HP82-EZ
Architectural Specifications

The loudspeaker shall consist of one 203 mm (8”) low frequency driver and one 19 mm (0.75”) high frequency driver. The low frequency voice coil diameter shall be 38.0 mm (1.5”).

Performance specifications for a typical production unit shall be as follows: usable frequency response shall extend from 80 Hz - 22 kHz (±10 dB). Measured sensitivity (2.83-volt input, 1 meter) shall be at least 89 dB. The speaker shall have a nominal impedance of 16 Ω. The speaker shall be available for 25-, 70.7- and 100-volt modes and shall include a six-position tap switch with a transformer bypass position. Rated power capacity shall be at least 64 watts continuous (RMS) and conform to EIA-426-B testing. Maximum continuous output at 1 meter 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 input connector shall be a four-position ceramic terminal block for low impedance or distributed systems and shall accept from 10 - 22-gauge wire. 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 height by 325.9 mm (12.83”) in diameter. The unit shall weigh no more than 6.35 kg (14.0 lbs) and shall include hanging hardware and weather-resistant cover plate plug.

The system shall be the SoundTube HP82-EZ with hanging hardware for both low and high impedance applications.