

528 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 1.5kHz) shall be at least 89 dB. Usable frequency responseshall extend from 47 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 atleast 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. Plastic parts include UV inhibitor. The trim/grille shall be available round or square and shall be interchangeable.

The patented enclosure shall be constructed of injection-molded HIPS. Overall cabinet dimensions shall be no greater than 18.00 inches high by 18.00 inches wide (13.62 inches with wings removed) by 7.25 inches deep, and shall weigh no more than 13 lb. The system shall be the Posh 528 Flush-Mount Speaker System.