



MITUS
118FSA / FSCA

PROCESSED CARDIOID FLYABLE ACTIVE SUBWOOFER

APPLICATIONS

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

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



PRODUCT 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 MITUS 118FSA/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.

ELECTRICAL PERFORMANCE

System Type:	band pass subwoofer
Built in amplifier *	max.: 1200W RMS
	peak.: 2400W
Frequency Response @ -6dB	33Hz - 100Hz
Maximum SPL (continuous / peak) **	135dB / 139dB half space
Dispersion	omnidirectional
Crossover Frequency	preset dependant
AC Power requirement	640 VA

PHYSICAL

Low Frequency Woofer	1 x 18" - 3.5" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	22.83" x 21.25" x 29.72" 580 x 540 x 755mm
Shipping Dimensions (WxHxD)	24.40" x 22.44" x 31.10" 620 x 570 x 790mm
Net Weight	99.2 lbs / 45 kg
Shipping Weight	121.2 lbs x 55 kg
Enclosure Material	birch plywood

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

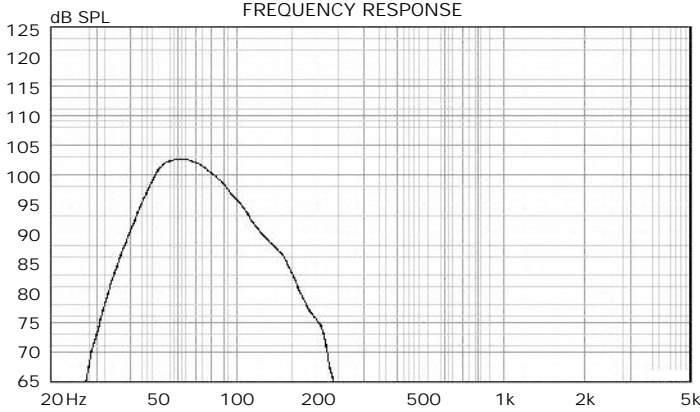
** CONT. SPL: half space, based on power amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: half space, based on peak power amp rating and system peak sensitivity, 10mS time average



MITUS

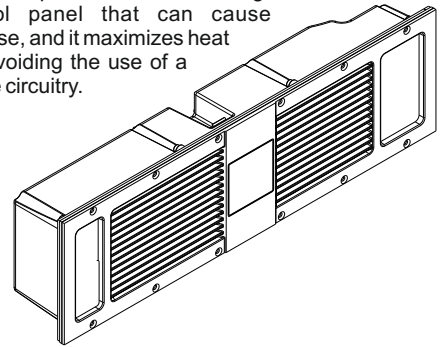
118FSA / FSCA

DIAGRAMS

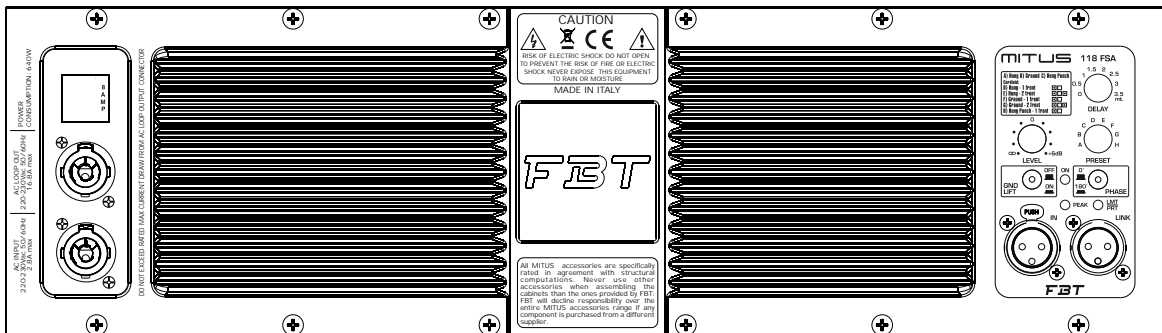


AMPLIFIER MODULE

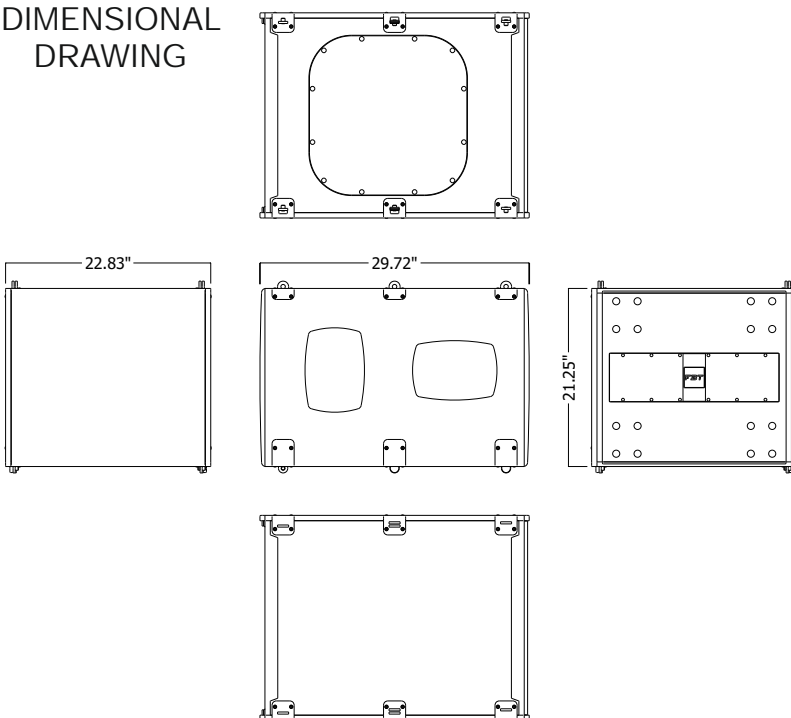
The FBT MITUS 118FSA/FSCA provides a high efficiency class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This provides maximum protection of the electronics from dust or dirt, prevents air loss through the input control panel that can cause fastidious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



CONNECTION PANEL



DIMENSIONAL DRAWING



ACCESSORIES

