

Processed Active Monitor

MAIN 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

MAIN FEATURES

- Lightweight Polypropylene Cabinet, 62,4 lbs
- Built-in amplifier max. 1100W RMS LF / 250W RMS HF
- B&C custom designed 15" neodymium woofer with 3" voice coil
- B&C 1.4" compression driver with 2.5" voice coil
- Control panel with Volume control, 3 band Eq., Ground Lift switch, Neutrik balanced in/out, Protection & Limiter led indicators, Peak indicator
- Multiple mounting options: wall, ceiling, cluster, speaker stand. Optional accessories required.
- Four M10 fly points
- Optional Carrying Bags available for protection for portable use
- High SPL capability: 135dB
- Asymmetrical profile allows use as a floor stage monitor



DESCRIPTION

The FBT HiMaxX 60A speaker features lightweight, yet rugged gas injected molded polypropylene cabinet construction. The asymmetrical shape of the HiMaxX 60A cabinet also allows use as a floor stage monitor. The HiMaxX 60A speaker is a two way design incorporating a custom B&C 15" low frequency woofer 3" voice coil with a neodymium magnet structure, die cast aluminum frame and a B&C 2,5" voice coil compression driver coupled to a 90°H x 60°V horn with a 1,4" exit. The active internal crossover is at a fixed frequency of 1,2kHz. With a frequency range of 40Hz-20kHz, the HiMaxX 60A provides hi fidelity sound for both speech and music applications with a maximum SPL of 135dB. A front face steel grille protects the woofer from external damage. The bi amplified HiMaxX 60A active speaker features a 1100W RMS Pulse Width Modulation (PWM) low frequency max. amp and a 250W RMS class G high frequency max. amp. The control panel features a Master volume control, 3 band Eq. with -15/+6dB of cut/boost @ 80Hz LF, -15/+15dB of cut/boost @ 2,5k midrange and -15/+6dB cut/boost @ 10kHz HF, balanced XLR link output jack, ground lift switch, led power on, led Peak, protection and limiter overload led indicators. The four M10 fly points built into the cabinet, along with the optional Box 104 or Box 105 mounting brackets allow the HiMaxX 60A speakers to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the HiMaxX 60A to be mounted on speaker stands.

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	2
Low frequency woofer	inch	1x15 - 3 coil
High frequency driver	inch	1,4 - 2,5 coil

ACOUSTIC SPEC.

Frequency response	(@ -6dB)	40Hz - 20kHz
SPL max. (cont / peak)*	dB	129 / 135
Dispersion	H x V	90° x 60°
Active Crossover Frequency		1,2kHz

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

INPUTS / OUTPUTS

Input Connectors		XLR with loop
------------------	--	---------------

AMPLIFIER

Built in amplifier max. (LF / HF)	W RMS	1100 / 250
Input impedance	kOhm	22
Input sensitivity		0dBu line

