SUBLine 15SA
Processed Active Subwoofer

LIGHTWEIGHT | PWM AMPLIFIER | SWITCH MODE POWER SUPPLY | DIGITAL PROCESSOR

APPLICATIONS

- D.J. System
- School & Corporate Audio Visual Sound Reinforcement
- Background Music: Restaurants, Pubs
- Clubs /Auditoriums /Theatres
- Gyms /Houses of Worship

FEATURES

- Compact with high SPL and punch
- 15" high excursion magnet woofer with 3" voice coil custom made for FBT
- 600W RMS class D power amplifier with switch mode power supplies
- Digital signal processor with 4 presets
- 5/8" Baltic birch plywood cabinet
- M20 top mount speaker stand socket
- Two aluminum carrying handles
- Very lightweight, only 59.52 lb

Designed, Engineered and Manufactured in ITALY

PRODUCT DESCRIPTION

The FBT SUBLine 15SA is an extremely compact band-pass design subwoofer with high SPL and punch. The FBT SUBLine 15SA feature 5/8" Baltic birch plywood construction covered in a scratch resistant black paint with two aluminum carrying handles; an M20 top mounted stand adapter allows satellite speakers, such as the FBT speaker series and others, to placed above the subwoofer cab. The FBT SUBLine 15SA features a 15" high excursion magnet woofer with 3" voice coil custom made for FBT. The FBT SUBLine 15SA provides an FBT's new Digital Signal Processor with 4 presets, 2 equalization with 2 LPF crossover setting. The FBT SUBLine 15SA shall meet the following performance criteria: Frequency Response of 38Hz to 120Hz, Maximum SPL of 135dB peak, 600W RMS class D power amplifier with switch mode power supply; the control panel features Stereo Combo XLR/Jack IN/OUT, Stereo XLR HP Filter Out, Volume, Preset, Phase reversal switch 0°-180°, 3 status led indicators. The FBT SUBLine 15SA provides additional low frequency reinforcement when used along with 2-way FBT speakers.

ELECTRICAL PERFORMANCE

System Type:		1 way
Internal Amplifier *	cont.:	400W RMS
	max.:	600W RMS
	max. peak:	1200W
Low Frequency Woofer		1x15" - 3" coil
Frequency Response @ -6dB		38Hz - 120Hz
Input Impedance		22kOhm
Maximum SPL (continuous/peak)**		131dB / 135dB half space
Dispersion		omnidirectional
Active Crossover Frequency		preset dependant
AC Power Requirement		450VA

PHYSICAL

Input Connectors	Stereo XLR with loop
Net Dimensions (WxHxD)	18,91" x 22,06" x 23,44"
Shipping Dimensions (WxHxD)	23.22" x 26.18" x 27.75"
Net Weight	59.52 lbs
Shipping Weight	59.52 lbs
Enclosure Material	birch plywood
Power Supply Cable	16.4 ft

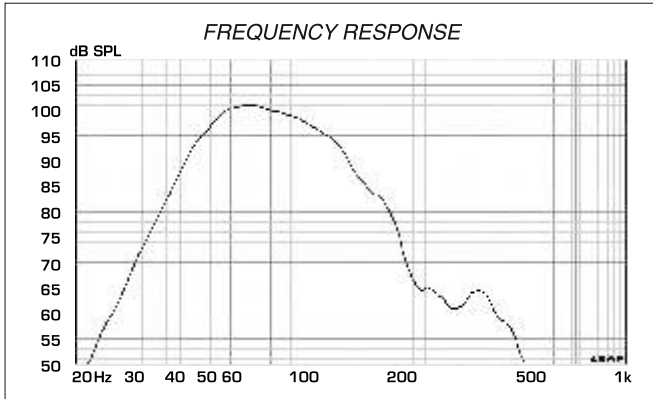***** CONT: 500mS, RMS power on nominal speaker impedance
MAX: 2mS burst, RMS power on nominal speaker impedance
MAX PEAK: based on max peak output voltage and nominal speaker impedance

