



APPLICATIONS

- Band P.A.
- Personal monitor
- Small theatres
- Auditoriums
- Piano bar
- DJ
- Stage monitor
- Conference rooms
- Fixed installations in live clubs
- Pubs
- Gyms



KEY FEATURES

- 2-way bi-amplified system
- Polypropylene molded enclosure
- FBT custom 12" LF woofer / 2" voice coil
- FBT 1" throat / 1,4" voice coil HF compression driver
- 800/200W built-in amplifier LF/HF
- 30° or 45° monitor taper
- Universal switching mode power supply 100-240Vac
- M10 rigging points
- 4 DSP presets



PRODUCT DESCRIPTION

The FBT X-LITE 12A series speakers with integrated mixer feature lightweight, yet rugged gas injected molded polypropylene cabinet construction. Available in black finish the FBT X-LITE 12A series speakers modern cabinet appearance provides fixed installations with an elegant design that blends into any decor. The asymmetrical shape of the FBT X-LITE 12A cabinet also allows use as a powered floor stage monitor. The FBT X-LITE 12A is two way design incorporating a 12" low frequency woofer and 1" HF compression driver coupled to a 90°H x 60°V constant directivity horn. With a frequency range of 50Hz - 20kHz the FBT X-LITE 12A speakers provide high fidelity sound for both speech and music applications with a maximum SPL of 127dB. The bi-amplified FBT X-LITE 12A active speaker feature a 800W low frequency amp and a 200W high frequency amp. The control panel features XLR input and link out, 6,3mm jack stereo input with volume, stereo RCA input with volume, XLR output selector coupled with stereo/mono, HP filter, mic/line, DSP preset selector, prt/lmt led indicator. 4 x M10 rigging points built into the cabinet along with the optional mounting brackets allow the FBT X-LITE 12A speaker to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT X-LITE 12A to be mounted on speaker stand. A front face steel grille protects the speaker from external damage.

ELECTRONIC SPECIFICATIONS

System Type	2 Way
Internal amplifiers* max. LF/HF	800W / 200W
Input Impedance	22 kOhm
Frequency Response	50Hz - 20kHz (@-6dB)
Maximum SPL peak **	127dB
Dispersion	90° H x 60°V
AC Power Requirement	300VA

PHYSICAL SPECIFICATIONS

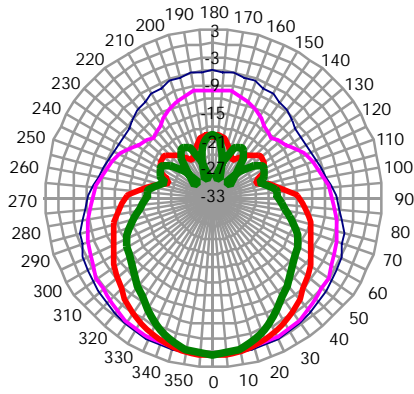
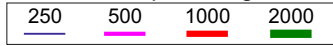
Low Frequency Woofer	12" / 2" coil
High Frequency Driver	1" / 1,4" coil
Input Connectors	XLR-Jack with loop
Net Dimensions (WxHxD) inch	14,01 x 24,37 x 14,05
	mm
	356 x 619 x 357
Shipping Dimensions (WxHxD) inch	17,71 x 28,34 x 17,71
	mm
	450 x 720 x 450
Net Weight	31,96 lbs
Shipping Weight	37,25 lbs
Enclosure Material	polypropylene
Grille	Steel with powder coat black paint finish
Power Cord	16,4ft / 5mt

* Max.: 2mS burst, rms power on nominal speaker impedance

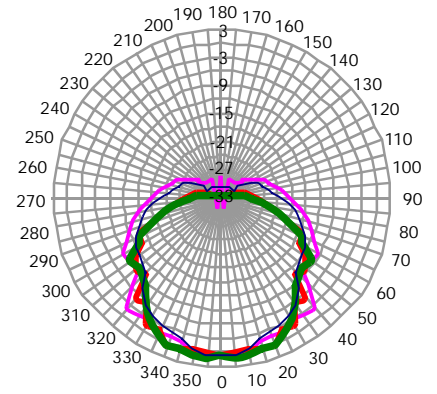
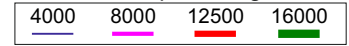
** Peak SPL: free space, based on max. peak power amp rating and system peak sensitivity, 10mS time average

DIAGRAMS

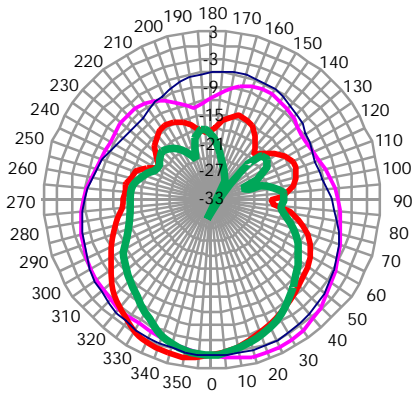
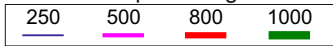
Horizontal polar diagrams



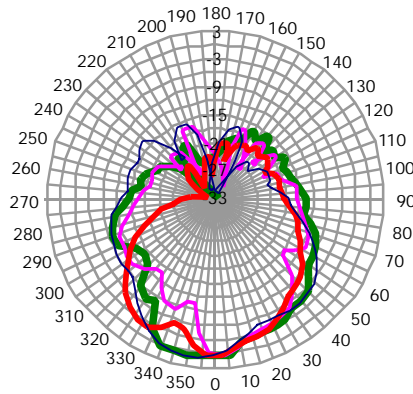
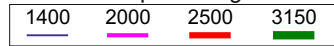
Horizontal polar diagrams



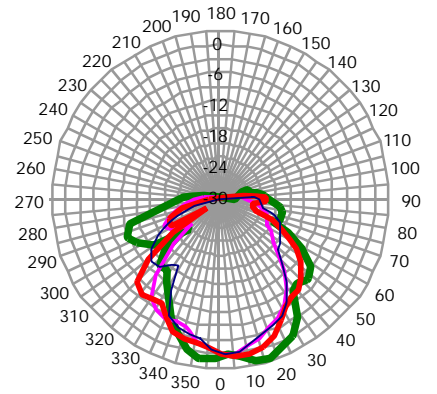
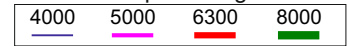
Vertical polar diagrams



Vertical polar diagrams



Vertical polar diagrams



Vertical polar diagrams

