



RS31-EZ-T

Architectural Specifications

The loudspeaker transducer shall consist of one full-range 76.1mm (3.0 in.) polypropylene cone with butyl rubber surround.

Performance specifications for a typical production unit shall be as follows: Useable frequency response shall extend from 120 Hz - 22 kHz (-10 dB). Measured sensitivity (2.83 volt input, 1 meter) shall be at least 85.0 dB. The speaker shall have a nominal impedance of 8 ohms, with a 20-watt transformer for distributed systems. The transformer shall have a selectable terminal input strip for 25-, 70.7-, and 100-volt applications with an optional 8 ohm bypass. Rated power capacity shall be at least 20 watts continuous (RMS) and conform to EIA-426-B. Maximum continuous power output at 1 meter shall be 98 dB.

Installation shall be by mounting element designed to retro-fit in most junction boxes. The speaker will hang via 10 foot signal/hanging cable (included). Cover plate is included to store excess signal/hanging cable as it is screwed into place, concealing the mounting element and junction box. The 20-watt transformer will be mounted directly inside the mounting element. The speaker utilizes weatherized components for indoor and outdoor applications.

External wiring shall be by low-profile screw terminal and shall accept from 10–22-gauge wire.

The enclosure shall be constructed of injection-molded, ABS. The grille shall be constructed of powder-coated aluminum for lasting performance and affix to the speaker baffle via pressure fit. Overall cabinet dimensions shall be no more than 80.1 mm (3.15 in.) in height and 110.5 mm (4.4 in.) in diameter. The unit height with stabilizing arm shall be no more than 139.7 mm (5.5 in.).

The system shall be the RS31-EZ-T for both low- and high-impedance applications.