

APPLICATIONS

- Live Sound P.A. System or Live Sound Monitor, D.J. System
- School & Corporate Audio Visual Sound Reinforcement
- Background Music/Announcement: Restaurants, Pubs
- Transportation Terminals, Clubs, Auditoriums, Theatres
- Gyms, Houses of Worship

FEATURES

- Lightweight Polypropylene Cabinet, 55,12 lbs
- Bi amplified: 450W RMS LF & 150W RMS HF
- 15" B&C custom neodymium woofer with 2.5" voice coil
- B&C HF compression driver with 1.4" voice coil and 1" exit
- Control Panel with Master volume control, Preamp gain control, 3 band eq, Ground lift switch, Neutrik balanced inp/out
- Multiple mounting options: "wall, ceiling, cluster, speaker stand"
- Four M10 fly points
- Optional Carrying Bags available for protection for portable use
- High SPL capability: 130dB
- Completely Manufactured in Italy



PRODUCT DESCRIPTION

The FBTMaxX 5A active speaker feature lightweight, yet rugged gas injected molded polypropylene cabinet construction. The asymmetrical shape of the FBTMaxX 5A cabinet also allows use as a floor stage monitor. The FBTMaxX 5A is a two way design incorporating a 15" custom B&C woofer with a neodymium magnet and a 1" throat B&C compression with 1,4" voice coil coupled to a 90°H x 60°V horn. The active internal crossover is at a fixed frequency of 1.8k. With a frequency range of 40Hz-20kHz, the FBTMaxX 5A provides hi fidelity sound for both speech and music applications with a maximum SPL of 130dB. A front face steel grille protects the woofer from external damage. FBT's ADAP (Advanced Dynamic Active Protection) circuitry protects speaker/driver components against failure. The bi amplified FBTMaxX5A active speaker features a 450W RMS PWM low frequency amp and a 150W RMS Class AB high frequency amp. The control panel features a master volume control, preamp gain control, 3 band eq. with ± 15 dB of cut/boost @ 80Hz LF, ± 12 dB of cut/boost @ 2,5k midrange and ± 15 dB cut/boost @ 10kHz HF, a balanced Neutrik input combo jack, balanced XLR link output jack, ground lift switch and led power on. The four M10 fly points built into the cabinet, along with the optional Box 104 & Box 105 mounting brackets allow the FBTMaxX 5A speakers to be surface mounted on walls or ceilings. A standard 1.38" speaker stand socket allows the FBTMaxX 5A to be mounted on speaker stands.

ELECTRICAL PERFORMANCE

System Type	2 Way
Internal Amplifiers*	cont.: 400W+100W RMS max.: 450W+150W RMS max. peak: 900W+300W RMS
Low Frequency Woofer	1 x 15" - 2,5" coil
High Frequency Driver	1 x horn - 1,4" coil
Frequency Response @ -6dB	40Hz - 20kHz
Input Impedance	22kOhm
Input Sensitivity	0dBu line
Maximum SPL (continuous/peak)**	125dB / 130dB
Dispersion	90°H x 60°V
Active Crossover Frequency	1,8kHz
AC Power Requirement (continuous/peak)	400/800VA

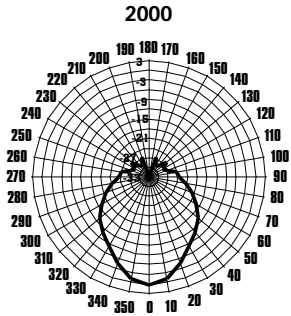
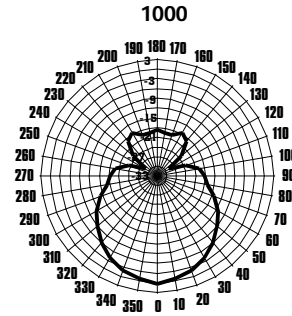
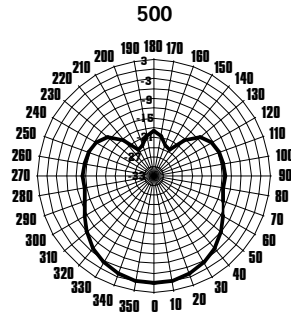
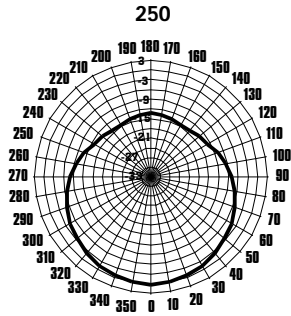
PHYSICAL

