

Sound Reinforcement 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, 35,2 lbs
- Power Handling: 500W RMS @ 8 Ohms
- B&C custom designed 12" neodymium woofer with 3" voice coil
- B&C 1" compression driver with 1.7" voice coil
- Input Panel with 2 x Neutrik Speakon NL-4 jacks
- 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: 129dB
- Asymmetrical profile allows use as a floor stage monitor
- Two ergonomic handles built in for easy carrying



DESCRIPTION

The FBT HiMaxX 40 passive speaker features lightweight, yet rugged gas injected molded polypropylene cabinet construction. The asymmetrical shape of the HiMaxX 40 cabinet also allows use as a floor stage monitor. The HiMaxX 40 passive speaker is a two way design incorporating a custom B&C 12" low frequency woofer 3" voice coil with a neodymium magnet structure, die cast aluminum frame and a B&C 1,7" voice coil compression driver coupled to a 90°H x 60°V horn with a 1" exit. The internal passive crossover filter featuring "soft-trip" circuitry to ensure full protection of LF woofer and HF driver. With a frequency range of 50Hz-20kHz, the HiMaxX 40 provides hi fidelity sound for both speech and music applications with a maximum SPL of 129dB. A front face steel grille protects the woofer from external damage. The rear input panel features 2 Neutrik NL-4 Speakon inputs to allow daisy chaining an additional HiMaxX 40 speaker. The four M10 fly points built into the cabinet, along with the optional Box 100 or Box 101 mounting brackets allow the HiMaxX 40 speakers to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the HiMaxX 40 to be mounted on speaker stands.

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	2
Low frequency woofer	inch	1x12 - 3 coil
High frequency driver	inch	1 - 1,7 coil

ACOUSTIC SPEC.

Frequency response	(@ -6dB)	50 Hz - 20kHz
SPL max. (cont / peak)*	dB	127 / 129
Dispersion	H x V	90° x 60°
Sensitivity	(@1W,1m)	99dB
Crossover Frequency		1,6kHz
Recommended HP Filter		45Hz - 24dB oct.

