

SCRS-6iw / 6iw-p

KEY FEATURES

- Professional 6-inch 260W Woofer with Neodymium Motor System
- Professional 1-inch Compression Driver on Elliptical Constant Directivity Horn
- Invisible Mount Design
- Designed for Retrofit Installation
- High-Frequency Extension to beyond 30kHz
- 8th Order Crossover Slopes
- High-Sensitivity Design: 93dB LF / 114dB HF
- Maximum Output: 116dB
- 8-ohm Nominal Impedance
- DSP Performance Optimized
- Available in Bi-Amped or Single-Amped (passive) Versions



DESCRIPTION

The SCRS-6iw makes the high-output capabilities of the PRO loudspeaker line accessible to all with an easy-to-integrate retrofit in-wall design. Using high-output professional-grade components, the speaker creates a big, dynamic sound far surpassing the performance limitations of in-wall loudspeakers systems. Its 6" professional-grade woofer employs a powerful neodymium motor system, resulting in bass that is tight, extended, and articulate. In like manner, its high-sensitivity compression driver and proprietary elliptical horn provide linear dispersion of high-frequency energy to beyond 30kHz, producing silky smooth highs with true-to-life dynamic range.

The SCRS-6iw is suitable for use as either a screen or surround channel loudspeaker in high-performance theater installations. Likewise, it is perfectly suited for distributed audio systems where large floor standing loudspeakers are deemed undesirable, but expectations exceed the performance limitations offered by traditional in-wall loudspeaker solutions.

Like other PRO loudspeakers, the SCRS-6iw has been designed for bi-amplification to maximize the performance of each driver in the system. However, when budget constraints dictate, it can also be purchased with an integrated passive crossover network (model SCRS-6iw-P) allowing the speaker to be driven by a single amplifier channel. In either mode of operation, proprietary Digital Signal Processing (DSP) is employed for high resolution frequency response shaping, boundary effects correction, and driver time alignment. As such, PRO amplification is required. Maximum output is 116dB; making the SCRS-6iw the ultimate choice for all in-wall loudspeaker applications.

SPECS

APPLICATION:	In-wall high-output bi-amp speaker with frameless grille
LF SECTION:	Professional 6.5" long-throw woofer
HF SECTION:	Professional 1" compression driver on 90° x 60° elliptical horn
CROSSOVER:	8th order acoustic via DSP
POWER HANDLING:	260W LF / 120W HF
SENSITIVITY:	93dB LF / 114dB HF
POWER REQUIREMENTS:	Requires bi-amplification via PRO amplifiers
POWER RECOMMENDATION:	200W, 300W or 450W LF 100W or 200W HF 200W, 300W or 450W Passive
FREQUENCY RANGE:	52Hz – 31kHz
MAXIMUM OUTPUT:	116dB
NOMINAL IMPEDANCE:	8-ohms LF / 8-ohms HF
DIMENSIONS:	13-7/8"H x 8-7/8"W x 3-1/4"D
CUTOUT DIMENSIONS:	12-7/8"H x 7-7/8"W
WEIGHT:	8 lbs.