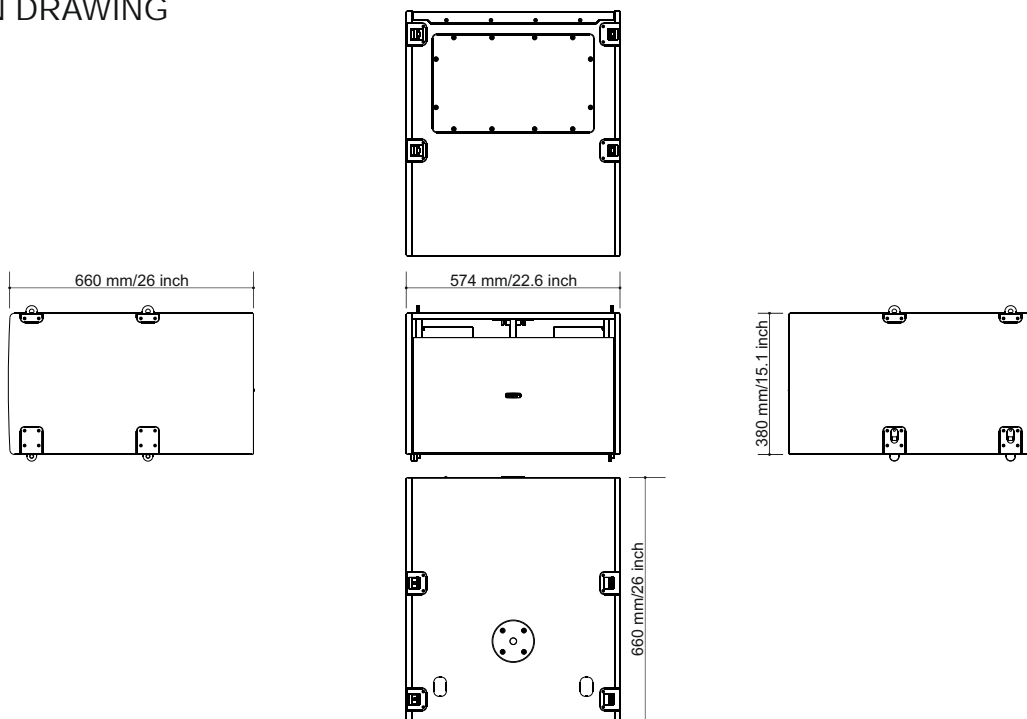
Line Array Subwoofer

TECHNICAL SPECIFICATIONS

Nominal Impedance: 8 Ohm
Recommended Amplifier: 1000 W RMS
Short Term Power: 2000 W
Long Term Power: 500 W
Frequency Response (±3dB): 50 Hz - 120 Hz
Sensitivity @ 1W, 1m: 99 dB
Max SPL cont. (1m): 134 / 138 dB
Distortion: 0.05% (1000 Hz)

* All MITUS 212FS accessories are specifically
rated in agreement with structural components.
Other and other accessories whose supporting
212FS cabinets from the ones provided by FBT, FBT
will decline responsibility over the entire 212FS
accessory range if any component is purchased
from a different supplier.

DIMENSION DRAWING



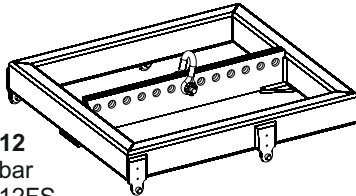


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212FS

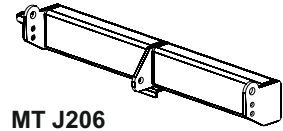
ACCESSORIES

MT F212
Flying bar
MITUS 212FS

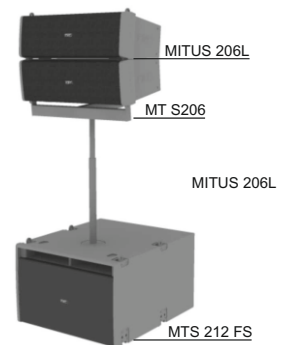
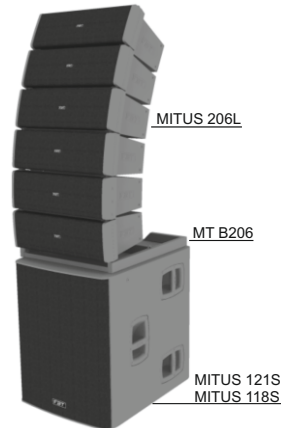
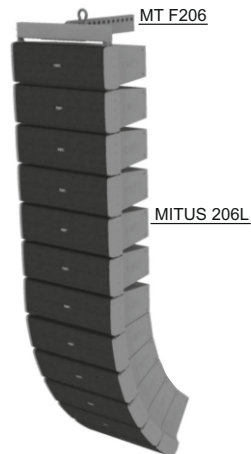
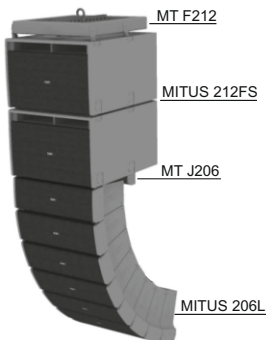


BOX 62BK
Adjustable, for sub-satellite
speaker connection with
safety locking device
Ø35mm / 1.38"

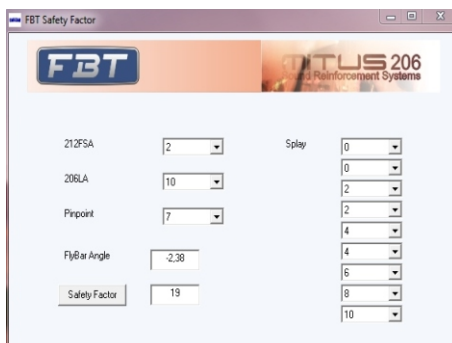
MT J206
Joint bar
MITUS 212FS
with 206L



RECOMMENDED CONFIGURATIONS



MITUS 206L_FLYING



FBT will place at disposal a software called MITUS 206L_FLYING which helps calculating the safety factor of the weakest point of MITUS 206L - MITUS 212FS unit suspension system according to the used configuration and a software called EASE FOCUS that permits an accurate simulation of the mechanical and acoustic behaviour of the MITUS series line array system.

EASE FOCUS