** 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
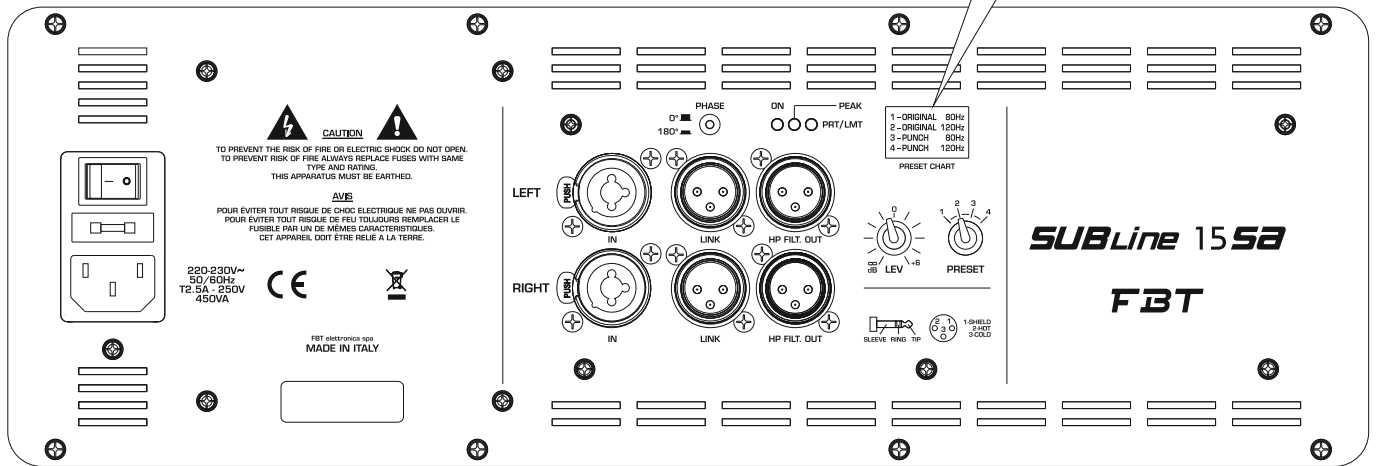
FREQUENCY RESPONSE

Instead of rotary EQ. controls, FBT's new Digital Signal Processor with factory equalization presets provides simple and efficient EQ adjustment. Hundreds of hours of testing in the anechoic chamber in our factory went into the development of these presets to optimize the speakers for use for numerous applications.
Presets feature different cut-off frequencies enabling sub configuration with any other speaker.

CONTROL PANEL

PRESET CHART
1 – ORIGINAL 80Hz
2 – ORIGINAL 120Hz
3 – PUNCH 80Hz
4 – PUNCH 120Hz

CAUTION
TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT OPEN.
TO PREVENT RISK OF FIRE ALWAYS REPLACE FUSES WITH SAME TYPE AND RATING.
THIS APPARATUS MUST BE EARTHED.

AVIS
POUR EVITER TOUT RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR.
POUR EVITER TOUT RISQUE DE FEU TOUJOURS REMPLACER LE FUSIBLE PAR UN DE MÊMES CARACTERISTIQUES.
CET APPAREIL DOIT ÊTRE RELIÉ A LA TERRE.

220-230V~
50/60Hz
T2.5A - 250V
450VA

FBT elettronica spa
MADE IN ITALY

DIMENSION DRAWING

Front View

Side View

Back View

Top View

1- TOP MOUNT SPEAKER STAND SOCKET
2- ALUMINUM CARRYING HANDLES
3- METAL PROTECTIVE GRILL
4- TUNED PORTS
5- CONTROL PANEL
6- WOOFER

ONLY FOR GROUND STACK CONFIGURATION

FBT Elettronica SpA has the right to amend products and specifications without notice.