

# Sound Reinforcement Speaker

## 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 & clubs
  - Transportation terminals
  - Gyms
  - Auditoriums & theatres
  - Houses of worship

## MAIN FEATURES

- Lightweight polypropylene cabinet
- Power handling: 500W RMS / 8 Ohms
- B&C custom-designed 12" neodymium woofer with a 3" voice coil
- B&C 1" compression driver with a 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)
- Optional carrying bags available for protection during portable use
- MAX SPL capability: 129dB
- Asymmetrical profile allows use as a floor stage monitor
- Two ergonomic handles built-in for easy carrying / Four M10 fly points



## 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 with a 3" voice coil, 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 features "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver. With a frequency range of 50Hz to 20kHz, the HiMaxX 40 provides high-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 NL4 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

Code		26938
Configuration	way	2
Low frequency woofer	inch	12 - 3 coil
High frequency driver	inch	1 - 1.7 coil

### ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	50 - 20k
Sensitivity (@1W/1m)	dB	99
MAX SPL (cont/peak)	dB	127 / 131
Dispersion	H° x V°	90 x 60
Recommended HP filter	Hz - dB oct	45 - 24
Crossover frequency	Hz	1.6k

### INPUTS & OUTPUTS

Input connectors		2 x Neutrik speakon NL4
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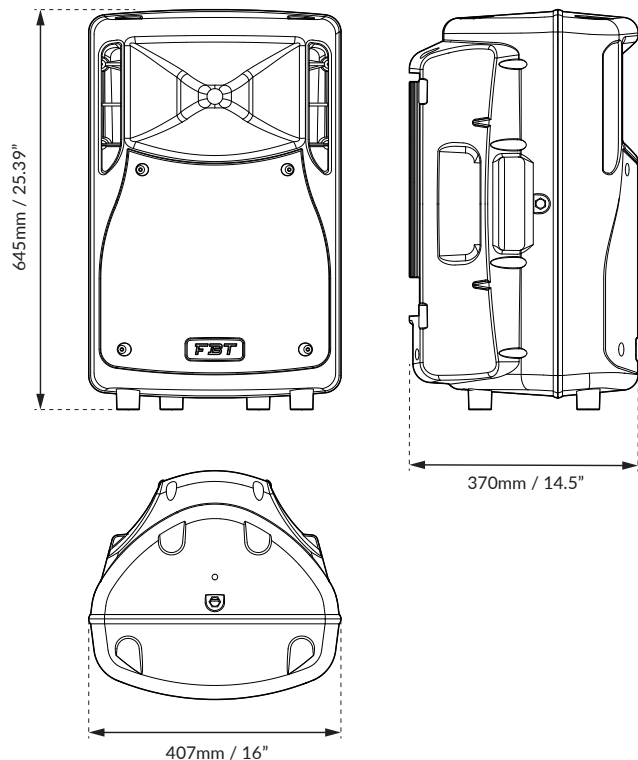
### AMPLIFIER

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

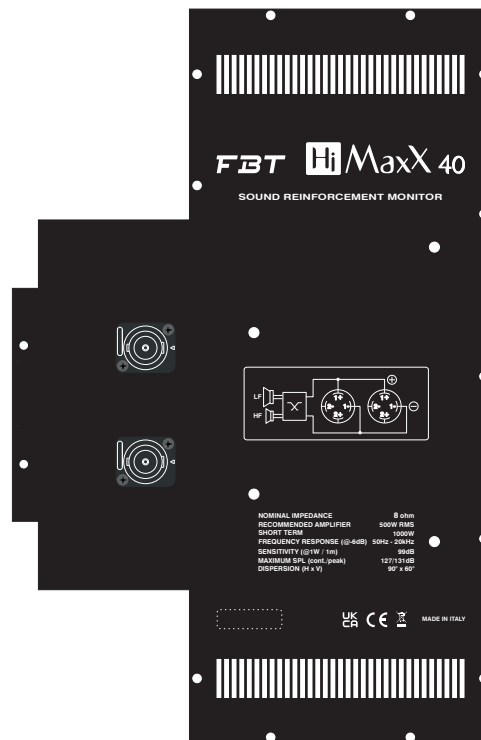
### MECHANICAL SPECIFICATIONS

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	16.20
	lb	35.71
Transport weight	kg	19
	lb	41.88

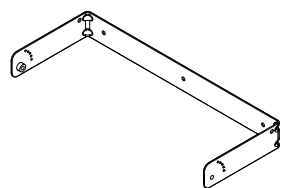
## DIMENSIONAL DRAWING



## CONTROL PANEL



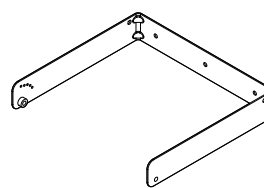
## ACCESSORIES



### BOX-100

**Horizontal Wall Bracket**  
Code: 10187

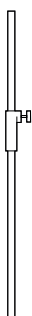
645 x 70 x 255mm  
25.39 x 2.75 x 10.03inch  
2 kg / 4.40 lb



### BOX-101

**Vertical Wall Bracket**  
Code: 10188

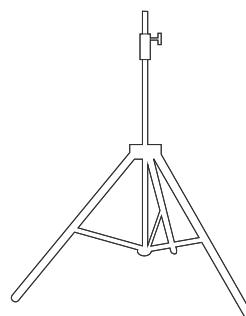
420 x 70 x 390mm  
16.53 x 2.75 x 15.35inch  
2.20 kg / 4.85 lb



### MSA 220BK

**Speaker stand**  
Code: 39330

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



### MSA 300BK

**Ajustable Aluminium Stand**  
Code: 39326

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

DIAGRAMS

