

S81005B Dual-Cone Loudspeaker

The AudioTrak S81005B is a high-quality 8-inch, 20-watt, RMS dual-cone loudspeaker. Designed to perform in both BGM and voice-paging for restaurants, lounges, retail environments, schools and houses of worship. The S81005B is equally suited to meet the audio requirements of industrial environments.

The S81005B is available with a complete line of AudioTrak baffles, back-box, and mounting hardware. The S81005B is your smart choice for consistent and reliable results.



Features

- 8-inch, dual-cone loudspeaker
- Transformer mounting capability
- Extended frequency response
- Long-term reliability

Specifications

S81005B

Speaker Type	Dual-cone
Cone Material	Paper
Frequency Response	60 Hz to 20 kHz ± 6 dB
Sensitivity	92 dB at 1 watt, 1 meter
Dispersion Angle	95 degrees
Power Handling	20 watts RMS
Impedance	8 ohms
Magnet Weight	5.4 oz; 153 g
Voice Coil Diameter	0.75 inches; 19 mm
Flux Density	11,600 gauss
Overall Diameter	8 inches; 203 mm
Speaker Depth	2.76 inches; 70 mm
Mounting Hole Centers	7.64 inches; 194 mm
Transformer Mounting Center	2.15 inches; 54.5 mm
Overall Weight	20.18 oz; 572 g

Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model S81005B. The loudspeaker shall be an 8-inch, dual paper cone type with a 5.4 oz; 153 g magnet. The loudspeaker shall have a continuous power rating of 20 watts RMS with a consistent frequency response of 60 Hz to 20 kHz (± 6 dB). The loudspeaker voice coil shall be 0.75 inches; 19 mm in diameter and the speaker shall have an impedance of 8 ohms. The S81005B shall have a minimum sensitivity of 92 dB (1 watt, 1 meter) and provide a dispersion angle of 95 degrees. The speaker shall have the following overall dimensions: diameter 8 inches; 203 mm, depth 2.76 inches; 70 mm, mounting hole centers 7.64 inches; 194 mm, transformer mounting hole centers at 2.15 inches; 54.4 mm, weight 20.18 oz; 572 g.

