

Active Subwoofer

MAIN APPLICATIONS

- Permanent installations in:
 - Theatres, concert halls & clubs
 - Places of worship
 - Conference rooms
 - Indoor sports
 - Arenas and stadiums
- Sound reinforcement live events:
 - touring, bands, orchestras

MAIN FEATURES

- 2 x 12" B&C neodymium magnet with 3" coil
- Class D amplifier: 1200W RMS
- Frequency response: 45Hz - 120Hz
- MAX SPL capability: 138dB
- Input panel with XLR IN & link, volume preset, delay, phase, GND lift switch, DSP onboard with 8 presets
- Wide range of hardware accessories for flying and ground stacked configurations
- 0.59" (15mm) birch plywood enclosure
- Completely manufactured in Italy



DESCRIPTION

The FBT MITUS 212FSA powered subwoofer meets the following performance criteria: a frequency response of 45Hz to 120Hz and a peak output of 138dB in half-space. The FBT MITUS 212FSA features a vented band-pass design incorporating two 12" B&C neodymium magnet high excursion woofers with 3" voice coils. The modularity of the FBT MITUS 212FSA makes it extremely flexible for a wide range of applications, from small systems to elaborate line array setups consisting of up to 12 MITUS 206LA cabinets along with multiple FBT MITUS 212FSA subs for large concert events. The FBT MITUS 212FSA provides a DSP with 8 presets for cardioid and infra configurations, as well as delay settings. The control panel includes XLR 'in&link' connections, volume controls, preset selection, delay adjustments, phase control (0°-180°), and a ground lift switch. The MITUS 212FSA features 0.59" (15mm) baltic birch plywood construction covered in scratch-resistant black paint, along with an M20 top-mounted stand adapter and acoustic cloth to protect the drivers. The FBT MITUS 206LA offers a wide range of hardware accessories for flying and ground-stacked configurations.

TECHNICAL SPECIFICATIONS

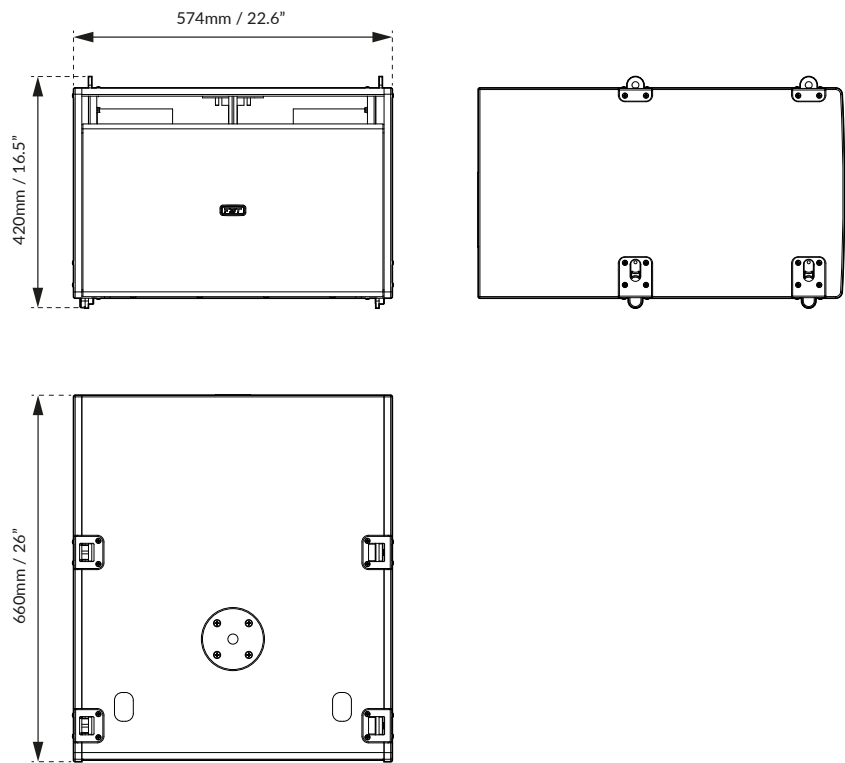
GENERAL		
Configuration	way	Vented band pass
Low frequency woofer	inch	2 x 12 - 3 coil
ACOUSTIC SPECIFICATIONS		
Frequency response (@-6dB)	Hz	45 - 120
Crossover frequency	Hz	Preset dependant
MAX SPL (cont/peak)**	dB	134 / 138 half-space
Dispersion	H x V	Omnidirectional
INPUTS & OUTPUTS		
Input connectors		XLR IN & link with loop
POWER SUPPLY		
AC power requirement	VA	640
Power cord	mt ft	5 16.4

AMPLIFIER		
Built-in amplifiers cont.*	W RMS	800
Built-in amplifiers max*	W RMS	1200
Built-in amplifiers peak*	W	2400
Input impedance	Ohm	22k
MECHANICAL SPEC.		
Material		0.59" birch plywood
Net dimensions (WxHxD)	mm inch	574 x 420 x 660 22.6 x 16.4 x 26
Transport dimensions (WxHxD)	mm inch	785 x 520 x 710 30.9 x 20.47 x 27.95
Net weight	kg lb	37 81.57
Transport weight	kg lb	41.50 91.49

