FBT

ProMaxX 15Sa

Processed Active Subwoofer

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

- 15mm / 0.59" Baltic birch plywood enclosure
- 1200W RMS class D amplifier
- 380mm/15" high excursion woofer
- Frequency response 38Hz - 120Hz
- Control panel with XLR in & link, Volume, EQ preset, Delay, phase switch 0°-180°, GND lift switch
- SPL capability 136dB
- Digital signal processor with 8 preset
- M20 top mount speaker stand socket
- Two aluminum carrying handles
- Completely Manufactured in Italy

Designed, Engineered
and Manufactured in ITALY

PRODUCT DESCRIPTION

The FBT ProMaxX 15SA, 15" compact band-pass subwoofer is the perfect low-frequency extension for the ProMaxX range. The FBT ProMaxX 15SA shall meet the following performance criteria: Frequency response of 38Hz to 120Hz, Maximum SPL of 136dB peak, Class D 1200W RMS power amplifier with high efficiency switch mode power supply enclosed inside a thermally efficient lightweight aluminum die-cast chassis.. The FBT ProMaxX 15SA provides a DSP with 8 presets, 2 equalization with 4 LPF different frequency. The FBT ProMaxX 15SA feature 0.59" Baltic birch plywood construction covered in a scratch resistant black paint with M20 top-mounted stand adapter and two FBT design aluminium handles. The control panel provides XLR in &link, Volume control, EQ preset, Delay, phase switch 0°-180°, GND lift switch.

ELECTRICAL PERFORMANCE

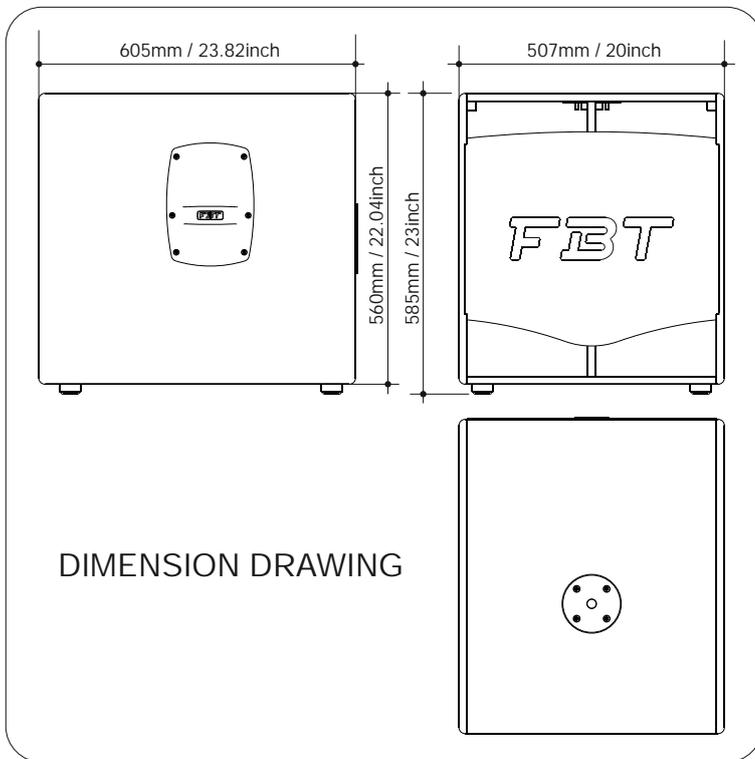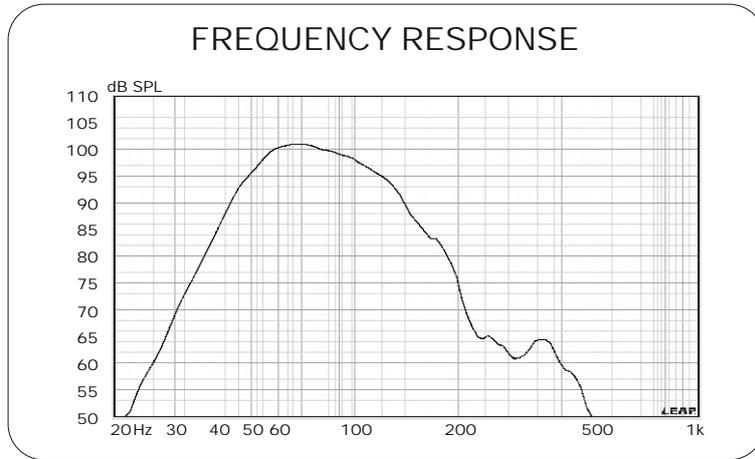|	
System Type:	band-pass
Built-in Amplifier *	cont: 800W RMS
	max: 1200W RMS
	peak: 2400W RMS
Frequency Response @ -6dB	38Hz - 120Hz
Input Impedance	22k Ohm
Maximum SPL (continuous/peak) **	132dB / 136dB
Dispersion	omnidirectional
Crossover Frequency	preset dependant
AC Power Requirement	640 VA

PHYSICAL

Low Frequency Woofer	1 x 15" - 3" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	20" x 23" x 23.82" 507 x 585 x 605mm
Shipping Dimensions (WxHxD)	24.2" x 26.4" x 28.2" 615 x 670 x 715mm
Net Weight	65 lbs / 29.5 kg
Shipping Weight	73.8 lbs x 33.5 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 continuos 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

FREQUENCY RESPONSE

DIMENSION DRAWING

605mm / 23.82inch

507mm / 20inch

560mm / 22.04inch

585mm / 23inch

AMPLIFIER MODULE

The FBT ProMaxX 15SA 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