



SLS System 300A Cinema Screen Channel Speaker System



Consisting of (1)-CS301MH* & (1)-CSB215, the Cinema System 300A is a full range, bi-amped screen channel cinema speaker for medium sized auditoriums.

The System 300A high frequency section features a high performance PRD1200 planar ribbon transducer designed and manufactured by SLS Audio. 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 deliver more direct sound to the audience even with screen spreading.

The mid frequency section uses two high-efficiency 8" midrange drivers. They provide an open and clear sound despite loud listening levels.

The dual 15" bass enclosure compliments the powerful mid/high section with effortless bass reproduction.



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SPECIFICATIONS*

• Operating Range	40Hz to 20kHz
• Sensitivity (1W@1M) ¹	99dB
• Horizontal Coverage	80degs
-6dB ²	
• Vertical Coverage	40degs
-6dB ²	
• Power Handling ³	
Low	900W RMS (60V) AES/2
Mid/High	300W RMS (42V) AES/2
• Max SPL (calculated) 1M	128dB continuous/134dB peak
• Nominal Impedance	
Low	4 Ohms
Mid/High	8 Ohms
• Crossover Frequency	DSP Settings Provided
• Transducers	
Low	LF 15" Woofer x 2
Mid	MF 8" Midrange x 2
High	HF PRD1200 Ribbon Driver
• Input	Barrier Strips
• Dimensions	61.10" H (1552mm)
	32.29" W (820mm)
	15.72" D (399mm)
• Enclosure	13 ply Baltic birch
• Net Weight	180 lbs. (81.65 kg)
• Rigging	U-Bracket (included) for box to box attachment
• 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. LF measured per AES12-2012 standard. MF/HF measured using IEC 60268-1 noise with recommended HPF for 2-hours.



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