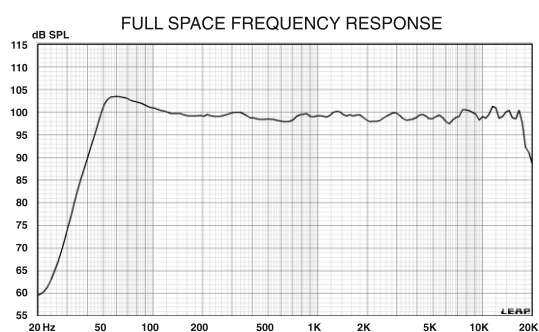
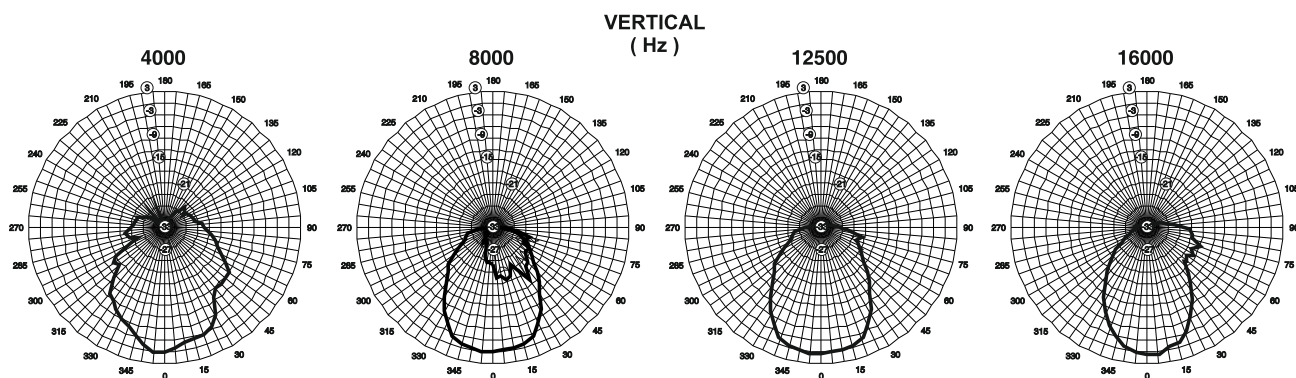
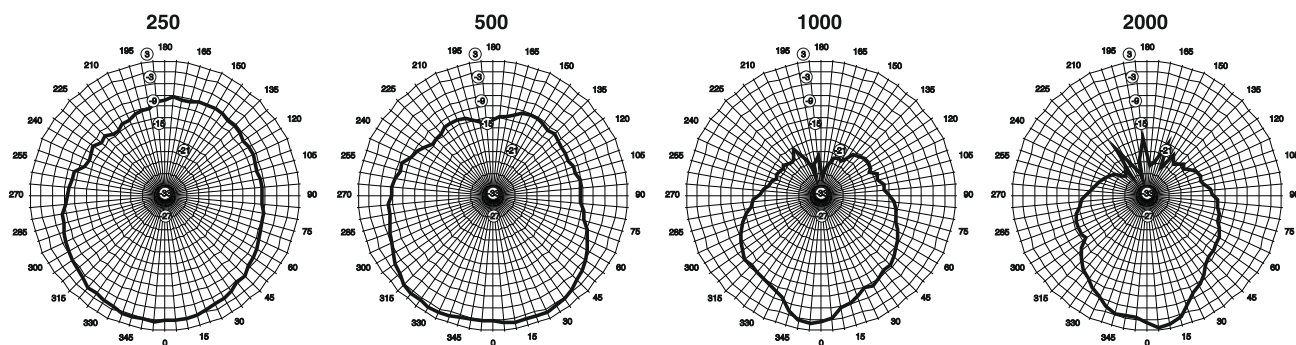
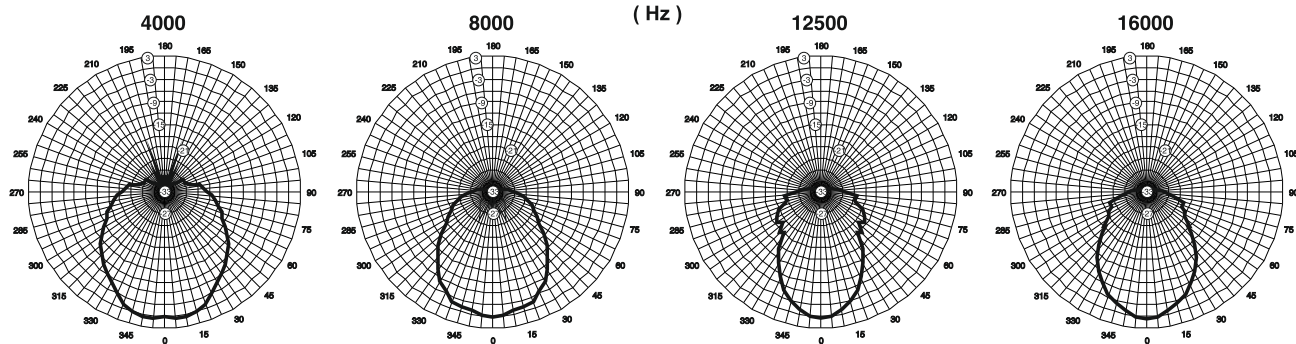
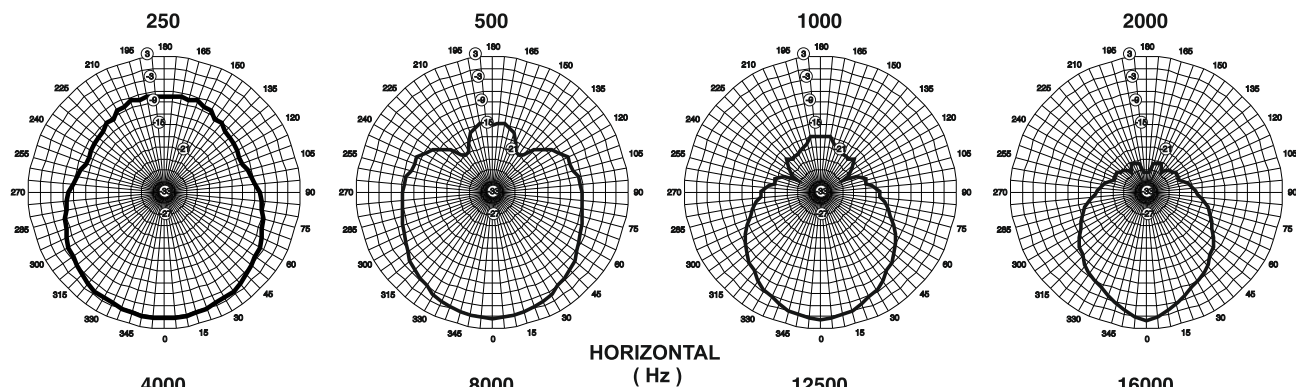
POWER SUPPLY

