

SCR-12sm

KEY FEATURES

- Professional 12-inch, 1400W Woofer with 4-inch Voice Coil
- Professional 1-inch Compression Driver on Elliptical Constant Directivity Horn
- High-Frequency Extension to Beyond 30kHz
- High-Sensitivity: 93dB LF; 114dB HF
- Maximum Output: >130dB
- Designed for Placement behind Acoustically Transparent Screen
- Only 12-inches Deep
- 8th Order Crossover Slopes
- 4-ohm Nominal Impedance LF; 8-ohms HF
- DSP Performance Optimized
- Requires Bi-Amplification via PRO Amplifiers



DESCRIPTION

The SCR-12sm is a medium format "Screen Channel" loudspeaker designed to reproduce the unrestricted dynamics and power of the commercial cinema experience. This high-sensitivity driver employs a massive motor system with 4" voice coil for maximum thermal power handling. Though compact in size, the SCR-12sm produces surprisingly visceral slam, preserving the impact of Hollywood's most demanding soundtracks. The SCR-12sm's unique elliptical horn and wide-bandwidth high-frequency compression driver provide linear dispersion of high-frequency energy with true-to-life dynamic range. Seamless integration of the drivers results in highly detailed vocals while rendering even the most complex soundtracks or musical passages with ease.

Developed as part of an integrated digital cinema system, the SCR-12sm and companion PRO amplifier employ proprietary Digital Signal Processing (DSP) for high-resolution frequency response shaping and critical driver time alignment. As in commercial cinema systems, the SCR-12sm is bi-amplified to maximize the performance of each driver in the system. With maximum output exceeding 130dB, it is the ideal choice for screen channel applications in small, medium, and large sized rooms where loudspeaker size limitations might be a concern.

SPECS

APPLICATION:	Bi-amplified medium format screen channel loudspeaker
LF SECTION:	12" professional grade woofer with 4" voice coil
HF SECTION:	1" professional-grade compression driver / polyester diaphragm 80° x 60° elliptical horn
CROSSOVER:	8th order acoustic via DSP
POWER HANDLING:	1400W LF / 120W HF
SENSITIVITY:	93dB LF / 114dB HF
POWER REQUIREMENTS:	Requires bi-amplification via PRO amplifiers
POWER RECOMMENDATION:	450W LF / 200W HF
FREQUENCY RANGE:	54Hz – 31kHz
MAXIMUM OUTPUT:	>130dB
NOMINAL IMPEDANCE:	4-ohms LF / 8 ohms HF
DIMENSIONS:	25"H x 14"W x 12"D
WEIGHT:	62 lbs.