

Cardioid Flyable 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

- 2x18" B&C neodymium woofer with 3.5" coil
- Class D amplifier: 1200W RMS
- Frequency response: 33Hz-100Hz
- MAX SPL capability: 135/139dB
- Input panel with XLR IN & link, volume preset, delay, phase, GND lift switch, DSP onboard with 8 presets
- Suspension hardware fully compatible with MITUS 206LA
- 0.59" (15mm) birch plywood enclosure
- Completely manufactured in Italy



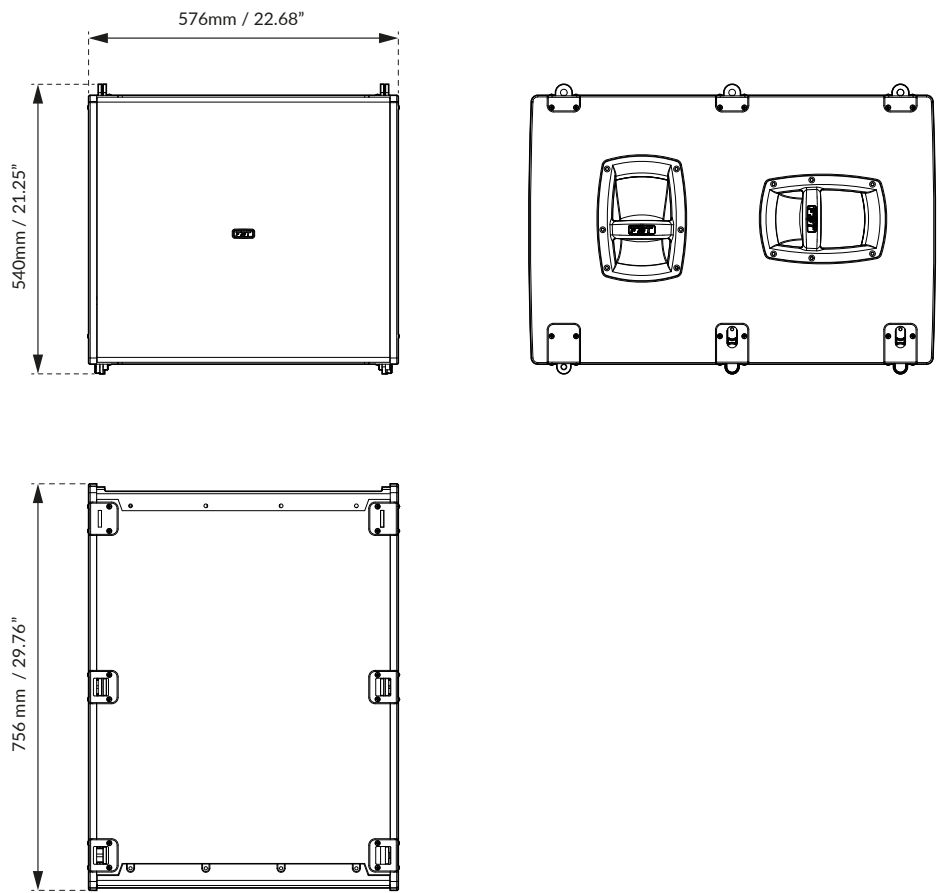
DESCRIPTION

The FBT MITUS 118FSA/FSCA powered subwoofer meets the following performance criteria: a frequency response of 33Hz to 100Hz and an SPL (Sound Pressure Level) continuous/peak of 135/139dB in half-space. The FBT MITUS 118FSA/FSCA is a hybrid band-pass cardioid arrayable subwoofer design that incorporates a 1x18" B&C neodymium magnet high-excursion woofer with a 3.5" voice coil. This hybrid configuration allows for the extension and speed of vented systems combined with high SPL and acoustic filtering of bandpass designs. The suspension hardware of the FBT MITUS 118FSA/FSCA, fully compatible with the MITUS 206LA, allows the enclosure to be suspended either front-firing (FSA model) or rear-firing (FSCA model) for easy cardioid configuration. The FBT MITUS 118FSA/FSCA also provides DSP with 8 presets; the control panel includes XLR "in & link" connections, volume control, preset selection, delay adjustment, phase control (0°-180°), and a ground lift switch. Constructed with Baltic birch plywood covered in scratch-resistant black paint, the FBT MITUS 118FSA/FSCA offers durability and a sleek appearance.

