



# CS6600

## CINEMA SCREEN CHANNEL LINE ARRAY SPEAKER SYSTEM

SLS AUDIO A DIVISION OF DOLBY LABORATORIES 1650 W. JACKSON OZARK, MO 65721 417-323-7000

### TECH DATA SHEET



#### Description:

The SLS Audio CS6600 Cinema Series Ribbon Line Array provides superior dynamic range, ultra clean high frequency response and even SPL throughout the entire auditorium. Because of its modular design the CS6600 array can be tailored for any seating design making it the perfect choice for auditoriums where articulation and detail are of pinnacle importance for every seat.

The CS6600 modular ribbon line arrays employ our Co-Planar design which utilize acoustic filtering & equalization resulting in higher dynamic range and a significant reduction in upper mid-band distortion. Featuring plug & play performance, SLS Ribbon Line Arrays provide superior dynamic range, ultra clean high frequency response and even SPL throughout the entire auditorium when properly integrated with the seating layout and accompanied by the CSB215 LF module(s).

#### Key Features:

- ◆ 16 Ohm impedance Co-Planar Two-Way with a single 6.5" LF and a single PRD500 Ribbon
- ◆ 100Hz to 20,000Hz Operating Range
- ◆ Can power up to (4) units in parallel with a single amp channel
- ◆ 100 deg horizontal dispersion, vertical determined by array configuration
- ◆ Passive crossovers included in each module
- ◆ Minimum to recommended amplifier power (4 units in parallel) 400W RMS to 800W RMS @ 4ohms
- ◆ Maximum calculated @ 1 meter continuous output: per module 114dB

#### Applications:

- ◆ Developed for a wide range of professional cinema applications where the highest quality and intelligibility of sound is required in every seat
- ◆ Screen channels for theaters of all sizes accompanied by the CSB215 module(s)

#### Specifications/CS6600\*

Operating Range	100Hz to 20K
Sensitivity (1W@1M) <sup>1</sup>	94dB
Horizontal Coverage <sup>2</sup>	100degs
Vertical Coverage <sup>2</sup>	Determined by array configuration
Power Handling <sup>3</sup>	100W (40V) AES/2
Recommended Amplifier	200W @ 16 ohms
Max SPL calculated	114dB continuous, 120dB peak
Nominal Impedance	16 ohms
Transducers	6.5" woofer, PRD500 ribbon
Input	Barrier strip
Dims	8.5" H front (21.59cm) 5.43" H rear (13.79cm) 13.57" W (34.46cm) 15.03 D (38.17cm)
Enclosure	Baltic birch
Net Weight	16.2lbs 7.35 kg
Rigging	Self-Contained
Accessories	CS6600 Rigging Frame
Finish Options	Flat Black Latex

\*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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