

# 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, 57.3 lbs
- Power Handling: 700W RMS / 8 Ohms
- B&C custom designed 15" neodymium woofer with 3" voice coil
- B&C 1.4" compression driver with 2.5" voice coil
- Input Panel with 2 x Neutrik Speakon NL-4 jacks
- Multiple mounting options (optional accessories required)
- Optional Carrying Bags available for protection for portable use
- MAX SPL capability: 132dB
- 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 60 passive speaker features lightweight yet rugged gas-injected molded polypropylene cabinet construction. The asymmetrical shape of the HiMaxX 60 cabinet also allows use as a floor stage monitor. The HiMaxX 60 passive 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 internal passive crossover filter features "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver. With a frequency range of 40Hz to 20kHz, the HiMaxX 60 provides high-fidelity sound for both speech and music applications with a maximum SPL of 131dB. 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 60 speaker. The four M10 fly points built into the cabinet, along with the optional Box 104 or Box 105 mounting brackets, allow the HiMaxX 60 speakers to be surface mounted on walls or ceilings. A standard 1.38" speaker stand socket allows the HiMaxX 60 to be mounted on speaker stands.

## TECHNICAL SPECIFICATIONS

### GENERAL

|                       |      |                |
|-----------------------|------|----------------|
| Code                  |      | 29798          |
| 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  |
| Sensitivity (@1W/1m)       | dB          | 99        |
| MAX SPL (cont/peak)        | dB          | 129 / 132 |
| Dispersion                 | H° x V°     | 90 x 60   |
| Recommended HP filter      | Hz - dB oct | 35 - 24   |
| Crossover frequency        | Hz          | 1.3k      |

### INPUTS & OUTPUTS

|                  |  |                         |
|------------------|--|-------------------------|
| Input connectors |  | 2 x Neutrik speakon NL4 |
|------------------|--|-------------------------|

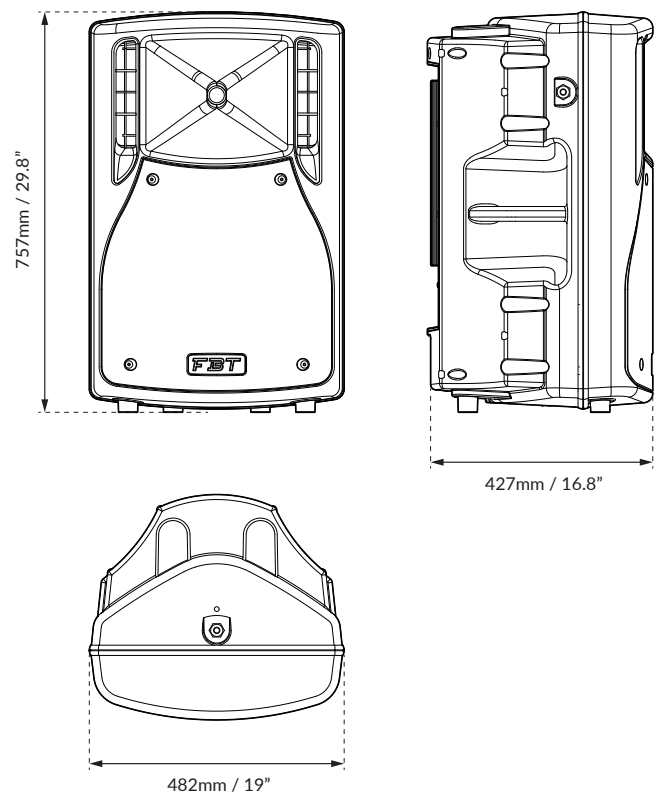
### AMPLIFIER

|                              |       |      |
|------------------------------|-------|------|
| Recommended amplifier        | W RMS | 700  |
| Long term power              | W     | 350  |
| Short term power (IEC 268-5) | W     | 1400 |
| Nominal impedance            | Ohm   | 8    |

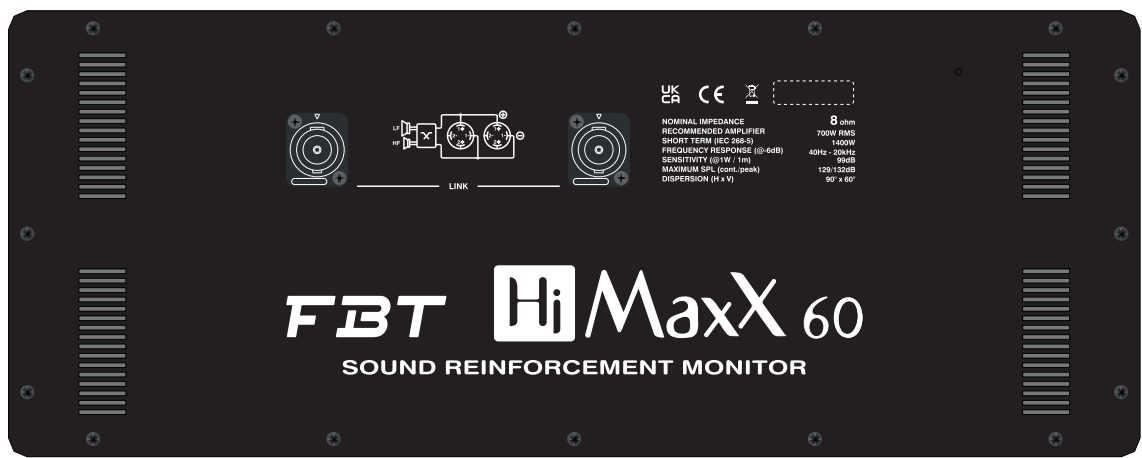
### MECHANICAL SPECIFICATIONS

|                              |         |                       |
|------------------------------|---------|-----------------------|
| 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      | 26.20                 |
|                              | lb      | 57.76                 |
| Transport weight             | kg      | 29                    |
|                              | lb      | 63.93                 |

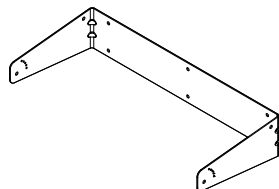
DIMENSIONAL DRAWING



CONTROL PANEL



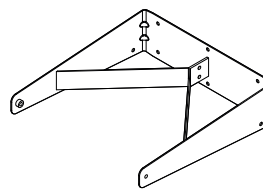
## ACCESSORIES



### BOX-104

**Horizontal Wall Bracket**  
Code: 15771

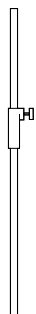
765 x 140 x 335mm  
30.11 x 5.51 x 13.18inch  
4.50 kg / 9.92 lb



### BOX-105

**Vertical Wall Bracket**  
Code: 15772

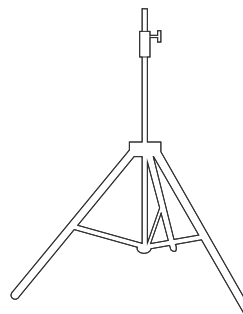
490 x 140 x 508mm  
19.29 x 5.51 x 20inch  
5.30 kg / 11.68 lb



### 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

**Adjustable Aluminium Stand**  
Code: 39326

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

DIAGRAMS