Input Connectors	Combo / XLR
Net Dimensions (WxHxD)	19" x 29,8" x 15,7"
Shipping Dimensions (WxHxD)	23,4" x 34,6 x 20,3"
Net Weight	55,12 lbs
Shipping Weight	63,93 lbs
Enclosure Material	Polypropylene
Grille	Steel with powder coat black paint finish
Mounting Hardware	Mounting Hardware
Power Supply Cable	197 inch

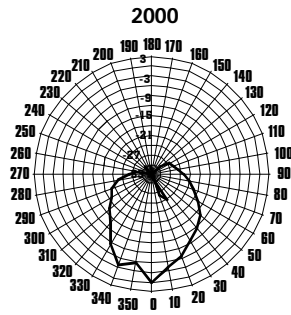
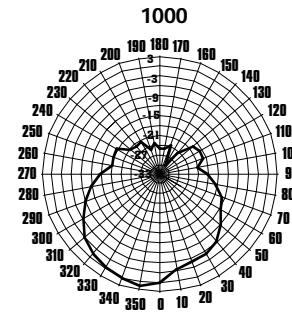
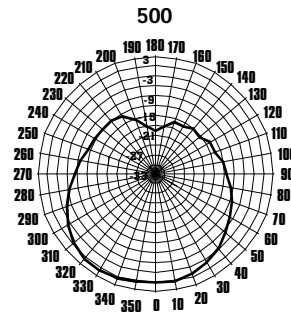
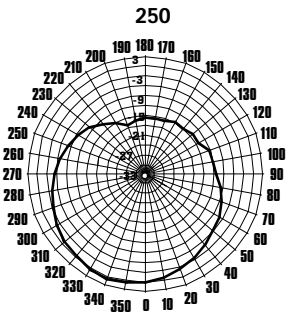
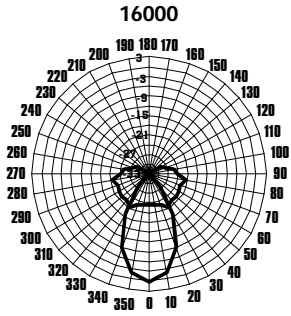
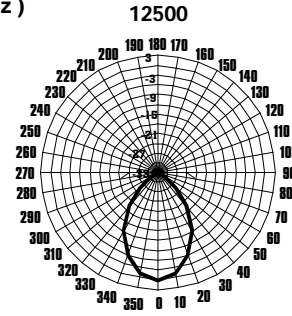
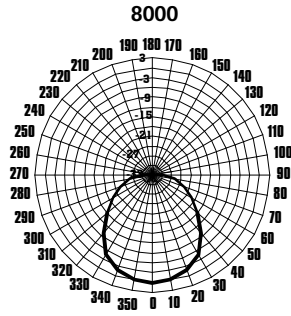
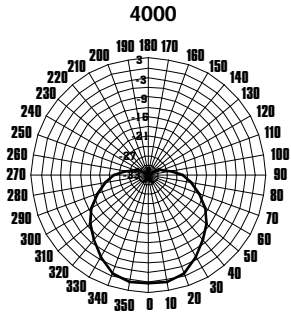
* CONT. : 500ms burst, rms power on nominal speaker impedance
MAX: 2ms burst, rms power on nominal speaker impedance
MAX PEAK: based on max peak output voltage and nominal speaker impedance

