

Blackline X118

Compact Subwoofer



Features

- Compact, direct-radiator subwoofer
- 1 x 18" (460mm) driver with 3" (75mm) voice coil
- Large ports for reduced air noise
- Screw-free perforated steel grille
- 35mm pole-mount socket
- 8Ω nominal impedance
- M10 flying inserts

Applications

- Portable sound reinforcement
- Live music clubs
- Bars and restaurants
- Nightclubs
- Corporate AV events and conferences
- Weddings and parties
- Secondary stages at festivals
- HoW, leisure centres and retail outlets



The X118 is a compact, high performance subwoofer for use with BlacklineX Series full-range loudspeakers. It extends the low frequency operating range of the combined system to 42Hz and provides exceptional low frequency impact. It can be used singly, stacked or flown via integral M10 insets and features a long-excursion 18" (460mm)/3" (75 mm) voice coil driver in a compact reflex enclosure. Its four reflex ports have a large frontal area to reduce turbulent air noise at very high levels.

The X118 enclosure is constructed from plywood and finished in black textured paint as standard, with white and RAL colour finishes available to special order. An impact-resistant perforated steel grille protects the driver, and the enclosure has a 35mm pole-mount fitting in the top surface and two side handles for ease of handling. Rubber feet on the base of the enclosure resist movement and align with recesses in the top surface for stable stacking.

When used with BlacklineX Series full-range systems, crossover and EQ functions can be performed by the DX0.5 system controller or by an MA Series amplifier with onboard DSP option.

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Technical Specifications

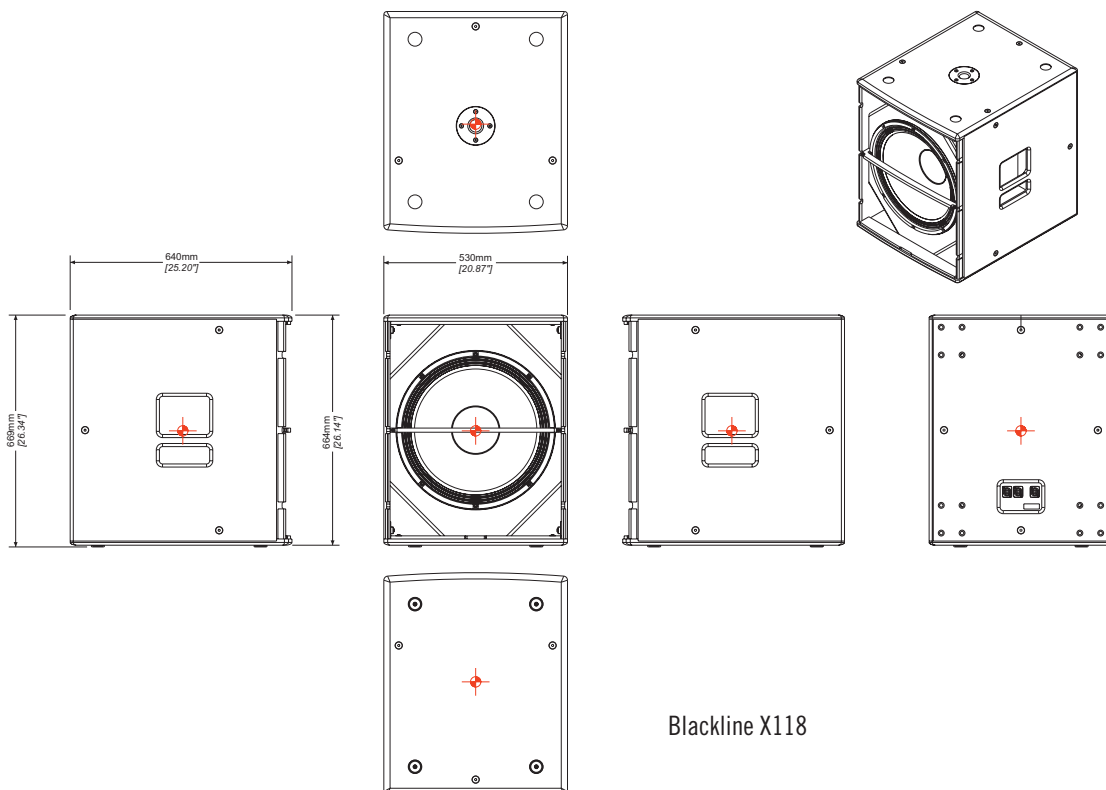
TYPE	Compact, direct radiating subwoofer
FREQUENCY RESPONSE (1)	42Hz-150Hz \pm 3dB -10dB @ 38Hz
DRIVER	18" (460mm)/3" (75mm) voice coil, long excursion, ferrite magnet
RATED POWER (2)	500W AES, 2000W peak
RECOMMENDED AMPLIFIER	MA3.0, MA5.0Q
SENSITIVITY (10)	104dB
MAXIMUM SPL (9)	131dB continuous, 137dB peak (half space)
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	Omnidirectional
CROSSOVER	80-120Hz active
ENCLOSURE	Birch/poplar ply
FINISH	Black textured paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	3 x NL4 type
PIN CONNECTIONS (INPUT)	1+/-
PIN CONNECTIONS (LINK)	A: 1+/- to 1+/-, B: 2+/- to 1+/-
FITTINGS	16 x M10 inserts, pole-mount socket 2 x bar handles, provision for castors
DIMENSIONS (INCL FEET)	(W) 530mm x (H) 669mm x (D) 640mm (W) 20.9ins x (H) 26.3ins x (D) 25.2ins
WEIGHT	33kg (72.7lbs)

Notes

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

Trade Descriptions Act

Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice. Martin Audio is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.



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