

# SOUNDXPERT – CORE 10

## INSTALLATION / PA Speaker



## Overview

**CORE10 is a compact 10-inch full-range speaker designed for installation as well as small-scale rental applications. It delivers clear vocals and balanced sound with efficient output, making it ideal for small clubs, auditoriums, and portable setups. Engineered for reliability and consistent performance, it is perfect for both fixed and mobile sound systems.**

## Key Features

- Dual-purpose use (Installation + Rental)
- Clear vocal and balanced sound output
- Compact and easy to install
- High efficiency and reliable performance
- Optimized for high SPL output
- Durable and reliable build quality

## Technical Specifications

- 10" LF + 1" HF Compression Driver
- Frequency Response: 75Hz – 18 kHz
- Power Handling: 500 Watts RMS
- Peak Power Handling : 1000 Watt
- Impedance: 8 Ohms
- Sensitivity (1W/1m): 96 dB
- Maximum SPL: 128 dB

## Driver Details

- LF Speaker: 10" High-Power Woofer (3" 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
- Material: Russian Birch Plywood
- Finish: Black Texture Paint
- Grill: 16 Gauge powder coated Heavy-duty metal grill
- Input Connectors: NL4 Speakon Connector
- Wiring: Parallel (Link In/Out)

## Physical Specifications

- Dimensions (HxWxD): 20" × 12" × 12.2"
- Weight: 20 kg

## Recommended Amplifier

- 500 - 600 watt @ 8ohm
- 1000 - 1200 watt @ 4 ohm ( 2 Boxes )

## Applications

- Small Clubs
- Auditoriums
- Cafes & Lounges
- Portable Sound Setup
- Background Music Systems

