

Screen Sub IA

Sub-bass system

cinema

features

- ▶ High efficiency
- ▶ THX™ approved
- ▶ Low port compression
- ▶ High power long excursion driver
- ▶ High SPL

applications

- ▶ Behind screen placement



Screen Sub IA provides low distortion, true sub-bass response for any cinema environment. Built with a shallow profile, like the Screen 4 and Screen 5, the sub is designed for behind-the-screen placement. The unit uses a single 18" (460mm) long excursion high power driver. Large area tapered twin ports ensure minimum turbulence down to the lowest frequencies demanded by today's digital sound tracks.

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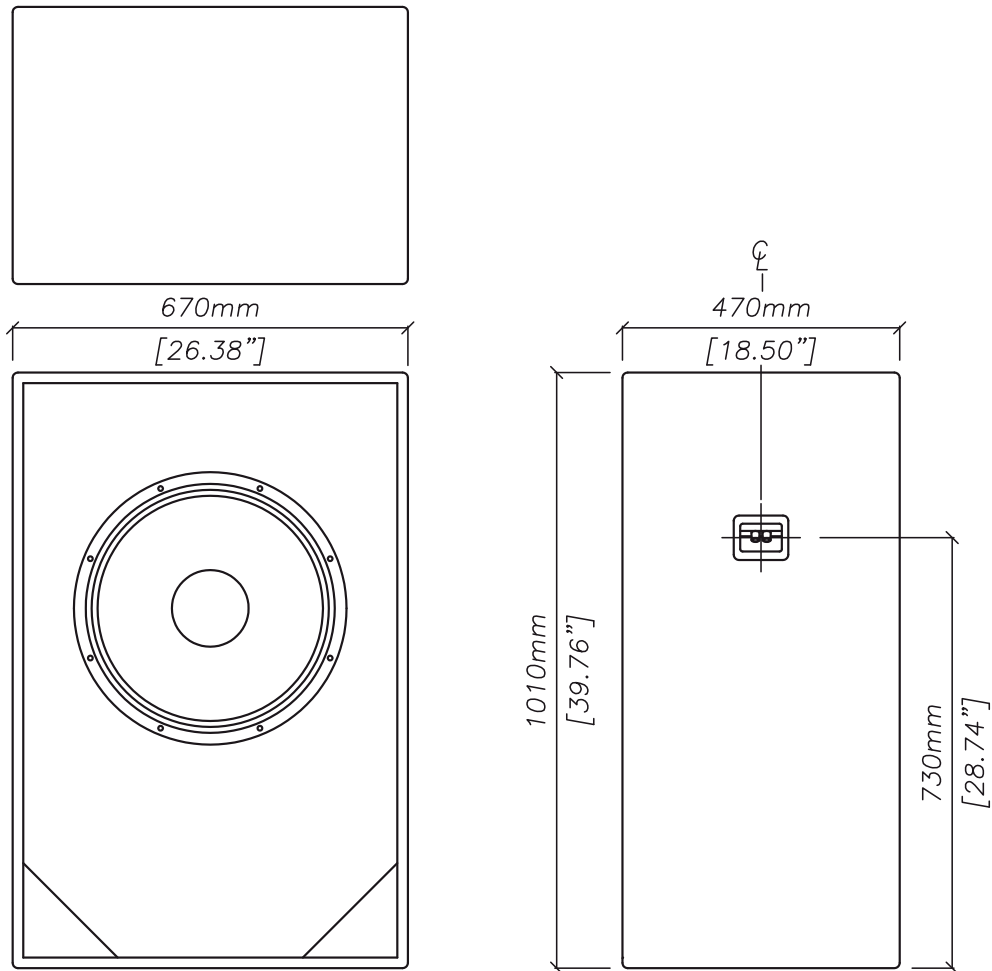


Screen Sub IA

Sub-bass system

overall dimensions

cinema



SCREEN SUB 1A

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Screen Sub IA

Sub-bass system

technical specifications

TYPE	Vented sub-bass system
FREQUENCY RESPONSE (1)	20Hz-500Hz @ -10dB
DRIVERS	18" (460mm) long excursion, reflex loaded
RATED POWER (2)	600W AES, 2400W peak
SENSITIVITY (3)	103dB (half space)
NOMINAL IMPEDANCE	8 ohms
ENCLOSURE	Vented
FINISH	Matt black
CONNECTORS	Colour coded binding posts
DIMENSIONS	(W) 670mm x (H) 1010mm x (D) 470mm (W) 26.4ins x (H) 39.8ins x (D) 18.5ins
WEIGHT	55kg (121lbs)



approved by Lucasfilm for use in THX™ theatres.

architectural and engineering specifications

The loudspeaker system shall be of the sub-bass type consisting of one 18" (460mm) direct radiating reflex loaded, long excursion low frequency transducer in a shallow profile enclosure. The enclosure shall use large area tapered twin ports to ensure minimum turbulence.

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 20Hz-500Hz @ -10dB.

Power handling shall be 600W AES, 2400W peak.

Rated impedance shall be 8 ohms.

Sensitivity 1 Watt/1 metre shall be 103dB (half space).

Dimensions (W) 670mm x (H) 1010mm x (D) 470mm (26.4ins x 39.8ins x 18.5ins).

Weight 55kg (121lbs).

The loudspeaker system shall be approved by Lucasfilm for use in THX™ Theatres.

The loudspeaker system shall be the Martin Audio Screen Sub IA.

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.

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