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

INPUTS / OUTPUTS

Connectors		2 x Speakon NL4
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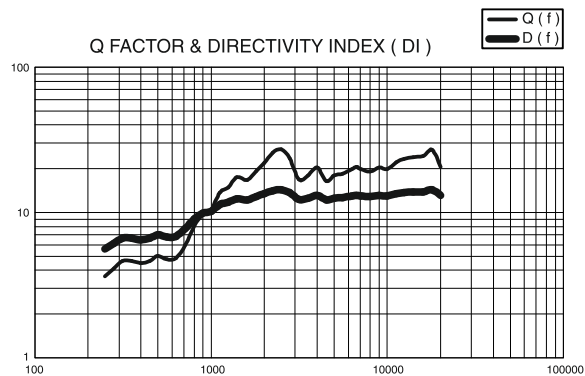
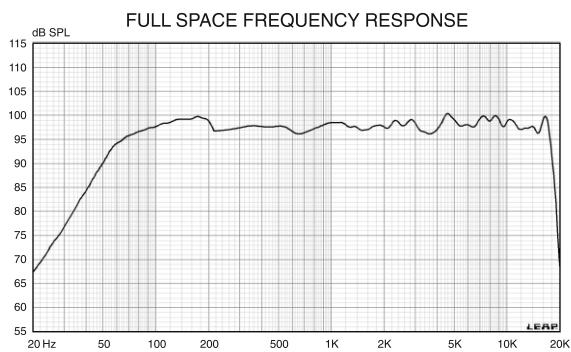
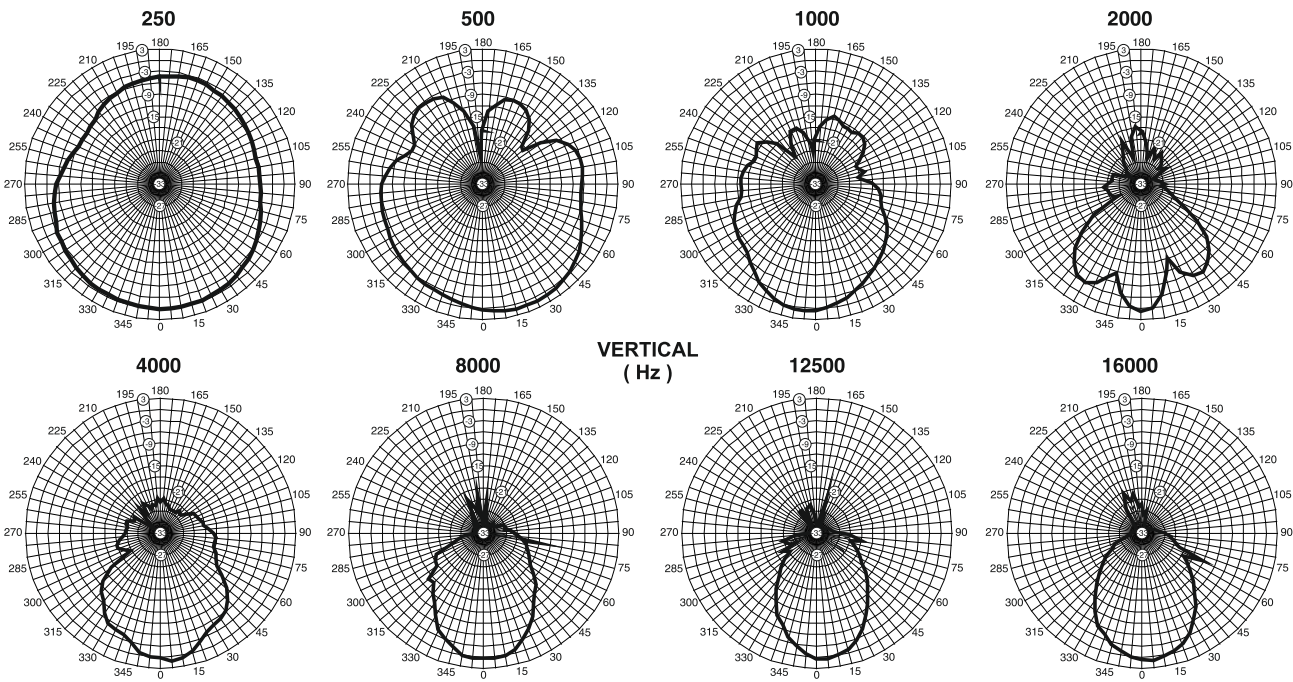
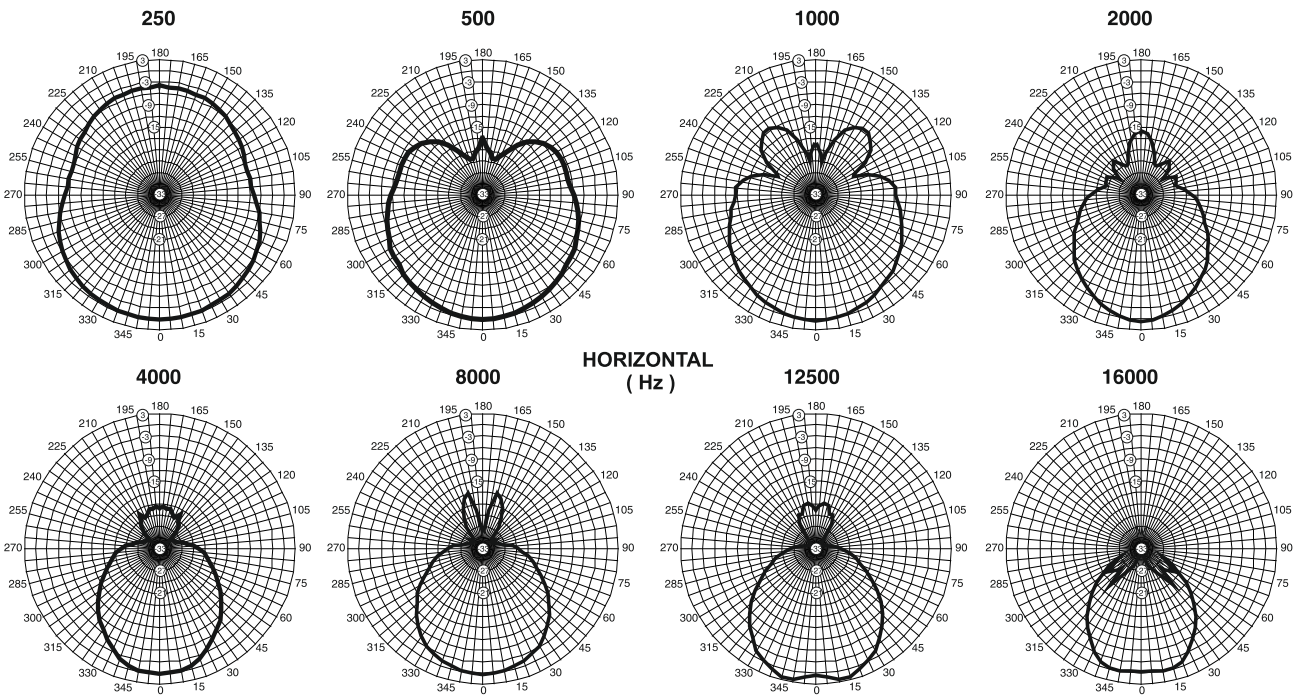
AMPLIFIER

