

# 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: 1000W RMS LF / 250W RMS HF
- B&C custom-designed 12" neodymium woofer with a 3" voice coil
- B&C 1" compression driver with a 1.7" voice coil
- Control panel with volume control, 3-band EQ, Mic/Line switch, Ground Lift switch, Neutrik balanced input/output, stereo RCA inputs with separate volume control, Protection & Limiter LED indicators
- Multiple mounting options (optional accessories required)
- MAX SPL capability: 132.5dB
- Two ergonomic handles built in for easy carrying / Four M10 fly points

## DESCRIPTION

The FBT HiMaxX 40A speaker features lightweight yet rugged gas-injected molded polypropylene cabinet construction. The asymmetrical shape of the HiMaxX 40A cabinet also allows use as a floor stage monitor. The HiMaxX 40A speaker is a two-way design incorporating a custom B&C 12" low-frequency woofer with a 3" voice coil, neodymium magnet structure, die-cast aluminum frame, and a B&C compression driver with a 1.7" voice coil coupled to a 90°H x 60°V horn with a 1" exit. The active internal crossover is at a fixed frequency of 1.6kHz. With a frequency range of 45Hz to 20kHz, the HiMaxX 40A provides high-fidelity sound for both speech and music applications with a maximum SPL of 132.5dB. A front-face steel grille protects the woofer from external damage. The bi-amplified HiMaxX 40A active speaker features a 1000W 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 @ 2.5kHz midrange, and -15/+6dB cut/boost @ 10kHz HF, a balanced Neutrik input combo jack, balanced XLR link output jack, mic/line input switch, ground lift switch, stereo RCA input with a separate volume control, LED power on, protection, and limiter overload LED indicators. The four M10 fly points built into the cabinet, along with the optional Box 100 or Box 101 mounting brackets, allow the HiMaxX 40A speaker to be surface mounted on walls or ceilings. A standard 1.38" speaker stand socket allows the HiMaxX 40A to be mounted on speaker stands.

## TECHNICAL SPECIFICATIONS

### GENERAL

Code		26937
Configuration	way	2
Low frequency woofer	inch	12 - 3 coil
High frequency driver	inch	1 - 1.7 coil

### ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	45 - 20k
MAX SPL (cont/peak)	dB	127 / 133
Dispersion	H° x V°	90 x 60
Crossover frequency	Hz	1.6k

### INPUTS & OUTPUTS

Input connectors		XLR / Jack, RCA Aux
------------------	--	---------------------

### POWER SUPPLY

Power cord	mt	5
	ft	16.4

### AMPLIFIER

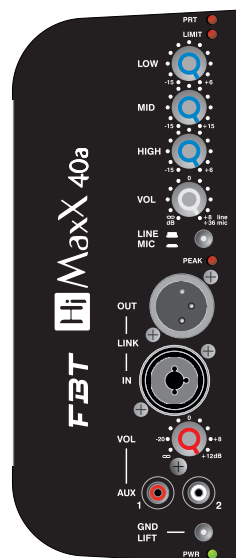
Built-in amplifier MAX (LF/HF)	W RMS	1000 / 250
Input sensitivity LINE / MIC	dBu	0 / -38
Input impedance	Ohm	22k

### MECHANICAL SPECIFICATIONS

Material	Cabinet	Polypropylene
	Grille	Steel
Net dimensions (WxHxD)	mm	407 x 645 x 370
	inch	16 x 25.39 x 14.5
Transport dimensions (WxHxD)	mm	500 x 730 x 470
	inch	19.68 x 28.74 x 18.5
Net weight	kg	18.70
	lb	41.22
Transport weight	kg	21.50
	lb	47.40



## CONTROL PANEL



## ACCESSORIES



**Horizontal Wall Bracket**  
Code: 10187

645 x 70 x 255mm  
25.39 x 2.75 x 10.03inch  
2 kg / 4.40 lb



**Vertical Wall Bracket**  
Code: 10188

420 x 70 x 390mm  
16.53 x 2.75 x 15.35inch  
2.20 kg / 4.85 lb



**Speaker stand**  
Code: 39330

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



**Ajustable Aluminium Stand**  
Code: 39326

ø35 x 100-180mm  
 ø1.37 x 39.37 - 70.86inch  
 3 kg / 6.61 lb

DIAGRAMS