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

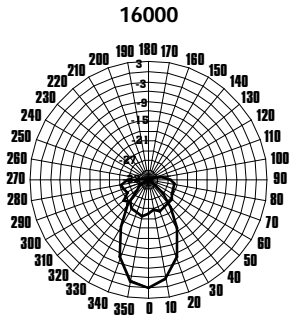
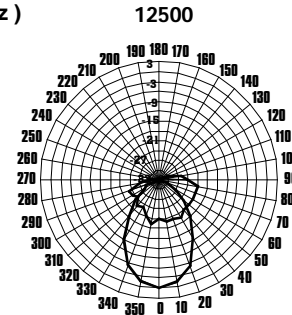
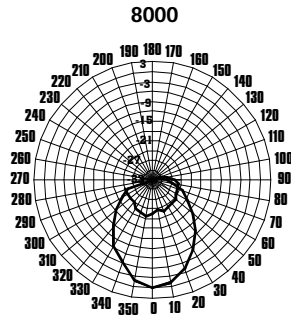
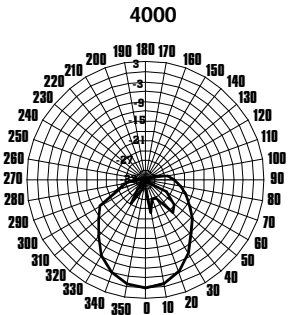
DIAGRAMS



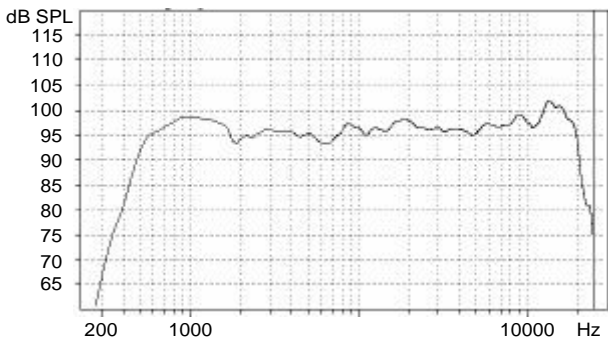
HORIZONTAL (Hz)



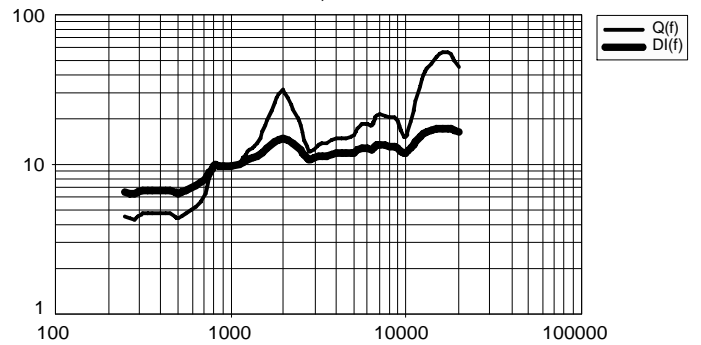
VERTICAL (Hz)



