



SYS100

CINEMA SCREEN CHANNEL SPEAKER SYSTEM

SLS AUDIO A DIVISION OF DOLBY LABORATORIES 1650 W. JACKSON OZARK, MO 65721 417-323-7000

TECH DATA SHEET



Specifications/SYS100*

(1) CS100MH & (1) CSB115

Operating Range	45Hz to 20kHz
Sensitivity (1W@1M) ¹	96dB
Horizontal Coverage -6dB ²	90degs
Vertical Coverage -6dB ²	40degs
Power Handling ³ Low Mid/High	400W RMS (56.6V) AES/2 180W RMS (27 V) AES/2
Recommended Amplifier Low Mid/Hi	800W @ 8 Ohms 400W @ 8 Ohms
Max SPL (calculated) 1M	119dB continuous/125dB peak
Nominal Impedance Low Mid/High	8 ohms 4 Ohms
Crossover Frequency	Passive or DSP Settings Provided
Transducers Low Mid High	LF 15" Woofer MF 6.5"x2 HF 5" PRD500 Ribbon Driver
Input	Barrier Strips
Dims	50" H (127cm) 23" W (58.4cm) 15" D (38.1cm)
Enclosure	13 ply Baltic birch
Net Weight	106lbs.
Rigging	U-Bracket (included) for CSB115 attachment
Optional Accessories	PXO.CS2015 Crossover for use with CSB115
Finish Options	Flat Black Latex

Description:

Consisting of (1)-CS100MH & (1)-CSB115, the Cinema System 100 is a full range bi-amped screen channel cinema loudspeaker for smaller auditoriums. It is also available with an optional passive crossover for single channel amplifier operation per screen channel.

The System 100 high frequency section features a high performance PRD500 planar ribbon transducer designed and manufactured by SLS Loudspeakers. The unique design and properties of the planar ribbon driver delivers fast transient accuracy as well as an exceptionally smooth high frequency response. Also the unique properties of the planer ribbon driver delivers more direct sound to the audience even with screen spreading.

*Due to product improvement research, SLS Audio reserves the right to make changes to existing products without notice.

1. A sine wave sweep is applied to a voltage level measured at the loudspeaker terminals corresponding to 1W@1M as referenced to the loudspeakers nominal impedance and the measuring distance. SPL is measured in an anechoic environment in the loudspeakers far field with the exception of subwoofers which are measured in half space. Sensitivity is determined by a Log/Log averaging method from 315Hz to 16kHz in the anechoic environment. Subwoofers use the same method with the half space measurement but within their specified operating bandwidth.

2. Averaged from 500Hz to 8kHz

3. AES established in accordance with AES/2-2012 standard.



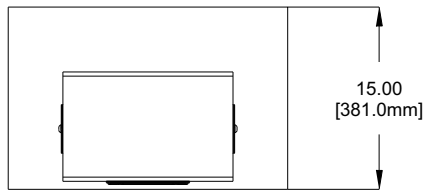


SYS100

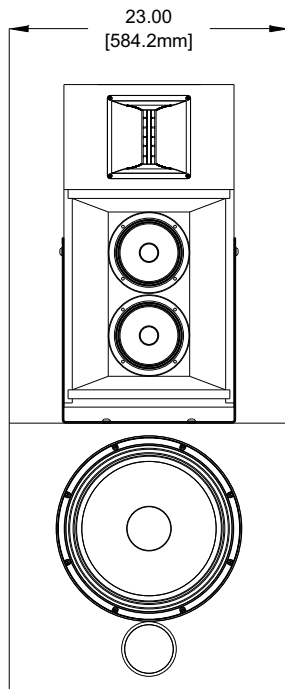
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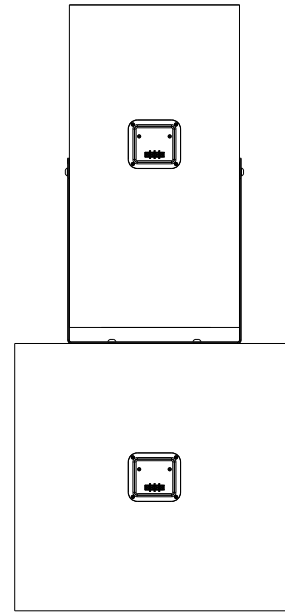
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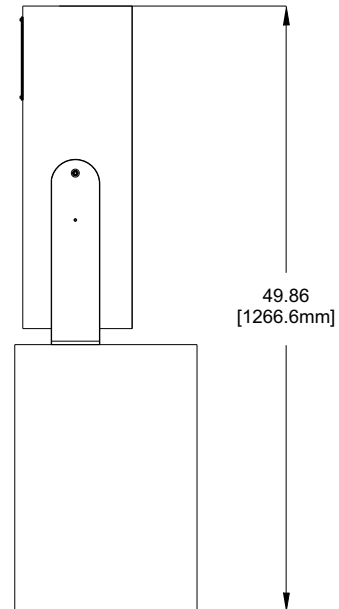
TOP



FRONT



BACK



SIDE