



## SLS System 100 Cinema Screen Channel Speaker System



Consisting of (1)-CS100MH & (1)-CSB115, the Cinema System 100 is a full range bi-amped screen channel cinema speaker 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.



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### SPECIFICATIONS\*

• Operating Range	45Hz to 20kHz
• Sensitivity (1W@1M) <sup>1</sup>	96dB
• Horizontal Coverage	90degs
-6dB <sup>2</sup>	
• Vertical Coverage	40degs
-6dB <sup>2</sup>	
• Power Handling <sup>3</sup>	
Low	450W RMS (60V) AES/2
Mid/High	180W RMS (27 V) AES/2
• Max SPL (calculated) 1M	119dB continuous/125dB peak
• Nominal Impedance	
Low	8 Ohms
Mid/High	4 Ohms
• Crossover Frequency	Passive or DSP Settings Provided
• Transducers	
Low	LF 15" Woofer
Mid	MF 6.5"x2
High	HF 5" PRD500 Ribbon Driver
• Input	Barrier Strips
• Unit Dimensions	50" H x 23" W x 15" D (127 x 58.4 x 38.1 cm)
• Net Weight	106 lbs. (48.10 kg)
• Enclosure	13 ply Baltic birch
• Rigging	U-Bracket (included) for CSB115 attachment
• Optional Accessories	PXO.CS2015 Crossover for use with CSB115
• Finish Options	Flat Black Latex

\*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 loudspeaker's nominal impedance and the measuring distance. SPL is measured in an anechoic environment in the loudspeaker's 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/2-2003 standard.



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