Power cord	mt ft	5 16,4
------------	----------	-----------

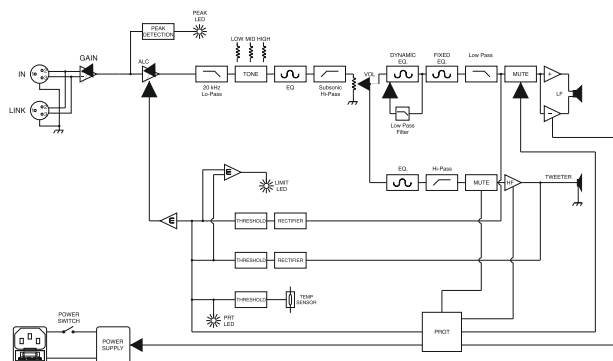
MECHANICAL SPEC.

Material		Polypropylene
Grille		Steel with powder coat black paint finish
Net size (WxHxD)	inch	19 x 29,8 x 16,8
Net weight	Lbs	62,4

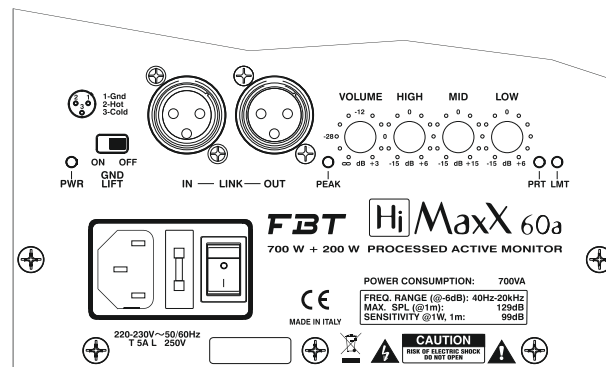
DIAGRAMS



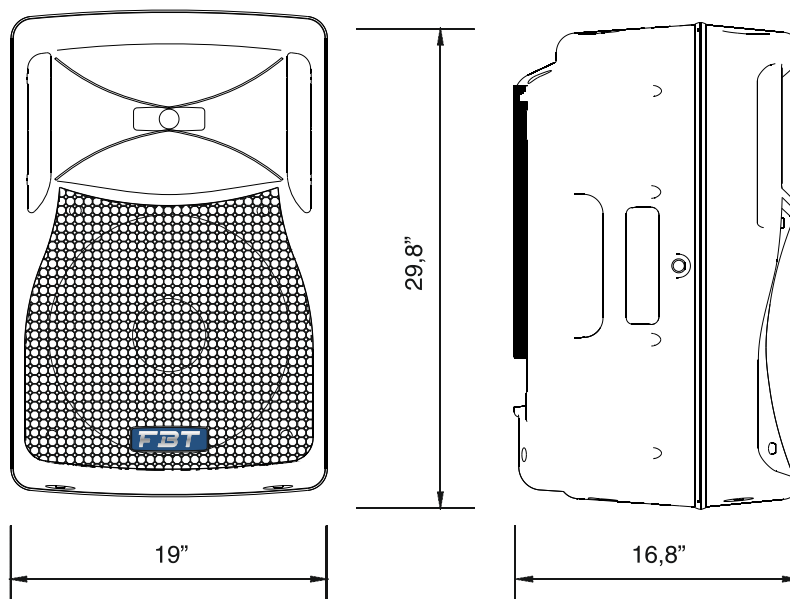
BLOCK DIAGRAM



INPUT CONNECTORS



DIMENSIONAL DRAWING



ACCESSORIES

