

B218

Dual-Driver Subwoofer



Features

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

Applications

- Live music clubs
- Music bars
- Nightclubs
- Premium KTV



The B218 achieves the ultimate in subwoofer performance for the most prestigious Blackline 3 applications – delivering very high output levels and superb transient performance with minimal distortion.

With an operating range of 35-150Hz, it houses dual long-excursion 18" (460mm)/4" (100mm) voice coil drivers with water-resistant cones and triple roll surrounds. Each driver is rated to handle 1000 watts AES, and has a magnet structure and suspension engineered for maximum linear excursion.

The enclosure of the B218 is constructed from multi-laminate birch ply and coated with a textured black finish. Eight reflex ports provide a large frontal area to reduce turbulent air noise, and a perforated steel grille protects the driver from damage with minimal obstruction of airflow.

When used with a Blackline 3 FX12 or FX15 coaxial system, crossover and EQ functions can be performed by the Martin Audio DX0.5 system controllers, or by an VIA Series amplifier with onboard DSP option.

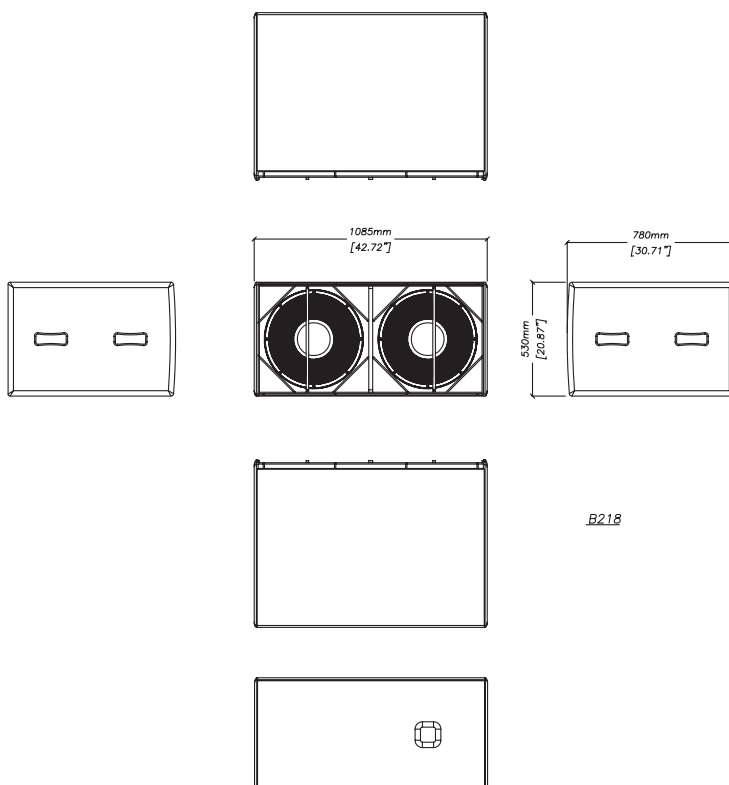
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Technical Specifications

TYPE	Dual-driver, direct radiating subwoofer
FREQUENCY RESPONSE (1)	35Hz-150Hz ± 3dB
	10dB @ 30Hz
DRIVER	2x18" (460mm)/4" (100mm) voice coil, long excursion, ferrite magnet, waterproof cone
RATED POWER (2)	2000W AES, 8000W peak
RECOMMENDED AMPLIFIER	VIA2502/5002/5004
SENSITIVITY (3)	105dB
MAXIMUM SPL (9)	138dB continuous, 144dB peak
NOMINAL IMPEDANCE	4 ohms
DISPERSION (-6dB)	Omnidirectional
CROSSOVER	80-120Hz active
ENCLOSURE	330 litre, birch ply
FINISH	Black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik® NL4
PIN CONNECTIONS	Input: 1+, 1- and 2+, 2-
FITTINGS	Four pocket handles
DIMENSIONS	(W) 530mm x (H) 1085mm x (D) 780mm (W) 20.9ins x (H) 42.7ins x (D) 30.7ins
WEIGHT	84kg (185lbs)



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 (4π) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4π) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4π) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4π) 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.