

LFC-15sm

KEY FEATURES

- Professional 15-inch, 1000W Driver with 4-inch Voice Coil
- High-Sensitivity: 96dB
- Enclosure Depth Matched to SCR-12sm
- Maximum Output: >120dB
- 4-ohm Nominal Impedance
- DSP Optimized Performance
- Requires PRO DSP Processor/Amplifier



DESCRIPTION

Designed as a mate to the SCR-12sm loudspeaker, the LFC-15sm provides the visceral slam and weight of the cinematic experience in an installation friendly form measuring only 12" deep. Similar in many respects to the LFC-18sm, it employs a single 15" driver powered by the same massive motor system found in its larger sibling. Weighing nearly 30 lbs., the large magnet provides enormous force to the driver, assuring that bass response is tight and articulate. In addition, the 4" voice coil maximizes thermal power handling, resulting in concussive dynamics while allowing the LFC-15sm to perform at sustained high output levels without the distortion or dynamic compression so common in traditional consumer audio designs.

Developed as part of a sophisticated digital cinema system, the LFC-15sm and its companion PRO amplifier employ advanced Digital Signal Processing (DSP) for high resolution frequency response shaping optimized for cinema soundtrack reproduction. In addition, the LFC-15sm is sonically optimized to blend seamlessly with all PRO loudspeaker systems, creating a single, powerful full-range voice. Maximum output is >120dB. A minimum of two units is recommended for system balance and improved low frequency distribution.

SPECS

APPLICATION:	Medium format subwoofer
LF SECTION:	15" professional grade woofer with 4" voice coil
CROSSOVER:	8th order acoustic via DSP
POWER HANDLING:	1000W (AES) / 2000W continuous
SENSITIVITY:	96dB
POWER REQUIREMENTS:	Requires amplification via PRO power amplifier
POWER RECOMMENDATION:	1000W
FREQUENCY RANGE:	22Hz - 80Hz
MAXIMUM OUTPUT:	>120dB
NOMINAL IMPEDANCE:	4-ohms
DIMENSIONS:	38"H x 17"W x 12"D
WEIGHT:	85 lbs.