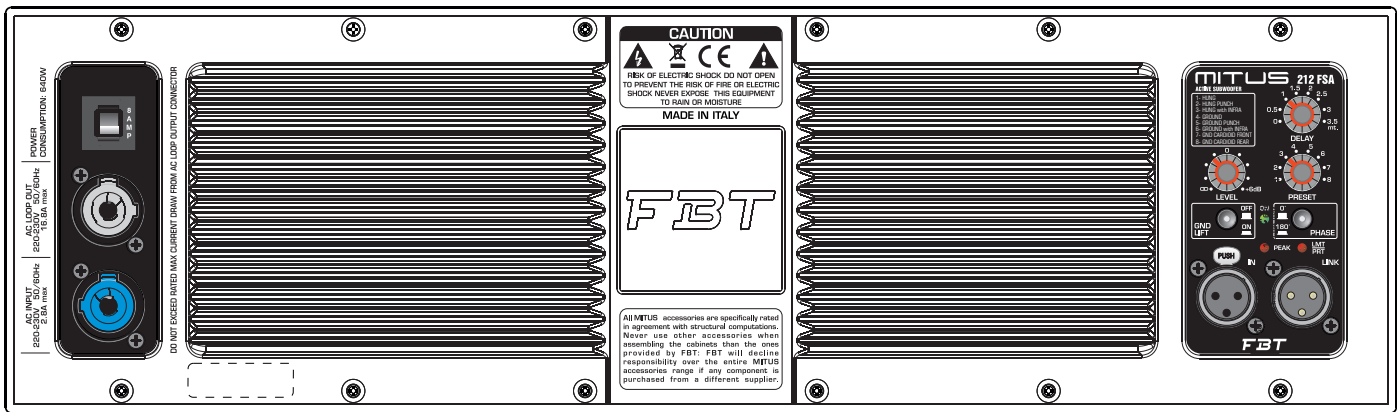
* CONT.: 500mS, RMS power on nominal speaker impedance / MAX.: 2mS burst, RMS power on nominal speaker impedance / MAX PEAK: based on max peak output voltage and nominal speaker impedance

** 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



CONNECTION PANEL



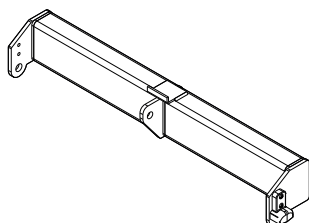
ACCESSORIES

MT-J 206

Joint bar

Code: 31806

552 x 83.5 x 81.75mm
21.73 x 3.26 x 3.21inch
4.50 kg / 9.92 lb

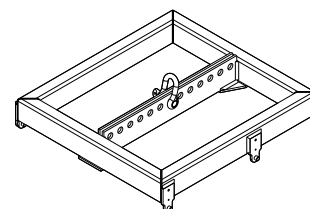


MT-F 212

Flying bar

Code: 31804

560 x 101 x 519mm
22.04 x 3.97 x 20.43inch
19.70 kg / 43.43 lb



BOX-62BK

Telescopic speaker pole

Code: 30474

ø35mm / 1.38inch



RECOMMENDED CONFIGURATION

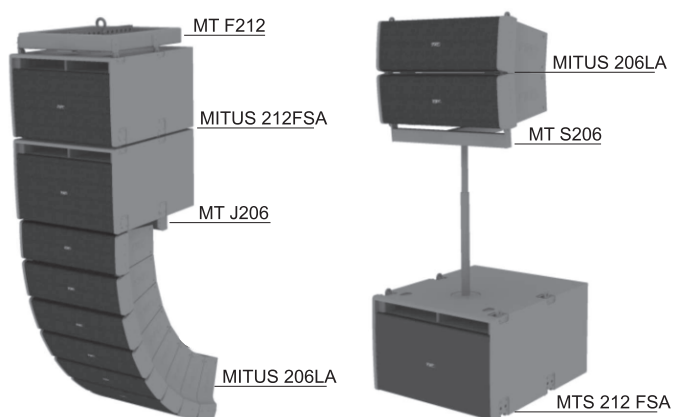
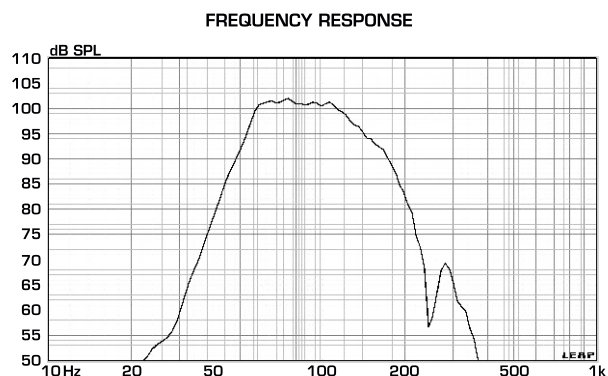


DIAGRAM FREQUENCY RESPONSE



EASE FOCUS

FBT will make available a software called MITUS 206L_FLYING which helps calculate the safety factor of the weakest point of the MITUS 206LA - MITUS 212FSA unit suspension system according to the used configuration, and a software called EASE FOCUS that permits an accurate simulation of the mechanical and acoustic behavior of the MITUS series line array system.

