

# Blackline S12

Very 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



portable club

The 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 high power 12" (300mm)/3" (75mm) voice coil, long excursion drive unit reflex loaded in a birch plywood enclosure. It 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 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](mailto:info@martin-audio.com)  
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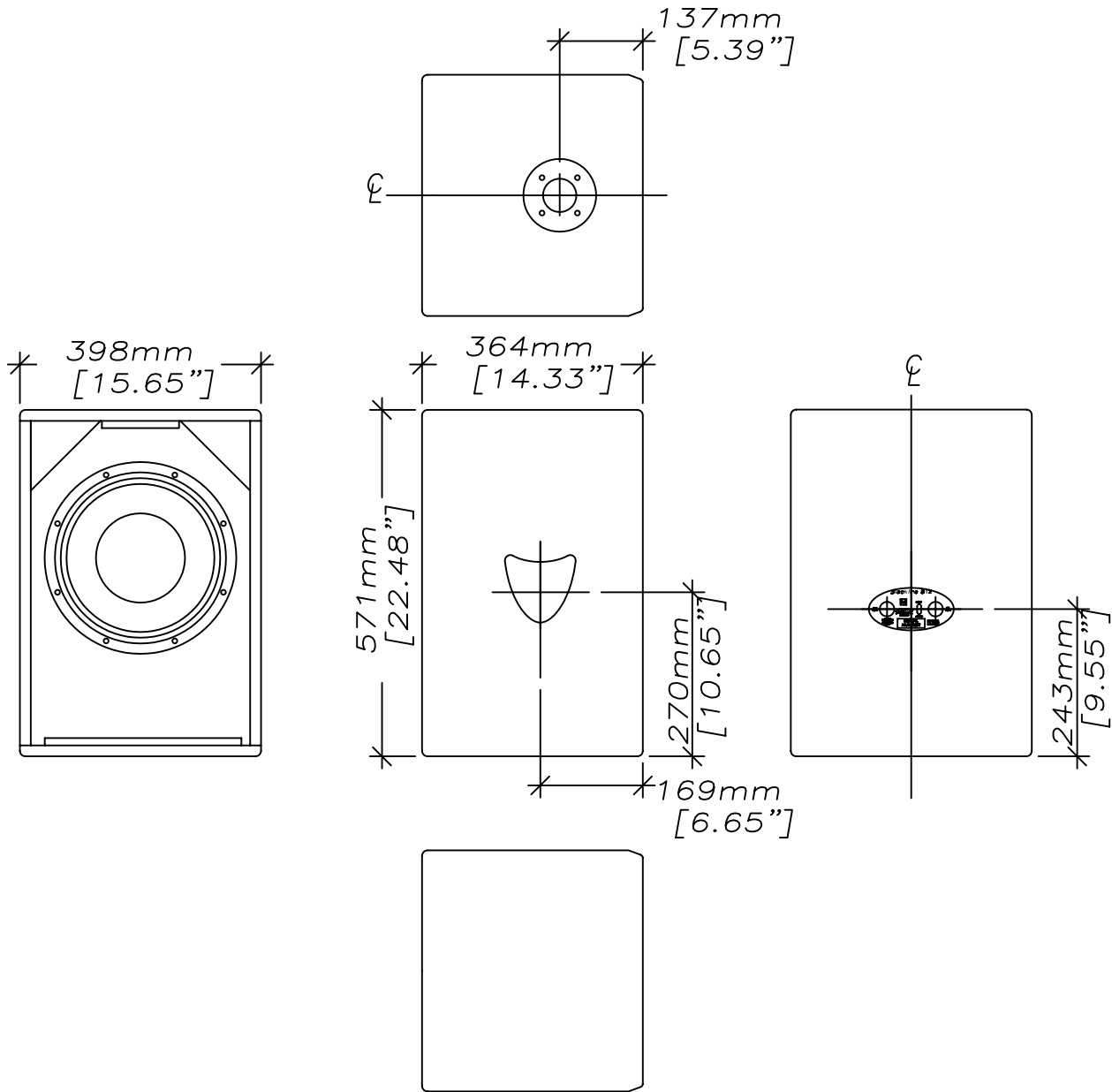


# Blackline S12

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overall dimensions

portable club



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E-mail: [info@martin-audio.com](mailto:info@martin-audio.com)  
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## technical specifications

TYPE	Compact, sub-bass system
FREQUENCY RESPONSE (1)	52Hz-150Hz $\pm$ 3dB
LOW FREQUENCY LIMIT	43Hz (-10dB)
DRIVER	1 x 12" (300mm)/3" (75mm) voice coil LF driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED	400-800W into 4 ohms
AMPLIFIER	
SENSITIVITY (3)	96dB
MAXIMUM SPL (4)	120dB continuous, 126dB peak
IMPEDANCE	8 ohms nominal
DISPERSION (-6dB)	-
CROSSOVER	120Hz switchable active/passive
ENCLOSURE	55 litre (1.94 cu foot) vented, multi-laminate birch ply
FINISH	Textured black paint
PROTECTIVE GRILLE	Black perforated steel
CONNECTORS	2 x Neutrik Speakon NL4
FITTINGS	1 x top hat fitting
DIMENSIONS	(W) 398mm x (H) 571mm x (D) 364mm (W) 15.6ins x (H) 22.5ins x (D) 14.3ins
WEIGHT	20kg (44lbs)

## accessories

HTKCT04	Pole
COVS12	Black Padded Cover

### 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 conditions at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half space conditions at 2 metres 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.

## architectural and engineering specifications

The loudspeaker system shall be of the compact sub-bass type consisting of one 12" (300mm) 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 crossover 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  $\pm$  3dB.

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

Rated impedance shall be 8 ohms.

Maximum SPL measured at 1 metre on axis shall be 120dB continuous, 126dB peak.

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.