

SOUNDXPERT – CORE SM-12

Multi-Purpose Stage Monitor / PA Speaker



Overview

CORE SM12 is a versatile 12-inch stage monitor designed for both stage monitoring and PA applications. It delivers powerful low-mid response with clear high-frequency output, ensuring excellent vocal clarity and stage presence. Its dual-use design makes it ideal for performers, DJs, and live sound setups where flexibility and performance are essential.

Key Features

- Dual-purpose use (Stage Monitor + PA)
- Strong low-mid punch with clear highs
- Wide coverage for stage monitoring
- High efficiency and reliable performance
- Optimized for high SPL output
- Strong build quality for rental use
- Compact and rugged design

Technical Specifications

- 12" LF + 1" HF Compression Driver
- Frequency Response: 75Hz – 18 kHz
- Power Handling: 700 Watts RMS
- Peak Power Handling : 1400 Watt
- Impedance: 8 Ohms
- Sensitivity (1W/1m): 97 dB
- Maximum SPL: 132 dB

Driver Details

- LF Speaker: 12" High-Power Woofer (3.5" Voice Coil)
- HF Driver: 1" Exit Compression Driver (with horn)
- Magnet Type: Neodymium
- Cone Material: Waterproof-treated paper cone with triple-roll cloth surround

Enclosure

- Enclosure Type: Bass Reflex / Monitor Angled Cabinet
- Material: Russian Birch Plywood
- Finish: Black Texture Paint
- Grill: 16 Gauge powder coated Heavy-duty metal grill
- Input Connectors: Neutrik NL4 Speakon Connector
- Wiring: Parallel (Link In/Out)

Physical Specifications

- Dimensions (HxWxD): 24" × 13.5" × 12.5"
- Weight: 25 kg

Recommended Amplifier

- 700 - 800 watt @ 8ohm
- 1400 - 1600 watt @ 4 ohm (2 Boxes)

Applications

- Live Performances
- Stage Monitoring
- DJ Systems
- Rental Setup
- Portable PA System

