

LFC-18sm

KEY FEATURES

- Professional 18-inch, 1000W Driver with 4-inch Voice Coil
- High-Sensitivity: 97dB
- Enclosure Depth Matched to SCR-15sm
- Maximum Output: >120dB
- 4-ohm Nominal Impedance
- DSP Optimized Performance
- Requires PRO DSP Processor/Amplifier



DESCRIPTION

The LFC-18sm is a large format subwoofer designed to meet the demands of Hollywood's most challenging movie soundtracks. Its 18" driver provides 254 sq. inches of radiating surface supported by dual 4" ports, allowing the LFC-18sm to move large volumes of air on demand. At the core of the system stands a massive motor system weighing nearly 30 pounds. Its 4" voice coil maximizes thermal power handling, assuring that bass stays tight and articulate with concussive dynamics far beyond those experienced with traditional consumer subwoofer designs. And at a highly efficient 97dB, the LFC-18sm is capable of performing at sustained high output levels without the distortion and dynamic compression commonly associated with lesser designs.

Developed as part of a sophisticated digital cinema system, the LFC-18sm 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-18sm 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:	Large format subwoofer
LF SECTION:	18" professional grade woofer with 4" voice coil
CROSSOVER:	8th order acoustic via DSP
POWER HANDLING:	1000W (AES) / 2000W continuous
SENSITIVITY:	97dB
POWER REQUIREMENTS:	Requires amplification via PRO power amplifier
POWER RECOMMENDATION:	1000W
FREQUENCY RANGE:	22Hz - 80Hz
MAXIMUM OUTPUT:	>120dB
NOMINAL IMPEDANCE:	4-ohms
DIMENSIONS:	30"H x 22"W x 16"D
WEIGHT:	114 lbs.