



# SLS System 400A Cinema Screen Channel Speaker System



Consisting of (1)-CS301MH & (2)-CSB215, the Cinema System 400A is a full range, bi-amped screen channel cinema loudspeaker for large sized auditoriums.

The System 400A high frequency section features a high performance PRD1200 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.

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

The (2) CSB215 dual 15" bass enclosures compliment the powerful mid/high section with effortless bass reproduction.



## SLS System 400A Cinema Screen Channel Speaker System

### SPECIFICATIONS\*

• Operating Range	40Hz to 20kHz
• Sensitivity (1W@1M) <sup>1</sup>	103dB
• Horizontal Coverage	80degs
-6dB <sup>2</sup>	
• Vertical Coverage	40degs
-6dB <sup>2</sup>	
• Power Handling <sup>3</sup>	
Low	900W RMS (60V) AES/2 (ea. cabinet)
Mid/High	300W RMS (42V) AES/2
• Max SPL (calculated) 1M	128dB continuous/134dB peak
• Nominal Impedance	
Low	4 Ohms (ea. cabinet)
Mid/High	8 Ohms
• Crossover Frequency	DSP Settings Provided
• Transducers	
Low	LF 15" Woofer x 4 (in two cabinets)
Mid	MF 8" Midrange x 2
High	HF PRD1200 Ribbon Driver
• Input	Barrier Strips
• Dimensions	84.10" H (2136mm)
	32.29" W (820mm)
	15.72" D (399mm)
• Enclosure	13 ply Baltic birch
• Net Weight	260 lbs. (117.93 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.



Dolby Laboratories, Inc. 1275 Market Street, San Francisco, CA 94103-1410 USA [dolby.com](http://dolby.com)

Dolby, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories.  
© 2018 Dolby Laboratories, Inc. All rights reserved.