

B18

Compact Subwoofer

Features

- Compact, direct-radiator subwoofer
- Long-excursion 18" (460mm) driver with 4" (100mm) voice coil
- Water resistant cone
- Birch-ply enclosure construction
- Large ports for reduced air noise
- Perforated steel grille

Applications

- Small-medium live music clubs
- Music bars
- Nightclubs
- Premium KTV



The B18 is a compact, high performance subwoofer for use with the FX12 or FX15. It extends the low frequency operating range of the combined system to 40Hz and provides exceptional low frequency impact. It features a long-excursion 18" (460mm)/4" (100 mm) voice coil driver with a water-resistant cone and triple roll surround in a compact reflex enclosure.

The design of the 18" driver maximises output while minimising power compression and distortion, and the four reflex ports have a large frontal area to reduce turbulent air noise at very high levels.

The B18 enclosure is constructed from multi-laminate birch ply and finished in textured black paint. A perforated steel grille protects the driver and is pre-curved to withstand physical damage.

When used with a Blackline 3 FX12 or FX15 coaxial system, crossover and EQ functions can be performed by the Martin Audio DX1.5 and DX2 system controllers, or by an MA Series amplifier with onboard DSP option.

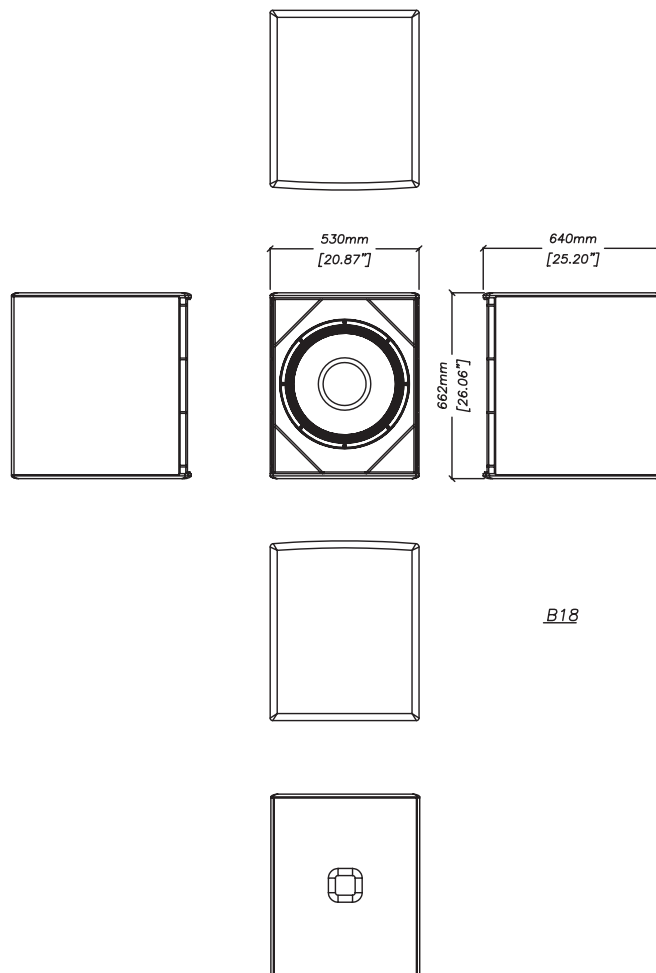


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Technical Specifications

TYPE	Compact, direct radiating subwoofer
FREQUENCY RESPONSE (1)	40Hz-150Hz \pm 3dB -10dB @ 35Hz
DRIVER	18" (460mm)/4" (100mm) voice coil, long excursion, ferrite magnet, waterproof cone
RATED POWER (2)	1000W AES, 4000W peak
RECOMMENDED AMPLIFIER	MA3.0, MA5.2K, MA9.6K, MA12K
SENSITIVITY (3)	102dB
MAXIMUM SPL (9)	132dB continuous, 138dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	Omnidirectional
CROSSOVER	80-120Hz active
ENCLOSURE	160 litre, birch ply
FINISH	Black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik® NL4
PIN CONNECTIONS	Input: 1+, 1- Link through: 2+, 2-
DIMENSIONS	(W) 530mm x (H) 662mm x (D) 640mm (W) 20.9ins x (H) 26.1ins x (D) 25.2ins
WEIGHT	42kg (93lbs)



Notes

- (1) Measured on-axis in half space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half space at 2 metres using band limited pink noise, then referred to 1 metre.
- (5) Measured on-axis in open (4 π) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4 π) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4 π) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4 π) space at 2 metres with 2.83v input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated in half space at 1 metre.