

CH-30T8 Re-entrant Horn Loudspeaker

The AudioTrak CH-30T8 is a compact, high-quality, re-entrant-style horn loudspeaker. The rugged design and construction has made the CH-30T8 the preferred contractor favorite for indoor and outdoor paging and talkback systems. Outstanding long-term durability is ensured with the weatherproof and vandal-resistant, all-metal construction and an environmentally durable, baked enamel finish.

The versatility of the CH-30T8 is unmatched through its ability to handle 8-ohm, 25 and 70-volt input. Installation is a breeze with the standard omni-directional mounting base and screw terminal wire connections. For durability, fidelity and versatility choose the CH-30T8 for your next project.



Add an AudioTrak amplifier and microphone for a complete paging system.

Features

- 8-ohm, 25 and 70-volt capable
- 30-watt horn
- Weatherproof
- Vandal-resistant, all-metal construction
- High intelligibility
- Talkback capability

Specifications

CH-30T8

Color	Beige, textured epoxy enamel
Housing Material	Metal
Power Rating	30 watts
Frequency Response	265 Hz to 6.5 kHz ± 6 dB 200 Hz to 1.40 kHz ± 12 dB
Sensitivity	114 dB at 1 watt, 1 meter
Impedance	8 ohms, 25 / 70 volts
Primary Taps	25 volts, 1.8 / 3.7 / 7 watts 70 volts, 1.8 / 3.7 / 7.5 / 15 / 30 watts
Dispersion	110 degrees
Terminations	Screw terminal
Swivel Mount	360-degree pan, 160-degree tilt
Mounting Hole Centers	2.17 inches; 55 mm
Dimensions:	
Housing Length	10.35 inches; 263 mm
Height	10.32 inches; 262 mm
Base	3.03 inches; 77 mm
Bell Dimensions	10.08 x 10.08 inches; 256 x 256 mm
Weight	88 oz; 2.5 kg

Architectural and Engineering Specifications

The re-entrant-style paging horn shall be an AudioTrak model CH-30T8. The paging horn shall have a beige texturized epoxy enamel finish, and be of weatherproof all metal construction. The paging horn driver and transformer shall be enclosed in a waterproof gasket sealed enclosure. The unit shall be capable of connection to an 8-ohm direct input and come complete with a selectable multi-tap 25 / 70-volt transformer. The transformer shall provide the following 70-volt primary taps at, 1.8, 3.7, 7.5, 30 watts and 25-volt taps at, 1.8, 3.7, 7, 15 watts. Screw terminal connections shall be provided for the audio lines and impedance selection shall be done through an eight position weather-sealed switch. The connections and impedance tap switch shall be covered with a plastic protective plate which shall simultaneously provide strain relief for the audio line. The unit shall provide a 110-degree dispersion angle and be capable of delivering 114 dB at 1 watt, 1 meter with an overall frequency response of 265 Hz to 6.50 kHz (± 6 dB) and 200 Hz to 14 kHz (± 12 dB). The unit shall have the following physical dimensions: housing (L x H x W), 10.35 x 10.32 x 3.03 inches; 263 x 262 x 77 mm (at base) and a bell of 10.08 x 10.08 inches; 256 x 256 mm. Total weight for the paging horn shall be 88 oz; 2.5 kg.

