

Processed Cardioid Flyable Active Subwoofer

MAIN APPLICATIONS

- Ideal for small to medium sized applications in:
 - Theatres
 - Concert Halls
 - Clubs
 - Places of Worship
 - Conference Rooms
 - Indoor Sports
 - Arenas & Stadiums

MAIN FEATURES

- 15mm / 0.59" birch plywood enclosure
- Class D amplifier delivering 1200W RMS
- 460mm/1x18" B&C neodymium magnet with 88mm/3.5" coil
- Frequency response 33Hz - 100Hz
- DSP on board with 8 presets
- Input panel with XLR «in&link», volume, preset, delay, phase, GND lift switch
- SPL (cont/peak) 135/139dB half-space
- Suspension hardware fully compatible with MITUS 206LA
- Completely Manufactured in Italy



DESCRIPTION

The FBT MITUS 118FSA/FSCA powered subwoofer meet the following performance criteria: frequency response of 33Hz to 100Hz, Spl cont/peak of 135/139dB half-space. The FBT MITUS 118FSA/FSCA is a hybrid band-pass cardioid arrayable subwoofer design incorporating 1x18" B&C neodymium magnet high excursion woofer with 3.5" voice coil. Hybrid configuration permit to obtain extension and speed of vented with high SPL and acoustic filtering of band pass. The FBT MITUS118FSA/FSCA suspension hardware, fully compatible with MITUS 206LA, allows the enclosure to be suspended front (FSA model) or rear-firing (FSCA model) for easy cardioid configuration. The FBT MITUS 118FSA/FSCA provides a DSP with 8 presets; the control panel provides XLR «in&link», volume, preset, delay, phase 0°-180°, ground lift switch. The FBT MITUS 118FSA/FSCA feature Baltic birch plywood construction covered in a scratch resistant black paint.

TECHNICAL SPECIFICATIONS

GENERAL

Configuration		Band pass subwoofer
Low frequency woofer	inch	1 x 18 - 3.5 coil

ACOUSTIC SPEC.

Frequency response	(@ -6dB)	33Hz - 100Hz
SPL max. (cont / peak)**	dB	135 / 139 half space
Dispersion		Omnidirectional
Crossover Frequency		Preset dependant

POWER SUPPLY

AC Power requirement	VA	640
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INPUTS / OUTPUTS

Connectors		XLR with loop
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AMPLIFIER

Built-in amplifier* max	W RMS	1200
Built-in amplifier* peak	W	2400

MECHANICAL SPEC.

Material		Birch plywood
Net size (WxHxD)	mm inch	576 x 500 x 756 22.67 x 19.68 x 29.76
Net weight	kg Lbs	45 99.2

*MAX.: 2mS burst, rms power on nominal speaker impedance

MAX PEAK: based on max peak output voltage and nominal speaker impedance

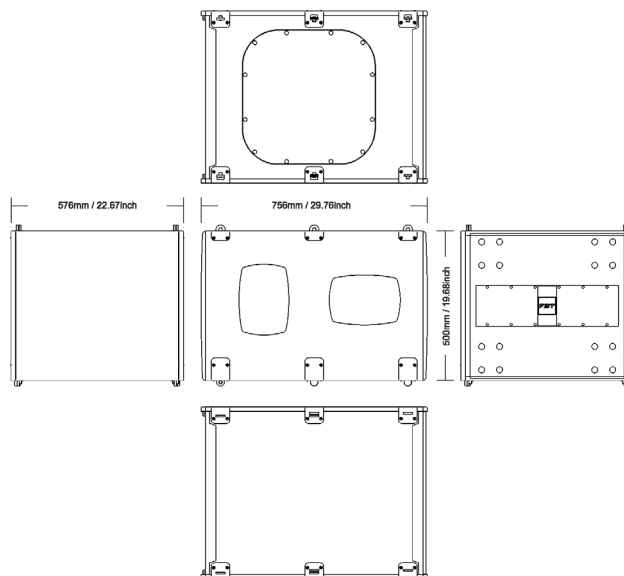
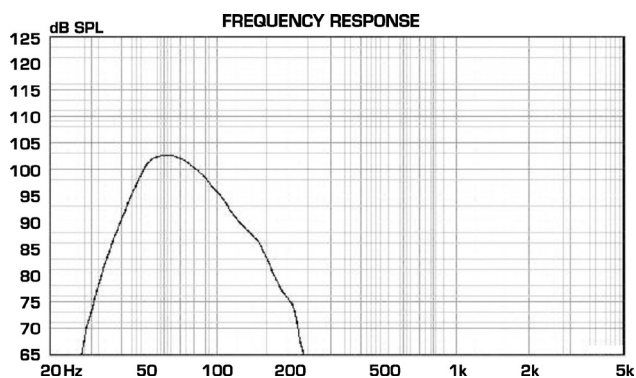
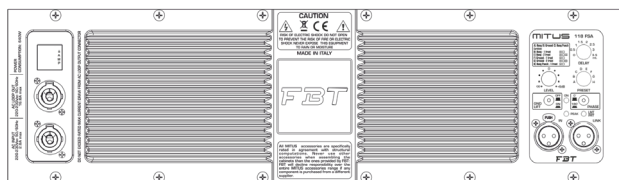
**CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average

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

FBT S.p.A. strive to improve their products continuously, and therefore reserve the right to make changes to the drawings and technical specifications at any time and without notice.

CONNECTION PANEL

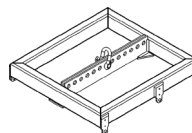
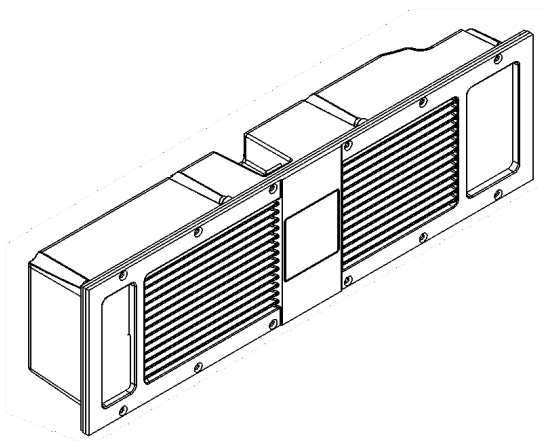
DIMENSION DRAWING



AMPLIFIER MODULE

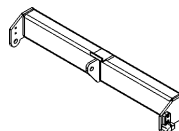
ACCESSORIES

The FBT MITUS 118FSA/FSCA provides a high efficiency class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This provides maximum protection of the electronics from dust or dirt, prevents air loss through the input control panel that can cause fastidious noise, and it maximizes heat dissipation avoiding the use of a fan to cool the circuitry.



KMS 325

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



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.