

## Precision Coverage Vertical Array

### MAIN 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

### MAIN 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



### 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.

### TECHNICAL SPECIFICATIONS

#### GENERAL

Configuration		Vented band pass
Low frequency woofer	inch	2 x 12 - 3 coil

#### ACOUSTIC SPEC.

Frequency response	(@ -6dB)	50Hz - 250Hz
SPL max. (cont / peak)*	dB	134 / 138
Dispersion		Omnidirectional
Crossover Frequency		External active
Sensitivity	(@1W,1m)	99 dB
Recommended HP filter	Hz - dB	40 - 24 oct.

#### INPUTS / OUTPUTS

Connectors		2 x Speakon NL4 in & thru
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#### AMPLIFIER

Recommended amplifier	W	1000
Long term power (AES)	W	500
Short term power (IEC 268-5)	W	2000
Nominal impedance	Ohm	8

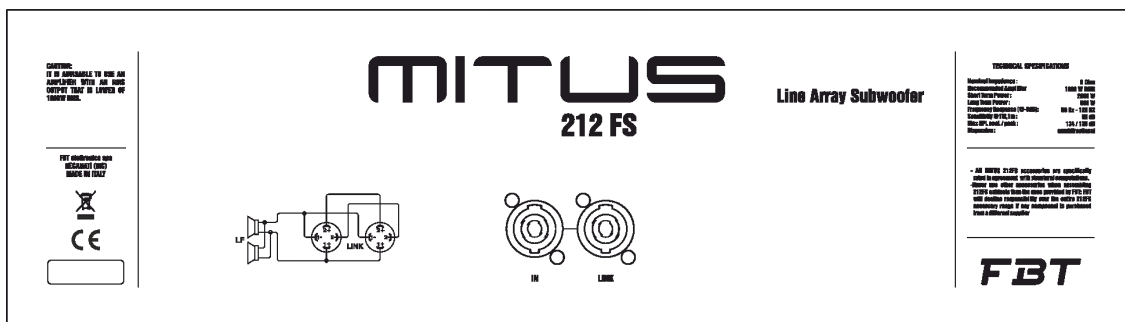
#### MECHANICAL SPEC.

Material		Birch plywood
Net size ( WxHxD )	mm inch	574 x 420 x 660 22.6 x 16.5 x 26
Net weight	kg Lbs	35 77.2

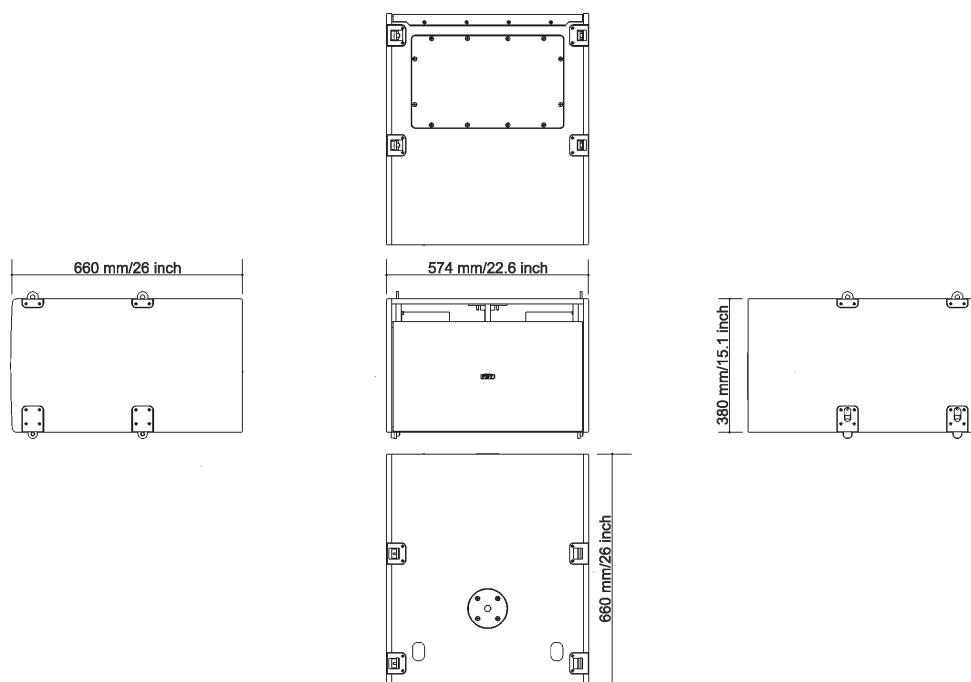
\* CONT. SPL: half space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average

