



SLS CS301MH Cinema Screen Channel Speaker System



CS301MH shown with CSB215
Low Frequency Modules

The CS301MH is a passive, mid/hi, screen channel cinema speaker module for commercial cinema applications. Coupled with 1 to 2 (CSB215) low frequency modules, it is perfect for auditoriums of 250-450 seats.

The high frequency section features a high performance PRD1200 planar ribbon transducer designed and manufactured by SLS Audio. The unique design and properties of the planar ribbon driver delivers fast transient accuracy as well as an exceptionally smooth high- frequency response delivering a more direct sound to the audience even with screen spreading.

The midrange section uses two hi-efficiency mid-range 8" drivers. This provides for an open and clear sound despite loud listening levels.



SLS CS301MH Cinema Screen Channel Speaker System

KEY FEATURES

- PRD1200 planar ribbon, high frequency driver delivers unsurpassed sound quality
- Open and transparent sound even at high SPL due to advanced transducer technology in all bandwidth sections
- 80 x 40 degree dispersion pattern (not including screen scattering)
- 13-ply 3/4" Baltic Birch cabinet construction
- Included U-Bracket for easy installation and aiming

SPECIFICATIONS * * *

• Operating Range	200Hz to 20kHz
• Sensitivity (1W@1M) ¹	103dB
• Horizontal Coverage	80degs
• Vertical Coverage	40degs
• Power Handling ³	300W (42v) AES/2
• Max SPL (calculated) 1M	128 Cont./ 134dB Peak
• Nominal Impedance	8 ohms
• Crossover Frequency	Passive 1600Hz.
• Transducers	MF 8" Midrange x 2 HF 6" PRD1200 Ribbon Driver
• Input	Barrier Strip
• Dimensions	38.10" H x 18.73"W x 14.52" D (968mm x 476mm x 369mm)
• Net Weight	90 lbs. (40.82 kg)
• Shipping Dimensions	40" H x 22.50" W x 18.5" D (1016mm x 571.5mm x 469.9mm)
• Shipping Weight	102 lbs. (46.26 kg)
• Enclosure	13 ply Baltic birch
• Rigging	U-Bracket (included) for CSB215 attachment
• Optional Accessories	-
• Finish Options	Flat Black Latex

APPLICATIONS

- Developed for high performance cinema applications where the highest quality and intelligibility of sound is required
- Stage speakers behind the screen (Left, Center, Right)

*Due to product improvement research, SLS Audio reserves the right to make changes to existing products without notice.

** CS300MH-CM is equivalent to CS301MH as of January 2020

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. Measured using IEC 60268-1 noise with recommended HPF or 2-hours.



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