

Processed Active Speaker

MAIN APPLICATIONS

- Live sound PA system
- Live sound monitor
- DJ system
- School and corporate audio visual sound reinforcement
- Background music/announcements: restaurants, pubs
- Transportation terminals, Clubs, Auditoriums, Theatres, Gyms, Houses of worship

MAIN FEATURES

- Built-in amplifier: 1100W RMS LF / 250W RMS HF
- B&C custom-designed 15" neodymium woofer with a 3" voice coil
- B&C 1.4" compression driver with a 2.5" voice coil
- Control panel with volume control, 3-band EQ, Ground Lift switch, Neutrik balanced input/output, Protection & Limiter LED indicators, Peak indicator
- Multiple mounting options (optional accessories required)
- High SPL capability: 135dB
- Two ergonomic handles built in for easy carrying / Four M10 fly points

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 with a 3" voice coil, neodymium magnet structure, die-cast aluminum frame, and a B&C compression driver with a 2.5" voice coil coupled to a 90°H x 60°V horn with a 1.4" exit. The active internal crossover is set at a fixed frequency of 1.2kHz. With a frequency range of 40Hz to 20kHz, the HiMaxX 60A provides high-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 an 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 @ 2.5kHz midrange, and -15/+6dB cut/boost @ 10kHz HF, a balanced Neutrik input combo jack, balanced XLR link output jack, ground lift switch, LED power on, 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

Code		29796
Configuration	way	2
Low frequency woofer	inch	15 - 3 coil
High frequency driver	inch	1.4 - 2.5 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	40 - 20k
MAX SPL (cont/peak)	dB	129 / 135
Dispersion	H° x V°	90 x 60
Crossover frequency	Hz	1.2k

INPUTS & OUTPUTS

Input connectors		XLR with loop
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POWER SUPPLY

Power cord	mt	5
	ft	16.4

AMPLIFIER

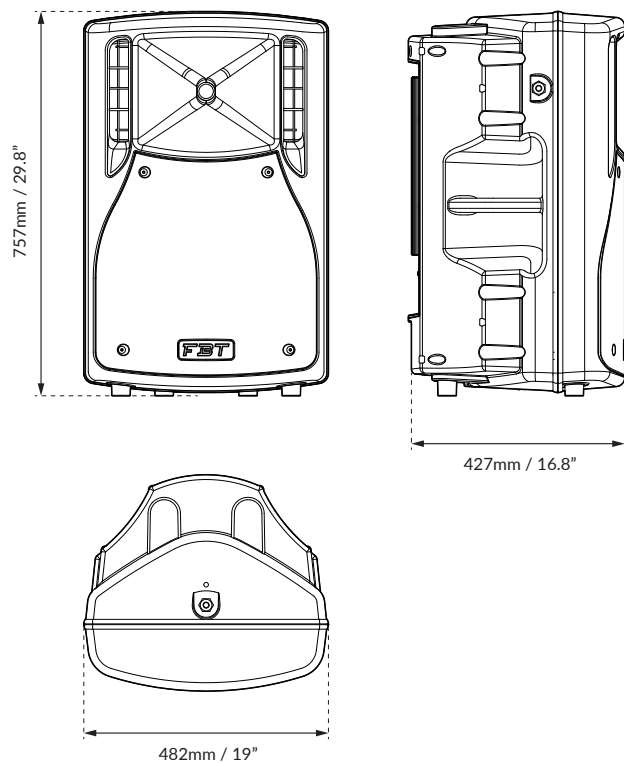
Built-in amplifier MAX (LF/HF)	W RMS	1100 / 250
Input sensitivity LINE	dBu	0
Input impedance	Ohm	22k

MECHANICAL SPECIFICATIONS

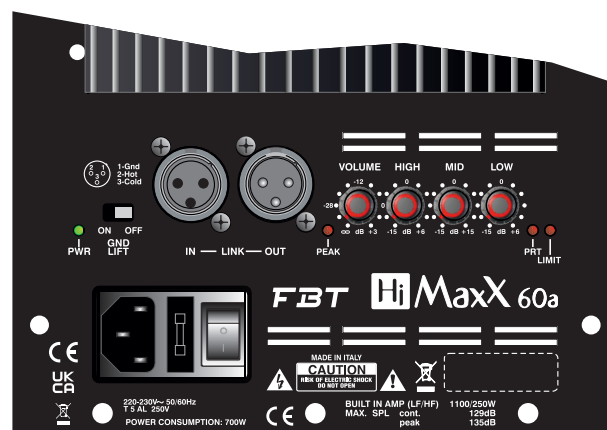
Material	Cabinet	Polypropylene
	Grille	Steel
Net dimensions (WxHxD)	mm	482 x 757 x 427
	inch	19 x 29.8 x 16.8
Transport dimensions (WxHxD)	mm	600 x 850 x 520
	inch	23.62 x 33.46 x 20.47
Net weight	kg	28.50
	lb	62.83
Transport weight	kg	31.80
	lb	70.10



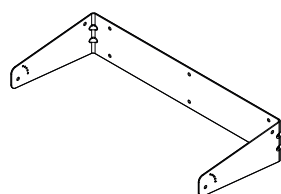
DIMENSIONAL DRAWING



CONTROL PANEL



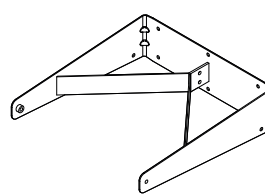
ACCESSORIES



BOX-104

Horizontal Wall Bracket
Code: 15771

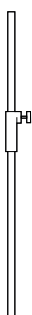
765 x 140 x 335mm
30.11 x 5.51 x 13.18inch
4.50 kg / 9.92 lb



BOX-105

Vertical Wall Bracket
Code: 15772

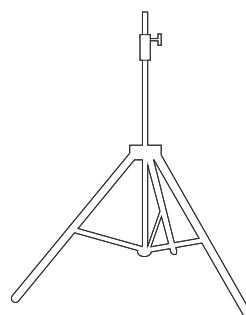
490 x 140 x 508mm
19.29 x 5.51 x 20inch
5.30 kg / 11.68 lb



MSA 220 BK

Stand Speaker
Code: 39330

ø35-42 x 70-120mm
ø1.37-1.65inch x 27.55-47.24inch
1.50 kg / 3.30 lb



MSA 300 BK

Ajustable Aluminium Stand
Code: 39326

ø35 x 100-180mm
ø1.37 x 39.37 - 70.86inch

DIAGRAMS

