

FBT HiMaxX 60a

PROCESSED ACTIVE MONITOR

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, 62,4 lbs
- Bi amplified: 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



PRODUCT 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 amp and a 250W RMS class G high frequency 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 @ 10kHzHF, 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.

ELECTRICAL PERFORMANCE

System Type:	2 Way
Built-in Amplifier LF / HF *	cont.: 700W RMS/200W RMS max.: 1100W RMS/250W RMS peak: 2200W RMS/500W RMS
Frequency Response @ -6dB	40Hz - 20kHz
Input Impedance	22 kOhm
Input Sensitivity	0dBu line
Maximum SPL (continuous/peak) * *	129dB / 135dB
Dispersion	90°H x 60°V
Active Crossover Frequency	1,2 kHz
AC Power Requirement (continuous/peak)	1100 / 2400VA

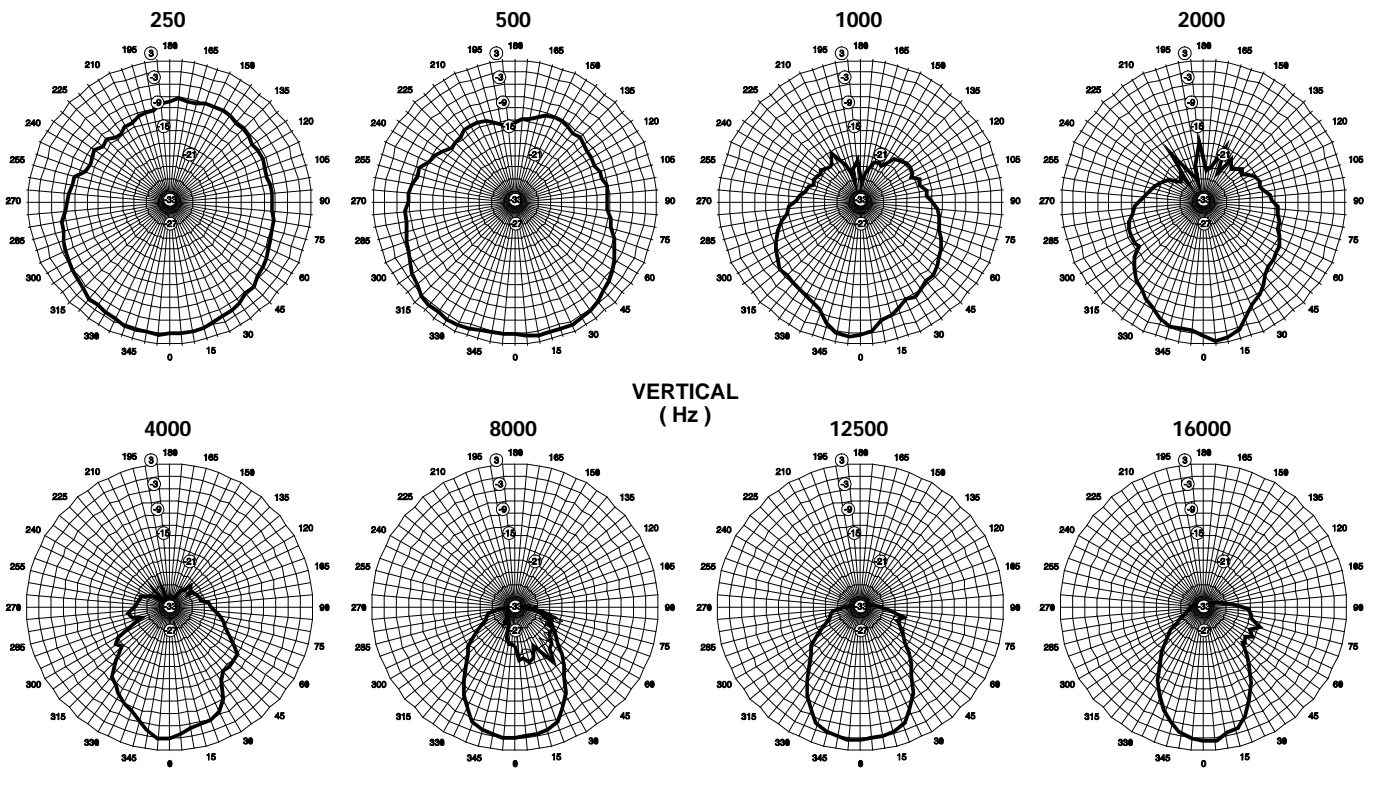
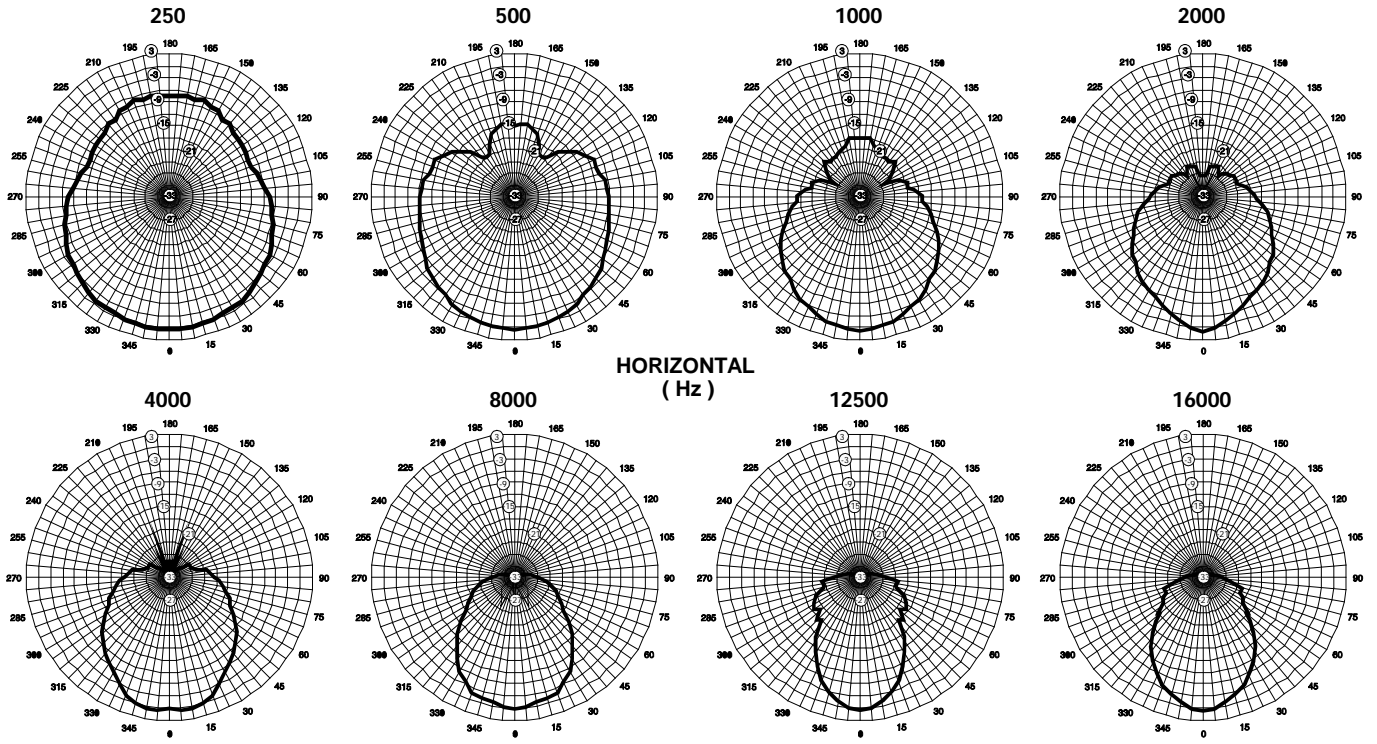
PHYSICAL

