

528-810 Flush-Mount Speaker

Architectural Specifications

The loudspeaker shall consist of an 8-inch low-frequency transducer, .75-inch high-frequency transducer in a coaxial alignment, and frequency dividing network installed in a flush-mount enclosure.

Performance specifications of a typical production unit shall be as follows: Measured sensitivity (SPL at 1 m [3.3 ft] with 2.83 V input, averaged from 500 Hz to 1.5 kHz) shall be at least 89 dB. Usable frequency response shall extend from 50 Hz–20 kHz. Nominal impedance shall be 8 ohms. The frequency dividing network shall have a crossover frequency of 3.5 kHz. Rated power capacity shall be at least 100 watts RMS. There shall be optional built-in 70/100 volt multiple-tap transformers available.

The trim ring/grille assembly shall be paintable white injection-molded ABS material with die-cut ABS, 1/16" diameter holes of 3/32" staggered center, 132 holes PSI. The trim ring/grille shall be available round or square and shall be interchangeable.

The enclosure shall be constructed of steel. Overall cabinet dimensions shall be no greater than 13.25 inches outside diameter by 12.00 inches inside diameter (can) by 10.00 inches deep, and shall weigh no more than 13 lb. The system shall be the Posh 528-810 Flush-Mount Speaker System.