

LFC-212ai

KEY FEATURES

- Architectural Installation™ Cabinet Design: 7-inch Total Depth for Easy Built-In Installation
- Dual Professional 12-inch, 1000W Drivers with 4-inch Voice Coils
- High Sensitivity: 101dB
- Enclosure Depth Matched to SCRS-8ai and SCRS-12ai
- Configurable Impedance: 2 x 8 ohms, 4-ohms, or 16-ohms
- Maximum Output: 119dB
- DSP Optimized Performance
- Requires PRO DSP Processor/Amplifier



DESCRIPTION

Big bass without the big box! Every movie enthusiast understands the significance of low frequency energy in reproducing Hollywood's dramatic sound effects. However, the physical space required for placement of large subwoofer enclosures can often be hard to find. This quest becomes even more difficult when attempting to utilize multiple subwoofers to achieve uniform bass distribution. The LFC-212ai offers an elegant solution.

Measuring only 14" wide and 7" deep, the LFC-212ai has been designed for "in-wall" installation. Though shallow in form, each LFC-212ai contains two 12" professional-grade sub-bass drivers powered by the identical motor system employed in the LFC-18sm. At nearly 30 lbs. each, the massive magnets and 4" voice coil design maximize thermal power handling, assuring tight, articulate bass complete with the visceral slam experienced at the commercial theater.

Designed as part of a sophisticated digital cinema system, the LFC-212ai and companion DPA amplifier employ advanced Digital Signal Processing (DSP) to precisely match its acoustic transfer-function to that of the larger LFC-18sm and LFC-15sm. As such, all PRO subwoofers may be used interchangeably, or in-concert within the same system. In addition, the LFC-212's dual drivers may be configured in series or parallel, resulting in either a lower impedance load to maximize the output power of the amplifier, or a higher impedance load, allowing multiple units to be driven from a single high-powered amplifier channel for dramatic results in large room applications.

SPECS

APPLICATION:	Architectural format subwoofer
LF SECTION:	Dual 12" professional grade woofers with 4" voice coil
CROSSOVER:	8th order acoustic via DSP
POWER HANDLING:	1000W (AES) / 2000W continuous
SENSITIVITY:	101dB
POWER REQUIREMENTS:	Requires amplification via PRO power amplifier
POWER RECOMMENDATION:	450W or 1000W
FREQUENCY RANGE:	22Hz - 80Hz
MAXIMUM OUTPUT:	119dB
NOMINAL IMPEDANCE:	Configurable: 2 x 4-ohms / 8-ohms
DIMENSIONS:	60"H x 14"W x 7"D
WEIGHT:	105 lbs.