



Product Technical Data Sheet

Cinema System 200

Description

The Cinema System 200 is a full range bi-amped screen channel loudspeaker for small to medium sized auditoriums.

The System 200 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 double 15" bass cabinet will provide effortless reproduction of bass content perfectly matching the output of the mid/high section.



Key Features:

- PRD1000 ribbon high frequency line driver delivers unsurpassed sound quality
- Open and clear sound at high SPL due to advanced transducer technology in all bandwidth sections
- 90 x 40 degree dispersion pattern (not including screen scattering)
- ¾" 13 ply Baltic Birch cabinet construction
- Included U-Bracket for easy installation and aiming

Applications

Developed for high performance cinema applications where the highest quality and intelligibility of sound is required

- Behind Screen LCR

Product Specifications	
Operating Range	40Hz - 30,000Hz
Overall Sensitivity (1W/1M) ¹	98dB
Horizontal Coverage Angle -6dB ²	80 Degrees
Vertical Coverage Angle -6dB ²	40 Degrees
Power Handling - Low ³	800W RMS (56.6 Volts) AES/2
Mid/High	400W RMS (56.6 Volts) AES/2
Overall Max SPL (calculated) 1 Meter	124dB Cont. / 130dB Peak
Rcmd Amp Power for Max Output - Low	1600 Watts @ 4 ohms
Mid/High	800 Watts @ 8 ohms
Nominal Impedance - Low	4 Ohms
Mid/High	8 Ohms
Crossover Frequency	DSP Settings Provided
Transducers - Low Freq.	15" Woofer x2
Mid Freq.	12" Midrange
High Freq.	PRD1000 Ribbon
Input	Barrier Strips
Largest Overall Dimensions	60.4" (153.4cm) H
	23" (58.4cm) W
	15" (38.1cm) D
Enclosure	13ply Baltic Birch
Weight	147lbs (66.7kg) Shipping 183lbs (83kg)
Included Rigging	U-Bracket for box to box attachment
Finish	Flat Black Latex

1. Full bandwidth pink noise is applied and amplified to a level and measured at the loudspeaker terminals - corresponding to 1 Watt as referenced to the loudspeakers nominal impedance. SPL is measured in an anechoic environment in the loudspeakers far field. Data is extrapolated to 1 Meters distance from the loudspeaker.
 2. Averaged from 500Hz to 8kHz
 3. AES established with ambient temperature at 22C in accordance with AES/2-1984 standard.



Cinema System 200 Drawings

