

# SCRS-212ai

## KEY FEATURES

- Architectural Installation™ Cabinet Design: 7-inch Total Depth for Easy Built-In Installation
- Suitable for Both Screen and Effects Channel Applications
- Dual Professional 12-inch, 1400W Woofers with 4-inch Voice Coils
- Professional 1-inch Compression Driver on Elliptical Constant Directivity Horn
- High Frequency Extension to Beyond 30kHz
- Maximum Output: >130dB
- 8th Order Crossover Slopes
- 4-ohm Nominal Impedance LF; 8-ohms HF
- DSP Performance Optimized
- Requires Tri-Amplification via PRO Amplifiers



## DESCRIPTION

The SCRS-212ai loudspeaker provides a dynamic, high output solution for screen or effects channels applications when maximum SPL and impact are required, but space is at a premium. A derivative of the SCRS-12ai design, the SCRS-212ai utilizes a second matching enclosure employing only the 12" woofer found in the main speaker. When mated to the SCRS-12ai, the two enclosures form a powerful dual 12" woofer loudspeaker system with low-frequency sensitivity of 96dB and an impressive total power handling spec of 2800 watts. The result is a smooth and detailed presentation of low frequency information with a significant increase in visceral slam, allowing the audience to experience the impact of a broad range of sound effects in a true-to-life manner, thus heightening believability. In addition, the SCRS-212ai can go loud when needed, achieving high SPL levels with no sense of strain, providing an effortless and non-fatiguing presentation of music and film soundtracks alike.

At only 7" in depth, the shallow enclosure design makes the SCRS-212ai easy to install with minimal build-out.

Developed as part of an integrated digital cinema system, the SCRS-212ai and companion PRO amplifier employ advanced Digital Signal Processing (DSP). As in commercial cinema systems, the SCRS-212ai is tri-amplified to maximize the performance of each driver in the system. With maximum output exceeding 130dB, it is ideal for use in medium, and large sized rooms where loudspeaker depth limitations may be a concern.

## SPECS

|                              |                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------|
| <b>APPLICATION:</b>          | Tri-amplified architectural format screen or surround channel loudspeaker                 |
| <b>LF SECTION:</b>           | Dual 12" professional grade woofers with 4" voice coil                                    |
| <b>HF SECTION:</b>           | 1" professional-grade compression driver / polyester diaphragm, 80° x 60° elliptical horn |
| <b>CROSSOVER:</b>            | 8th order acoustic via DSP                                                                |
| <b>POWER HANDLING:</b>       | 2800W LF / 120W HF                                                                        |
| <b>SENSITIVITY:</b>          | 96dB LF / 114dB                                                                           |
| <b>POWER REQUIREMENTS:</b>   | Requires tri-amplification via PRO power amplifier                                        |
| <b>POWER RECOMMENDATION:</b> | 450W x 2 LF / 200W HF                                                                     |
| <b>FREQUENCY RANGE:</b>      | 54Hz - 31kHz                                                                              |
| <b>MAXIMUM OUTPUT:</b>       | >130dB                                                                                    |
| <b>NOMINAL IMPEDANCE:</b>    | 4-ohms LF / 8-ohms HF                                                                     |
| <b>DIMENSIONS:</b>           | 36" H x 14" W x 7" D (per module)                                                         |
| <b>WEIGHT:</b>               | 51 lbs. (LF/HF module)<br>49 lbs. (LF module only)                                        |