Recommended amplifier	W RMS	500
Long term power AES	W	250
Short term power IEC 268-5	W	1000
Nominal impedance	Ohm	8

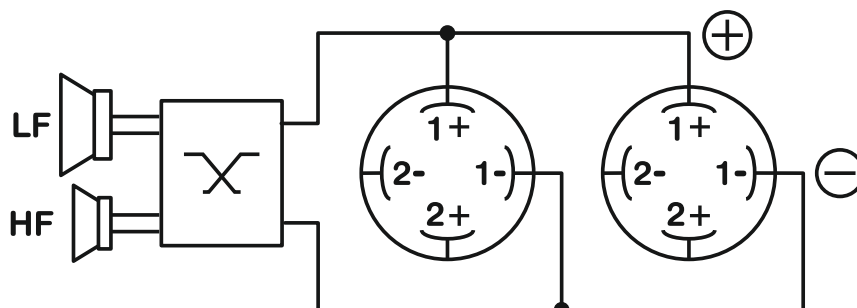
MECHANICAL SPEC.

Material		Polypropylene
Grille		Steel with powder coat black paint finish
Net size (WxHxD)	inch	16 x 24,9 x 14,5
Net weight	Lbs	35,2

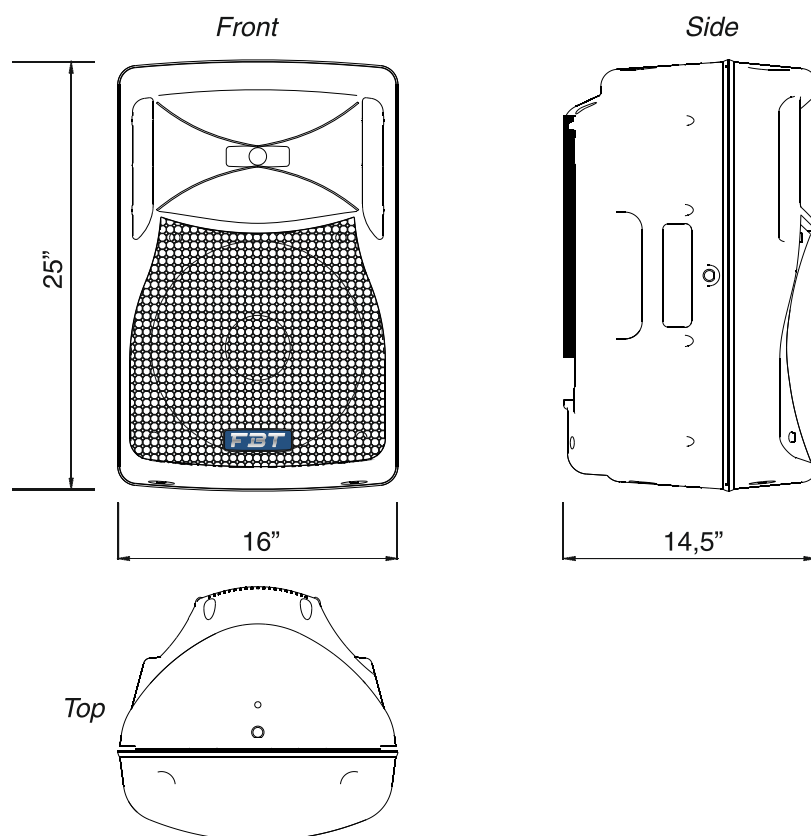
DIAGRAMS



BLOCK DIAGRAM



DIMENSIONAL DRAWING



ACCESSORIES

