

## S82010CX Coaxial Loudspeaker

The AudioTrak S82010CX is a top-quality, 8-inch, 20-watt RMS coaxial loudspeaker designed to provide superior voice and music reproduction in both foreground and background music and voice paging applications. The S82010CX is suited for use in restaurants, lounges, retail environments, schools, institutions and houses of worship. It is the high-output capability of the S82010CX that also makes it an ideal choice for the rigorous demands of industrial paging environments. Top-quality performance makes the S82010CX your smart choice for consistent and reliable results.

Available with a complete line of AudioTrak baffles, back-boxes and speaker transformers, the S82010CX is another great addition to your job-winning selection of AudioTrak products.



### Features

- High-output, 8-inch, coaxial speaker
- Heavy-duty magnet
- Extended frequency response
- Transformer mounting capability
- Corrosion-resistant spade terminals

# Specifications

## S82010CX

Speaker Type	Coaxial
Cone Material	Paper
Tweeter Material	Paper
Tweeter Size	3 inches; 76.2 mm
Frequency Response	60 Hz to 20 kHz $\pm 6$ dB
Sensitivity	95 dB at 1 watt, 1 meter
Crossover Point	5 kHz
Dispersion Angle	98 degrees
Power Handling	20 watts RMS
Impedance	8 ohms
Magnet Weight LF	10 oz; 284 g
Magnet Weight HF	1.5 oz; 42.5 g
Voice Coil Diameter LF	1 inch; 25 mm
Voice Coil Diameter HF	0.6 inches; 15 mm
Flux Density LF	11,560 gauss
Flux Density HF	10,250 gauss
Overall Diameter	8 inches; 203 mm
Speaker Depth	3.03 inches; 77 mm
Transformer Mounting Centers	2.36 inches; 60 mm
Mounting Hole Centers	7.64 inches; 194 mm
Overall Weight	35.27 oz; 1 kg

## Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model S82010CX. The loudspeaker shall be an 8-inch, 2-way coaxial paper cone type with a 10 oz; 284 g magnet for the low frequency reproducer, and a 1.5 oz; 42.5 g magnet for the high frequency reproducer. The loudspeaker will provide for a continuous power rating of 20 watts RMS with a consistent frequency response of 60 Hz to 20 kHz ( $\pm 6$  db). The speaker will have a crossover point at 5 kHz, and shall have a voice coil diameter of 1 inch; 25 mm for the low frequency driver, and 0.6 inches; 15 mm for the tweeter. The speaker shall have an impedance of 8 ohms, and a sensitivity of 1 watt, 1 meter; 95 dB with a dispersion angle of 95 degrees. Overall dimensions of the speaker shall be: diameter 8 inches; 203 mm, depth 3.03 inches; 77 mm, mounting hole centers 7.64 inches; 194 mm, transformer mounting hole centers at 2.36 inches; 60 mm, weight 35.27 oz; 1 kg.