Low Frequency Woofer	1x15" / 3" Coil
High Frequency Driver	1,4" - 2,5" Coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	19" x 29,8" x 16,8"
Shipping Dimensions (WxHxD)	20,4" x 34,1" x 23,6"
Net Weight	62,4 lbs
Shipping Weight	66,8 lbs
Enclosure Material	Polypropylene
Grille	Steel with powder coat black paint finish
Power Cord	196 inch

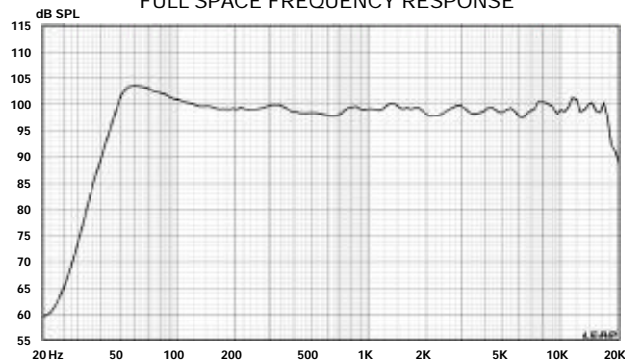
* CONT. : 500ms burst, rms power on nominal speaker impedance
MAX: 2ms burst, rms power on nominal speaker impedance
MAX PEAK: based on max peak output voltage and nominal speaker impedance

