

Blackline S12⁺

Compact, sub-bass system

features

- ▶ Very compact sub-bass system
- ▶ Long excursion 12" (300mm) driver
- ▶ Active/passive operation
- ▶ Top hat fitting for pole mounting F8⁺/F10⁺
- ▶ Five year limited warranty

applications

- ▶ Club sound reinforcement
- ▶ Theatre sub-bass
- ▶ AV presentations



professional

The Blackline S12⁺ is an extremely compact sub-bass system. It has been designed for use with the F8⁺ and F10⁺ full-range loudspeakers in situations where extended low frequency output and increased system headroom are required. When used with an F8⁺ or F10⁺, it will extend the response of the complete system to below 50Hz.

It features a new, high power 12" (300mm)/3" (75mm) voice coil, long excursion drive unit reflex loaded in a birch plywood enclosure. The driver has a water resistant cone and inside/outside coil windings for improved heat transfer. The S12⁺ can operate in either passive add-on mode using its own internal switchable passive network or may be used actively with an M3⁺ or DX1.5 controller. In the active configuration, the controller will provide crossover, EQ and limiter functions for the S12⁺ and F8⁺/F10⁺ combination.

The S12⁺ is provided with a top hat fitting that can be used to pole mount an F8⁺ or F10⁺ above the enclosure.

Century Point, Halifax Road, Cressex Business Park,
High Wycombe, Buckinghamshire HP12 3SL, England.
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669
E-mail: info@martin-audio.com
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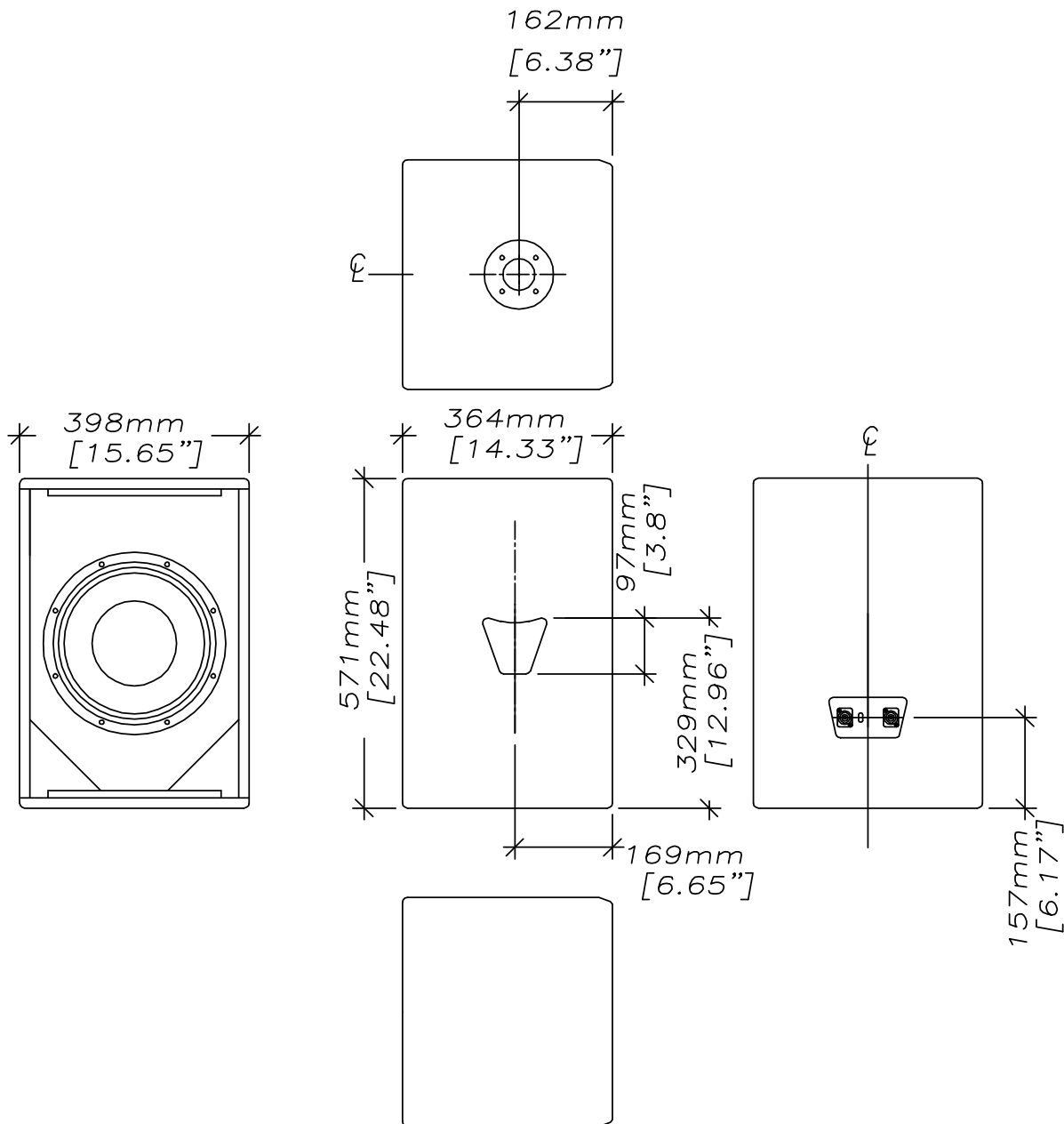


Blackline S12⁺

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overall dimensions

professional



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S12+

Century Point, Halifax Road, Cressex Business Park,
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Blackline S12⁺

Compact, sub-bass system

professional

technical specifications

TYPE	Compact, sub-bass system
FREQUENCY RESPONSE (1)	52Hz-150Hz ± 3dB -10dB @ 43Hz
DRIVERS	12" (300mm)/3" (75mm) voice coil LF driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED AMPLIFIER	MA3.0
SENSITIVITY (3)	100dB (half space)
MAXIMUM SPL (9)	126dB continuous, 132dB peak (half space)
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	
CROSSOVER	120Hz active/passive low pass filter
ENCLOSURE	55 litre, multi-laminate birch ply
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik NL4
PIN CONNECTIONS	LF+, - : 1+, 1-, Link thro': 2+, 2-
FITTINGS	1 x mounting pole socket 2 x pocket handles
DIMENSIONS	(W) 398mm x (H) 571mm x (D) 364mm (W) 15.6ins x (H) 22.5ins x (D) 14.3ins
WEIGHT	20kg (44lbs)

architectural and engineering specifications

The loudspeaker system shall be of the compact sub-bass type consisting of one 12" (300mm)/3" (75mm) voice coil direct radiating reflex loaded low frequency transducer in a multi-laminate birch ply enclosure. The enclosure shall be fitted with an integral pole mount and a switchable active/passive internal 120Hz low pass filter network.

Performance of the loudspeaker system with its electronic controller shall meet or exceed the following criteria:

Frequency response measured 1 metre on axis shall be 52Hz-150Hz ± 3dB.

Power handling shall be 400W AES, 1600W peak.

Rated impedance shall be 8 ohms.

Maximum SPL calculated at 1 metre on axis shall be 126dB continuous, 132dB peak (half space).

Dimensions (W) 398mm x (H) 571mm x (D) 364mm (15.6ins x 22.5ins x 14.3ins).

Weight 20kg (44lbs).

The loudspeaker system shall be the Martin Audio S12⁺.

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 at 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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