



# SYS400

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/SYS400\*

(1) CS300MH & (2) CSB215

Operating Range	40Hz to 20kHz
Sensitivity (1W@1M) <sup>1</sup>	103dB
Horizontal Coverage -6dB <sup>2</sup>	80degs
Vertical Coverage -6dB <sup>2</sup>	40degs
Power Handling <sup>3</sup> Low Mid/High	800W RMS (56.6V) AES/2 (ea. cabinet) 300W RMS (49V) AES/2
Recommended Amplifier Low Mid/Hi	1600W @ 4 Ohms (ea. cabinet) 900W @ 8 Ohms
Max SPL (calculated) 1M	128dB continuous/134dB peak
Nominal Impedance Low Mid/High	4 ohms 8 Ohms
Crossover Frequency	DSP Settings Provided
Transducers Low Mid High	LF 15" Woofer x 4 (in two cabinets) MF 8" Midrange x 2 HF PRD1000 Ribbon Driver
Input	Barrier Strips
Dims	83.9" H (213.1cm) 33" W (83.8cm) 16" D (40.6cm)
Enclosure	13 ply Baltic birch
Net Weight	260lbs.
Rigging	U-Bracket (included) for box to box attachment
Finish Options	Flat Black Latex

#### Description:

Consisting of (1)-CS300MH & (2)-CSB215, the Cinema System 400 is a full range, bi-amped screen channel cinema loudspeaker for large sized auditoriums.

The System 400 high frequency section features a high performance PRD1000 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.

\*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.

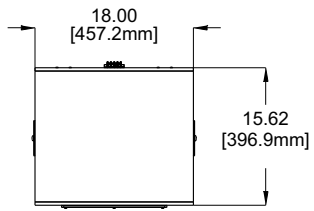


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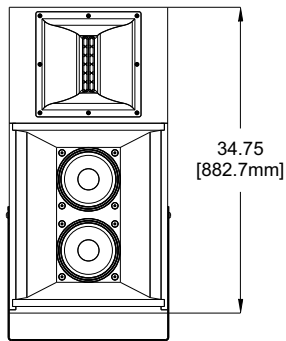
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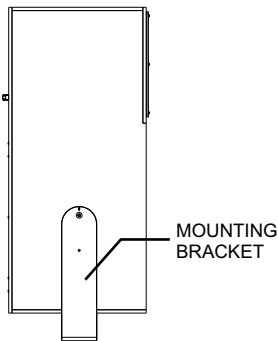
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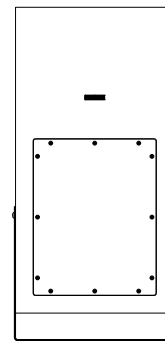
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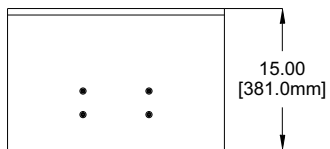
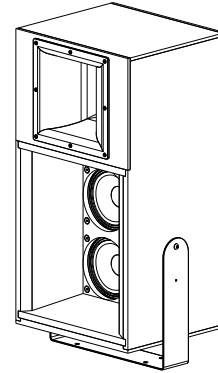
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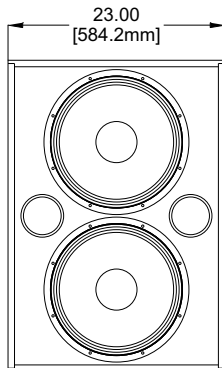
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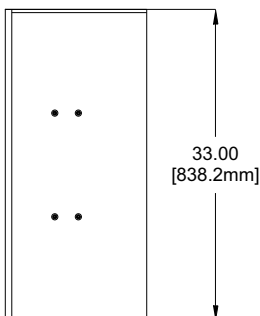
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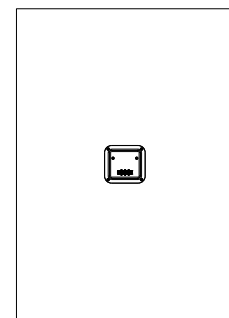
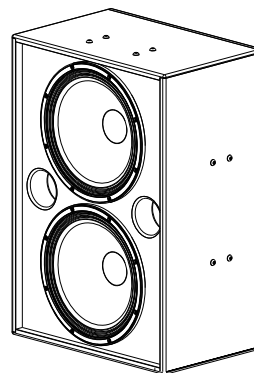
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SIDE



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