

Processed 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
- Sound reinforcement for live events: Touring, Bands, Orchestras

MAIN FEATURES

- 18mm / 0.70" birch plywood enclosure
- 1200W RMS class D amplifier
- 460mm/18" custom B&C neodymium magnet with
- 75mm/3" coil
- Frequency response 36Hz - 100Hz
- Input panel with XLR in & link, volume, preset, delay,
- phase, GND lift
- SPL capability 139dB
- 4 swivel mount casters 3.15" on request
- 8 M10 fly points
- Completely Manufactured in Italy



DESCRIPTION

The FBT MITUS 118SA, 18" compact vented band-pass subwoofer is the perfect low-frequency extension for the MITUS range and the ideal companion for the FBT MITUS 206LA line array for ground stack applications with optional metal base. The FBT MITUS118SA shall meet the following performance criteria: Frequency response of 36Hz to 100Hz, Maximum SPL of 139dB peak, Class D amplifier 1200W RMS. The FBT MITUS 118SA provides a DSP with 8 presets-cardioid and infra configurations. The FBT MITUS 118SA feature 0.70" Baltic birch plywood construction covered in a scratch resistant black paint with eight M10 fly points, M20 top-mounted stand adapter and two FBT design aluminium handles. The control panel provides XLR in & link, volume control, preset, delay, phase 0°-180°, GND lift.

TECHNICAL SPECIFICATIONS

GENERAL

Configuration		Vented band pass
Low frequency woofer	inch	1 x 18 - 3 coil

ACOUSTIC SPEC.

Frequency response	(@ -6dB)	36Hz - 100Hz
SPL max. (cont / peak)**	dB	135 / 139
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* cont/max	W RMS	800 / 1200
Built-in amplifier* peak	W	2400
Input impedance	kOhm	22

MECHANICAL SPEC.

Material		Birch plywood
Net size (WxHxD)	mm inch	574 x 594 x 730 22.6 x 23.4 x 28.7
Net weight	kg Lbs	47 103.6

*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

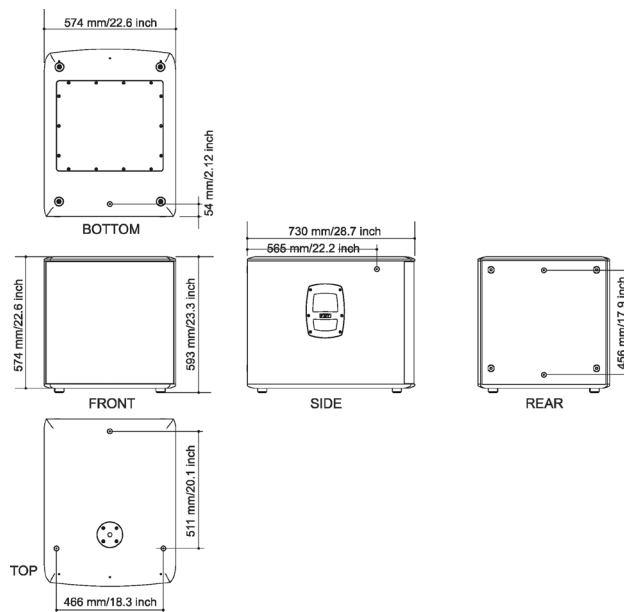
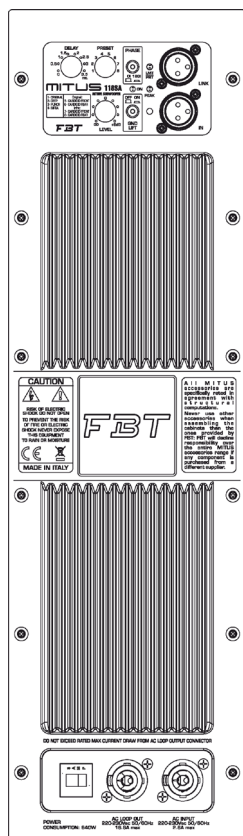
**CONT. SPL: half space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average

PEAK SPL: half space, based on max peak power amp rating and system peak sensitivity, 10mS time average

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

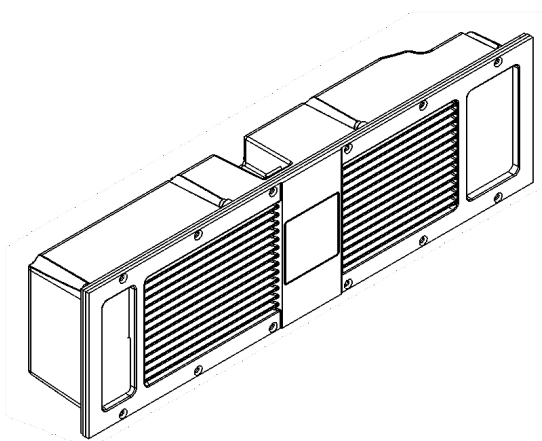
DIMENSION DRAWING



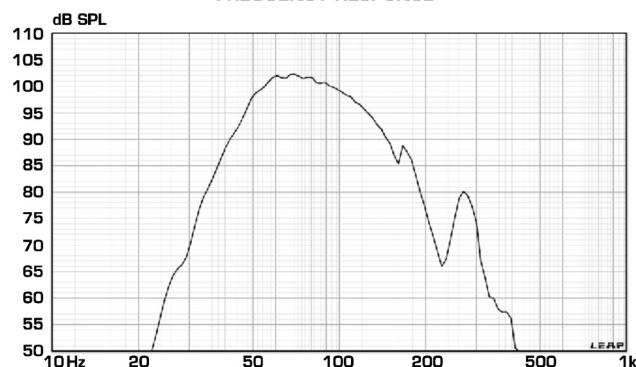
AMPLIFIER MODULE

DIAGRAMS

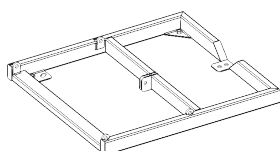
The FBT MITUS 118SA provides a high efficiency class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This provides maximum protection of the electronics from dust or dirt, prevents air loss through the input control panel that can cause fastidious noise,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



FREQUENCY RESPONSE



ACCESSORIES



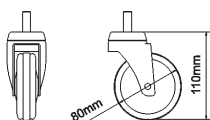
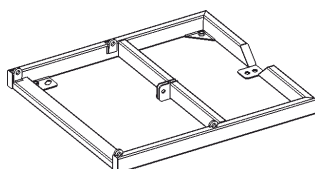
MT-B206

Metal base to ground MITUS 206LA array or stack on MITUS 118SA

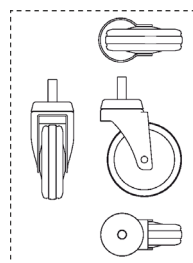


BOX-62BK

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



Swivel wheel for easy transport when the metal base lays on the ground



OPTIONAL WHEELS