



MITUS

118SA

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

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

PROCESSED ACTIVE SUBWOOFER



PRODUCT 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.

ELECTRICAL PERFORMANCE

System Type:	vented band pass
Built-in Amplifier*	cont: 800W RMS max: 1200W RMS peak: 2400W RMS
Frequency Response @ -6dB	36Hz - 100Hz
Input Impedance	22k Ohm
Maximum SPL (continuous/peak) **	135dB / 139dB
Dispersion	omnidirectional
Crossover Frequency	preset dependant
AC Power Requirement	640 VA

PHYSICAL

Low Frequency Woofer	1 x 18" - 3" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	22.6" x 23.4" x 28.7" 574 x 594 x 730mm
Shipping Dimensions (WxHxD)	30.7" x 29.92" x 25.19" 640 x 760 x 780mm
Net Weight	103.6 lbs / 47 kg
Shipping Weight	123.9 lbs x 56.2 kg
Enclosure Material	birch plywood

* 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

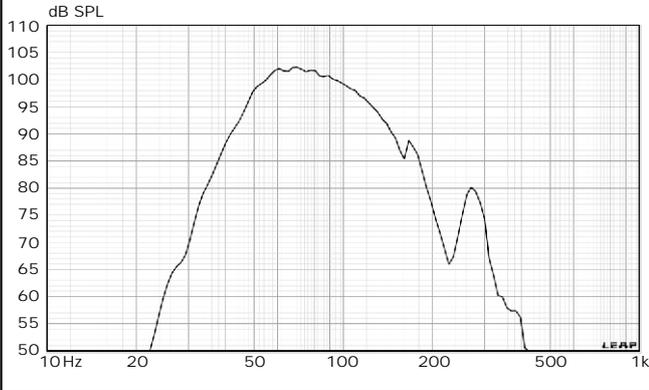


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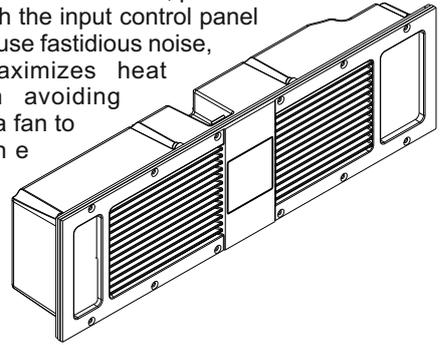
DIAGRAMS

FREQUENCY RESPONSE

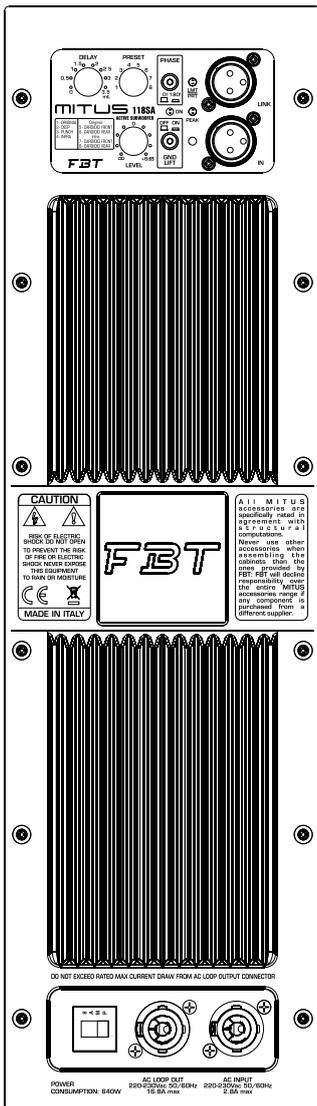


AMPLIFIER MODULE

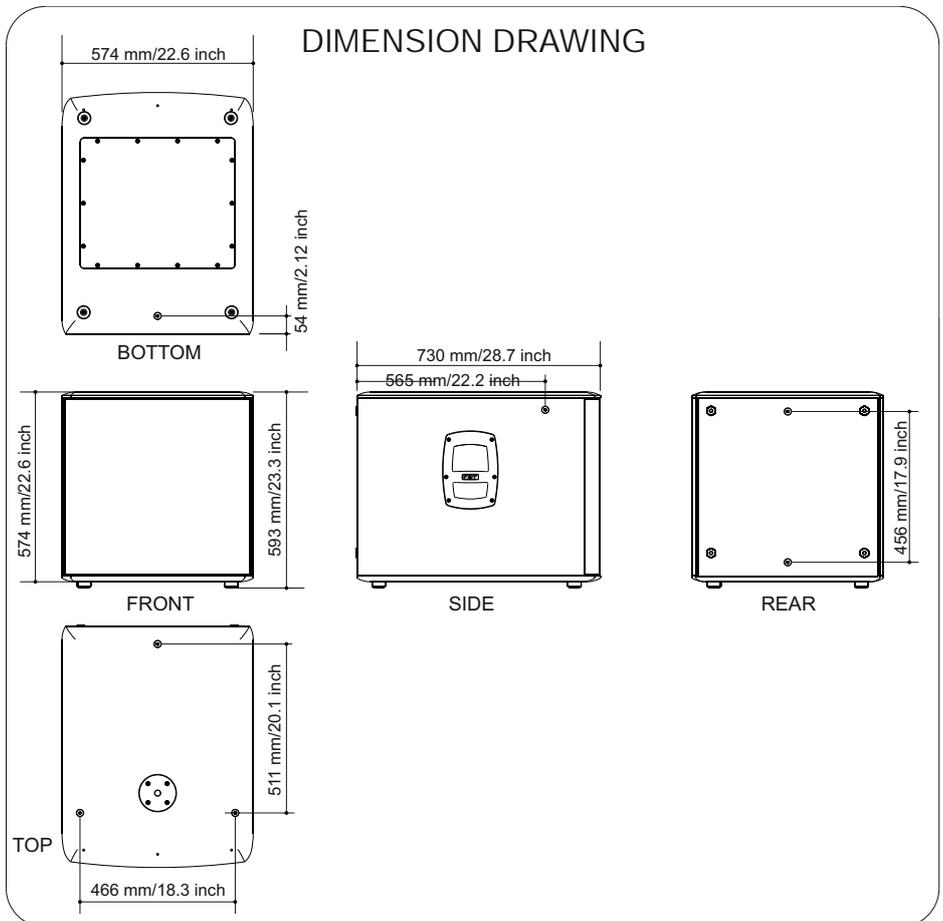
The FBT MITUS 118SA provides a high efficiency class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This provides maximum protection of the electronics from dust or dirt, prevents air loss through the input control panel that can cause fastidious noise,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



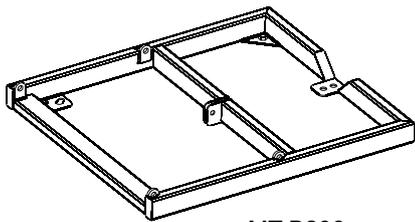
CONNECTION PANEL



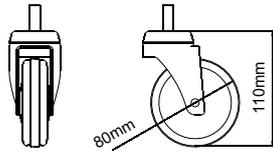
DIMENSION DRAWING



ACCESSORIES



MT B206
*Metal base to ground
MITUS 206LA array or stack
on MITUS 118SA*



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

BOX 62BK
*Adjustable, for sub-satellite
speaker connection with
safety locking device
Ø35mm / 1.38"*



OPTIONAL WHEELS