** 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



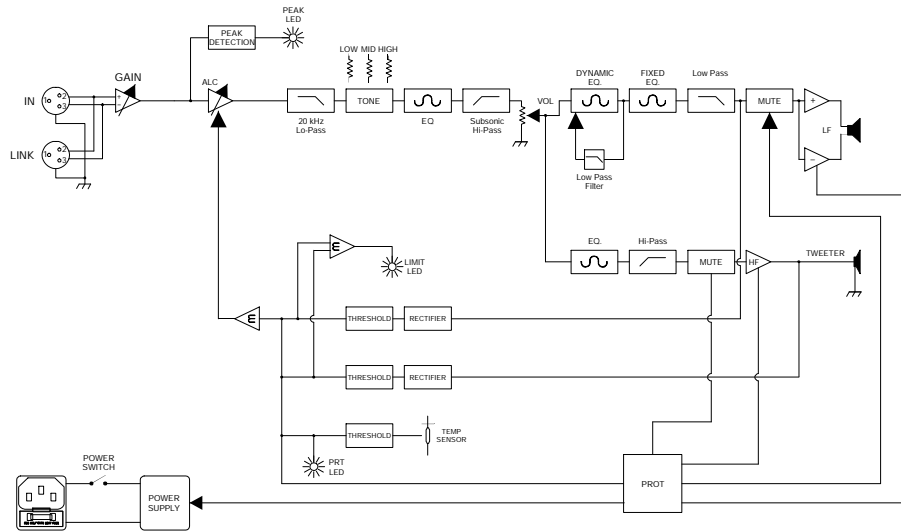
FULL SPACE FREQUENCY RESPONSE



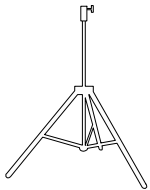
FBT HiMaxX 60a

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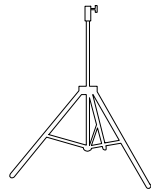
BLOCK DIAGRAM



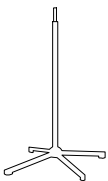
ACCESSORIES



BOX 32BK
Adjustable aluminium floor stand, damped safety mechanism



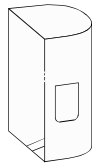
BOX 22BK
Adjustable aluminium floor stand, ø1.38" with ø1" adapter



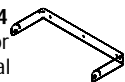
SS2
Standard speaker floor stand



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



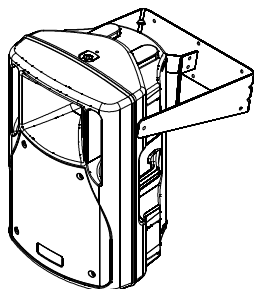
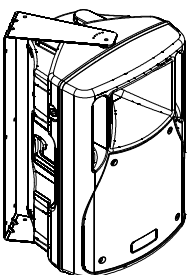
V33
Nylon case



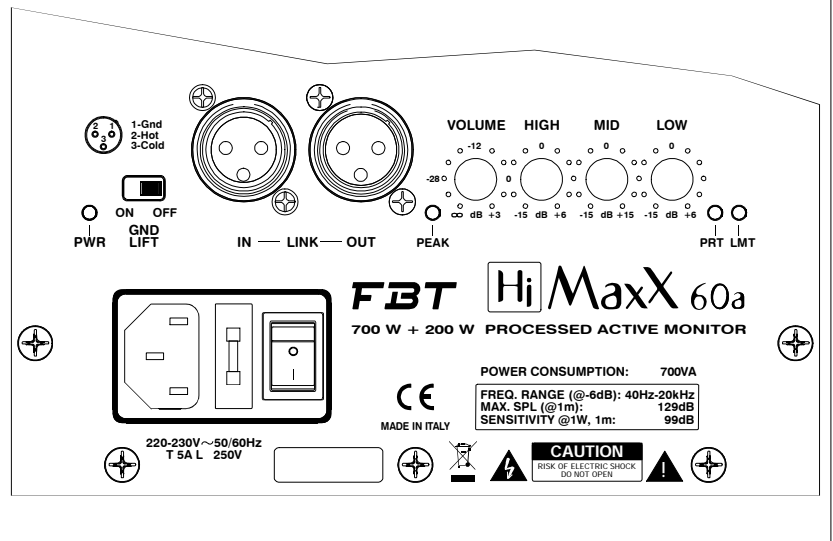
BOX 104
Mount for horizontal wall installation



BOX 105
Mount for vertical wall installation



CONTROL PANEL



DIMENSION DRAWING

