



Product Technical Data Sheet

Model CS200

Description

The CS200 is a mid/high cinema loudspeaker. Its primary application is for use as a companion to the CS-B115 Mid-Bass enclosure in small to medium size theaters.

The CS200 high frequency section features a high performance PRD500 planar ribbon transducer designed and manufactured by SLS Loudspeakers. The unique design and properties of the planar ribbon driver allows for a very clear delivery and transient accuracy even at the limits of its performance.

The midrange section uses two 6.5" drivers. The driver features a large magnet structure and high-temperature edge-wound voice coil.

The passive crossover network includes audiophile grade air core inductors and polypropylene capacitors.



Key Features:

- PRD500 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

Product Specifications	
Operating Range	350Hz - 30,000Hz
Sensitivity (1W/1M) ¹	97dB
Horizontal Coverage Angle -6dB ²	90 Degrees
Vertical Coverage Angle -6dB ²	40 Degrees
Power Handling ³	200W RMS (28 Volts) AES/2
Max SPL (calculated) 1 Meter	120dB Cont. / 126dB Peak
Recommended Amp Power for Max Output	400 Watts @ 4 ohms
Nominal Impedance	4 Ohms
Crossover Frequency	Passive
Transducers - Low Freq.	6.5" Midrange x2
High Freq.	PRD500 Ribbon
Input	5-Way Binding Posts
Dimensions	21.4" (54.4cm) H 8.5" (21.6cm) W 6" (15.2cm) D
Enclosure	13ply Baltic Birch
Weight	21lbs (9.5kg) Shipping 26lbs (11.8kg)
Rigging	U-Bracket for attachment to CS-B115
Finish	Flat Black Latex

Applications

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

- Behind Screen LCR

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.



CS200 Drawings

