**SLS AUDIO**

**SUPERIOR LISTENING SYSTEMS**
A U D I O   C L A R I T Y   R E D E F I N E D
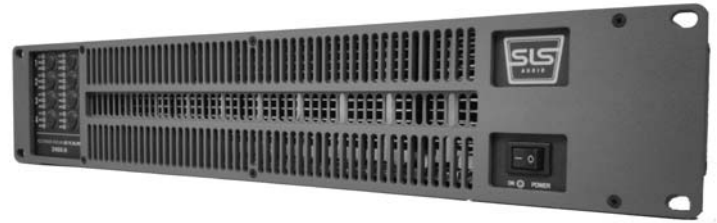
Product Technical Data Sheet
# CinemaStar CS2400-8

## Description

The CinemaStar CS2400-8 is the result of an in depth study to reach the best solutions between price and performances, taking advantage of latest improvements in automated mixed surface mount and through-hole electronic assembly.

The CS2400-8 is a high density eight channel amplifier contained in a two rack space chassis that still offers enough power to fill the largest auditoriums with dynamic surround sound performance. Smaller theatres can use this amplifier as screen channel power as well.

The latest generation QuantaPulse™ switching power supply allows the amplifier to reach a new level of sensing and control of the power flow.

The CinemaStar amplifiers are packed with the latest features catering to professionals that desire quality, reliability and value.





| Product Specifications | |
|---|---|
| Frequency Response | 20Hz - 20,000Hz  +/- .25dB |
| THD (20Hz-20kHz) | <0.05% |
| Intermodulation Distortion (SMPTE) | <0.05% |
| Crosstalk | >70dB |
| Signal to noise ratio | 110dB "A" weighted |
| AC Power Consumption | 2.6 amps @ 8 ohms 1/8th power x8 |
| Input Sensitivity | 1V RMS |
| Voltage Gain | 32dB |
| Output Power @ 8 ohms | 195 Watts x8 |
| Output Power @ 4 ohms | 300 Watts x8 |
| Output Power @ 8 ohms Bridged | 600 Watts x4 |
| Input Terminations | Phoenix Connectors |
| Output Terminations | Barrier Strips |
| Dimensions | 3.5" (8.9cm) H |
| | 19" (48.3cm) W |
| | 8.27" (21cm) D |
| Weight | 13.5lbs (6kg)  Shipping 16lbs (7.3kg) |

## Key Features:

- Hi Efficiency Class H Design

- 8 Channels @ 300W @ 4 ohms weighing in at 13.5 lbs in two rack spaces

- QuantaPulse™ switch mode power supply

- Power Management System and Clip Limiter

- Phoenix style inputs and barrier strip outputs

- Comprehensive protection set

- Detented sealed potentiometers

- Dual or bridge mode operation

- Temperature controlled back to front fan cooling

- 3-Year Warranty

**Protections:**

Soft-start, turn-on and turn-off transients, muting at turn-on, Overheating, DC, RF, Short Circuit, Open or mismatched loads, Overloaded power supply, Intelligent clip limiting, Power management system,