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

## CONNECTION PANEL

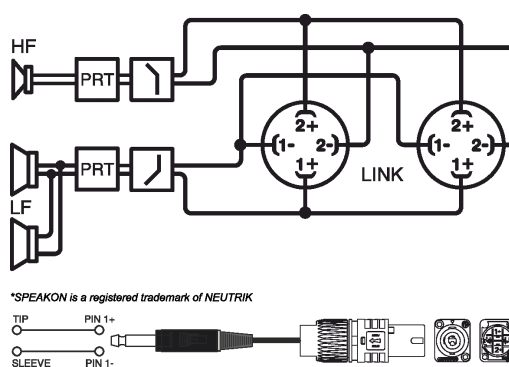
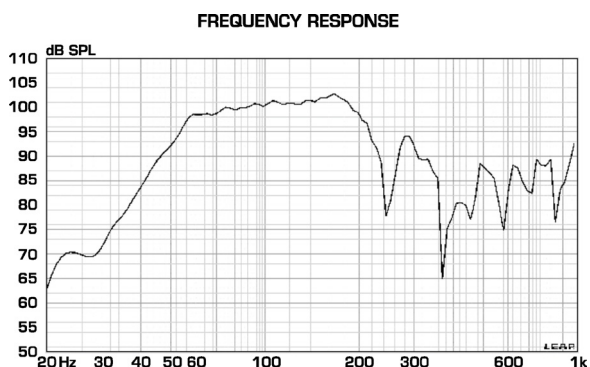


## DIMENSION DRAWING

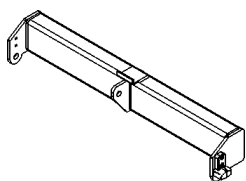


## DIAGRAMS

## CONNECTORS



## ACCESSORIES



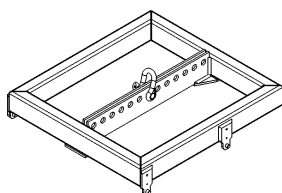
**MT-J206**

Joint bar MITUS 212FS/FSA with 206L



**BOX-62BK**

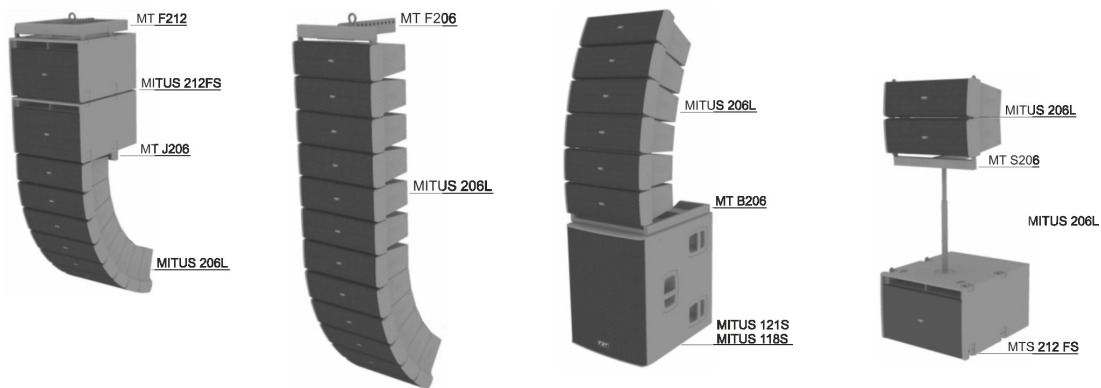
Adjustable, for sub-satellite speaker connection with safety locking device Ø35mm / 1.38"



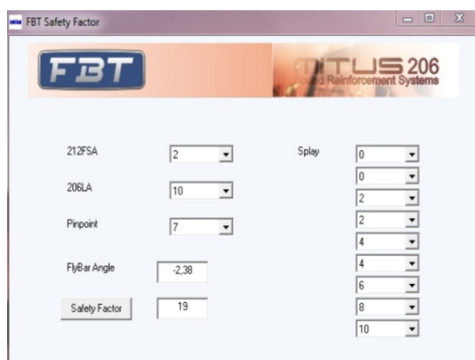
**MT-F212**

Flying bar MITUS 212FS

## RECOMMENDED CONFIGURATION



## EASE FOCUS



FBT will place at disposal a software called MITUS 206L\_FLYING wich 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.