FREQUENCY RESPONSE



Q factor, Dindex

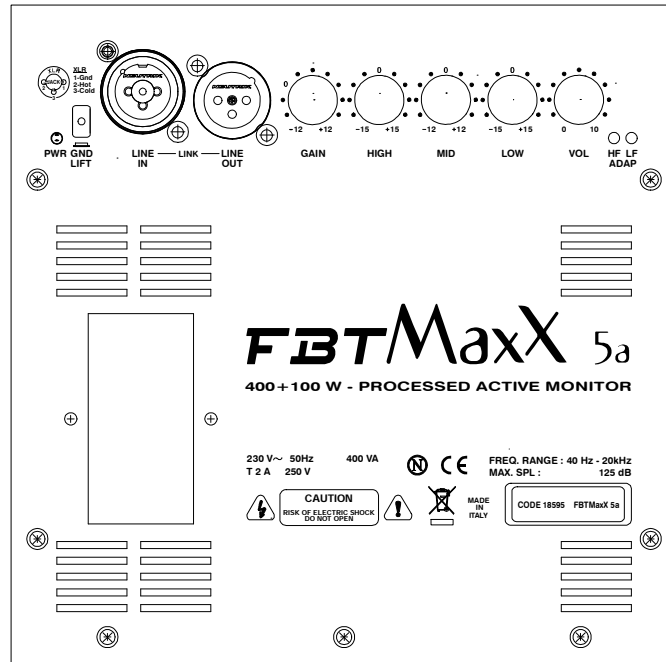


FBT

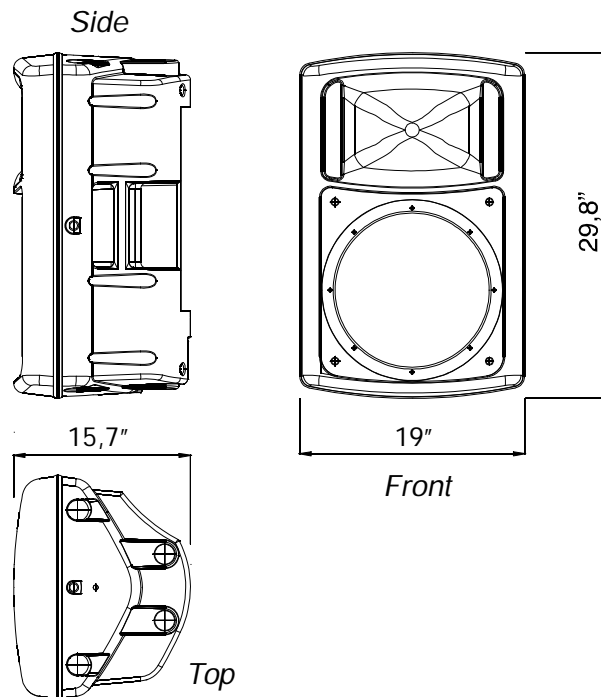
FBTMaxX 5a

PROCESSED ACTIVE MONITOR

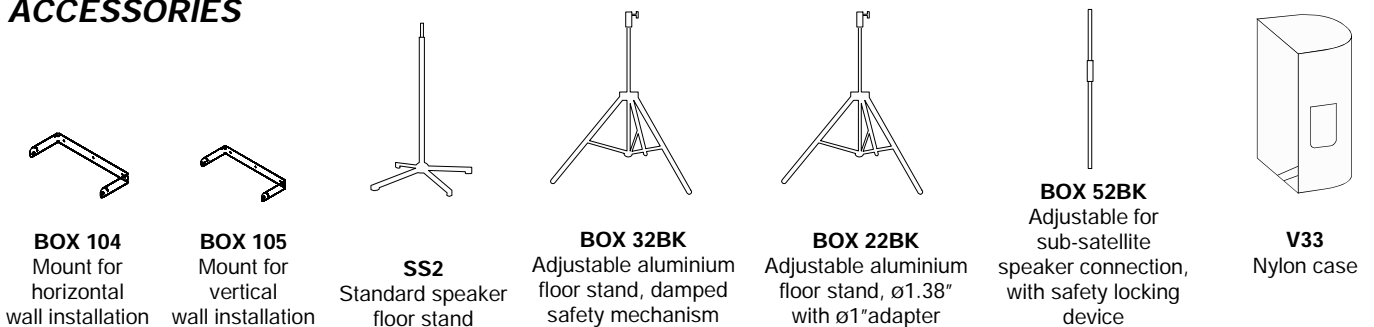
CONTROL PANEL



DIMENSION DRAWING



ACCESSORIES



BOX 104
Mount for
horizontal
wall installation

BOX 105
Mount for
vertical
wall installation

SS2
Standard speaker
floor stand

BOX 32BK
Adjustable aluminium
floor stand, damped
safety mechanism

BOX 22BK
Adjustable aluminium
floor stand, $\varnothing 1.38''$
with $\varnothing 1''$ adapter

BOX 52BK
Adjustable for
sub-satellite
speaker connection,
with safety locking
device

V33
Nylon case