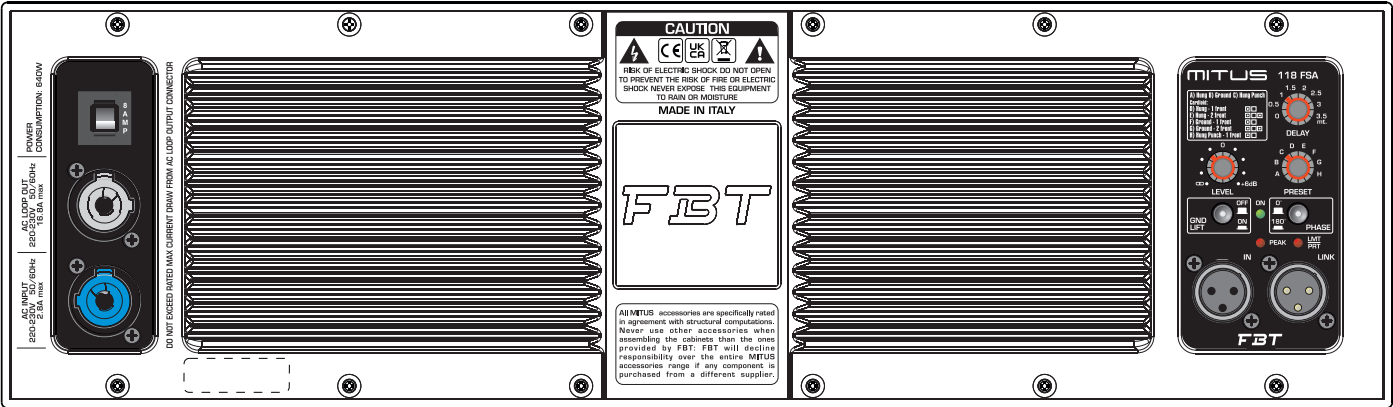
TECHNICAL SPECIFICATIONS

GENERAL			AMPLIFIER		
Code	118FSA	39682	Built-in amplifiers max*	W RMS	1200
	118FSCA	39715	Built-in amplifiers peak*	W	2400
Configuration	way	Band pass subwoofer	Input impedance	Ohm	22k
Low frequency woofer	inch	1 x 18 - 3.5 coil	MECHANICAL SPEC.		
ACOUSTIC SPECIFICATIONS			Material		0.59" birch plywood
Frequency response (@-6dB)	Hz	33 - 100	Net dimensions (WxHxD)	mm inch	576 x 540 x 756 22.68 x 21.25 x 29.76
Crossover frequency	Hz	Preset dependant	Transport dimensions (WxHxD) with pallet	mm inch	810 x 705 x 705 31.89 x 27.76 x 27.76
MAX SPL (cont/peak)**	dB	135 / 139 half space	Net weight	kg lb	48.80 107.58
Dispersion	H° x V°	Omnidirectional	Transport weight with pallet	kg lb	58.20 128.30
INPUTS & OUTPUTS			POWER SUPPLY		
Input connectors		XLR IN & link with loop	AC power requirement	VA	640
			Power cord	mt ft	5 16.4

DIMENSIONAL DRAWING



CONNECTION PANEL

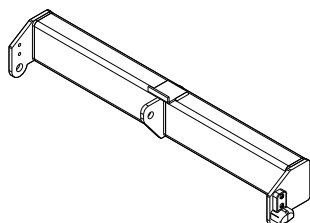


ACCESSORIES

MT-J 206

Code: 31806
Joint bar

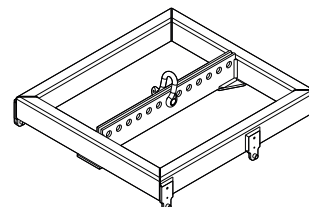
552 x 83.5 x 81.75mm
21.73 x 3.26 x 3.21inch
4.50 kg / 9.92 lb



MT-F 212

Code: 31804
Flying bar

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



MT-B 206

Code: 31888
Metal base (optional wheels)

654 x 182 x 572mm
25.76 x 7.18 x 22.51inch
9.50 kg / 20.94 lb

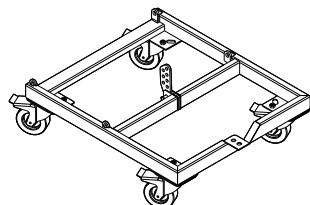
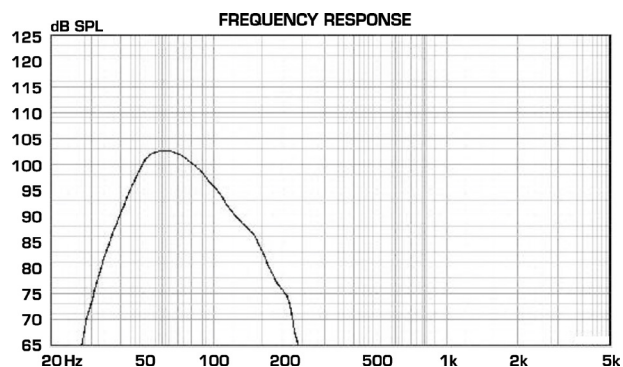


DIAGRAM FREQUENCY RESPONSE



EASE FOCUS

FBT will place at disposal a software called MITUS 206L_FLYING which helps calculating the safety factor of the weakest point of the MITUS 206LA - MITUS 118FSA 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.

