

SLS System 100A Screen Speaker System



Consisting of (1) CS50 & (1) CSB115, the SLS Cinema System 100A is a full-range bi-amped cinema screen speaker system for smaller auditoriums.

The system 100A high frequency section features a high performance PRD500 planar ribbon transducer. 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.

Key features

- High performance 5" planar ribbon driver
- Open and transparent sound even at high SPL due to advanced transducer technology in all bandwidth sections
- Front-ported wood enclosures
- High performance 12" midrange driver with die-cast aluminum basket
- Long-excursion 15" woofer has been specifically designed to deliver high-impact response from the CSB115 low-frequency module
- Bi-amp operation (DSP settings provided)
- Steel U-bracket (included) for CS50 to CSB115 attachment

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Specifications*

Frequency range	45 Hz - 20 kHz
Coverage window ¹	
Horizontal	90°
Vertical	40°
Rated impedance	
Mid-High	8 Ohms
Low	8 Ohms
Sensitivity (1 W @ 1 M) ²	
Mid-High	99 dB
Low	95 dB
Power handling ³	
Mid/High	120 W @ 31 Vrms
Low	200 W @ 40 Vrms
Maximum continuous SPL @ 1 M	
Mid/High	120 dB
Low	118 dB
System 100A summed continuous SPL @ 1 M	122 dB / 128 dB Peak
Crossover frequency	DSP Settings Provided
Transducers	
High	HF 5" PRD500 Ribbon Driver
Mid	MF 12"
Low	LF 15"
Input	Barrier strips
Enclosure	Wood
Accessories	Steel U-bracket (included) for CS50 to CSB115 attachment
Dimensions (System Stack)	49.5" H x 23" W x 15" D (125.7 x 58.4 x 38.1 cm)
Weight (System Stack)	111.5 lb (50.57 kg)

1. Averaged from 500Hz to 8kHz

2. 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.

3. AES established in accordance with AES/2-2003 standard.

*Specifications are subject to change without notice.

