

SCRS-8ai

KEY FEATURES

- Architectural Installation™ Cabinet Design: 7-inch Total Depth for Easy Built-In Installation
- Professional 8-inch 400W Woofer with Neodymium Motor System
- Professional 1-inch Compression Driver on Elliptical Constant Directivity Horn
- High-Frequency Extension to Beyond 30kHz
- Designed for Placement Behind Acoustically Transparent Screen
- 8th Order Crossover Slopes
- High-Sensitivity Design: 94dB LF / 114dB HF
- Maximum Output: 118dB
- 8-ohm Nominal Impedance
- DSP Performance Optimized
- Requires Bi-Amplification via PRO Amplifier



DESCRIPTION

The SCRS-8ai is a compact high-output loudspeaker. Its installation-friendly enclosure includes integrated pick points and mounting hardware to secure the speaker to surrounding framing. A removable front baffle and quick-connect wiring harness allow the SCRS-8ai to be installed in stages, assuring safety of the drivers during theater room construction. At only 7" deep, it requires minimal build out; making the SCRS-8ai the perfect solution when performance is demanded, but space is at a premium.

Using high-output professional-grade components, the SCRS-8ai creates a big, dynamic sound far surpassing the performance limitations of traditional home audio loudspeakers. Its 8" woofer employs a neodymium motor system with oversized voice coil to maximize thermal power handling. Bass is powerful and articulate, resolving fine textures and subtle details with ease. In like manner, a high-sensitivity compression driver and unique elliptical horn provide linear dispersion of high-frequency energy to beyond 30kHz with true-to-life dynamic range. Seamless integration of the drivers results in one coherent voice, enhancing the vocal intelligibility so important in home theater applications.

Developed as part of an integrated digital cinema system, the SCRS-8ai and companion PRO amplifier are equally adept at screen channel or effects channel applications. As in commercial cinema installations, the SCRS-8ai is bi-amplified to maximize the performance of each driver in the system. Proprietary Digital Signal Processing (DSP) is employed for high-resolution frequency shaping and time alignment. Maximum output is 118dB; making the SCRS-8ai an exceptional choice for medium-sized and small room installations.

SPECS

APPLICATION:	Bi-amplified architectural format screen or surround channel loudspeaker
LF SECTION:	8" professional grade woofer with 2" voice coil / Neodymium motor
HF SECTION:	1" professional-grade compression driver / polyester diaphragm 80° x 60° elliptical horn
CROSSOVER:	8th order acoustic via DSP
POWER HANDLING:	400W LF / 120W HF
SENSITIVITY:	94dB LF / 114dB HF
POWER REQUIREMENTS:	Requires bi-amplification via PRO amplifiers
POWER RECOMMENDATION:	450W LF / 200W HF
FREQUENCY RANGE:	58Hz – 31kHz
MAXIMUM OUTPUT:	118dB
NOMINAL IMPEDANCE:	8-ohms LF / 8-ohms HF
DIMENSIONS:	18"H x 14"W x 7"D
WEIGHT:	22 lbs.