



IPD-RS82-EZ

Architectural Specifications

The loudspeaker shall consist of one 203 mm (8.0 in.) low frequency driver and one 25 mm (1.0 in.) high frequency driver. The low frequency voice coil diameter shall be 25.4 mm (1.0 in.).

Performance specifications of a typical production unit shall be as follows: Useable frequency response shall extend from 80 Hz – 22 kHz (-10 dB). The frequency dividing network shall have a crossover frequency of 2.5 kHz. The unit shall accept 40 watts PoE in addition to PoE plus and standard PoE, as well as the audio signal from a provided network switch, and shall be configurable via software. Maximum continuous output at 1 meter with a 40 watt input shall be 110 dB.

The low frequency transducer shall have a polypropylene cone with a butyl rubber surround. The high frequency transducer shall have a silk dome tweeter with BroadBeam Ring™ technology.

Installation shall be by galvanized steel cables attached to the speaker chassis via fixed cable end that interlocks with integrated mounting bracket. The external wiring shall be via RJ45 ethernet port, accepting standard CAT5 or CAT6 ethernet cable. The system shall be for indoor and outdoor applications and shall have a weather-resistant plug protecting all wire connectors inside the cover plate.

The enclosure shall be constructed of injection-molded ABS. The grille shall be constructed of powder-coated aluminum for lasting performance in the elements. Overall cabinet dimensions shall be no more than 327.7 mm (12.9 in.) in height by 325.9 mm (12.8 in.) in diameter. The unit shall weigh no more than 5.0 kg (11.0 lbs.) and shall include hanging hardware and weather-resistant cover plate plug.

The system shall be the SoundTube IPD-RS82-EZ for Dante™ applications.