

928 Flush-Mount Speaker



Features

- Uses the full-range SP9 coaxial speaker
- Acoustic suspension 8" two-way design
- Durable injection-molded HIPS
- Patented interchangeable grilles
- Extended bandwidth
- Available with 70/100 volt transformer

Applications

- High-end custom home audio systems
- Restaurants (indoor/outdoor)
- Retail establishments
- Schools
- Houses of worship
- Amusement parks

Description

The Posh 928 Flush-Mount Speaker is the top of the line. This high-performance ceiling speaker uses the exclusive Posh SP-9 8" coaxial driver with a cast basket, fiberglass cone, butyl rubber surround, heavy duty magnet, and a one-inch neodymium soft-dome tweeter. Used with the patented Posh acoustic chamber and baffle, this combination offers high power handling, extended bass, and incredibly smooth off-axis response.

The 928 is the ideal speaker for those installations where only the best will do—but priced to be competitive with many speakers far below its sonic performance. This complete system is available fully assembled or as a rough-in kit, and is designed to fit either 16" or 24" on-center installations. Its 7.25" depth makes it ideal for 2" x 8" construction. It also has an optional 70/100 volt extended-bandwidth transformer.

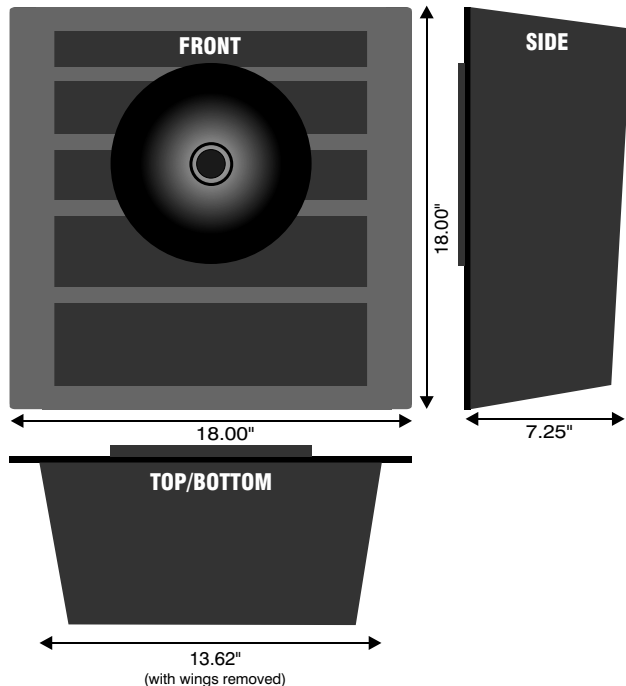
The low-profile grille is fully paintable and available in either round or square styles to match any ceiling decor. This is THE speaker for high-profile, high-performance commercial or residential installations. This speaker has won the coveted CES Design and Engineering Showcase Award.



Specifications

Frequency Response	35 Hz–20 kHz 45° on/off axis
Power Handling	150 watts RMS
Sensitivity	90 dB, 1 watt / 1 meter
Nominal Impedance	8 ohms
Crossover Frequency	3.5 kHz first order
LF Driver	8" doped woven fiberglass, butyl rubber surround, Kapton voice coil
HF Driver	1" sealed soft-dome tweeter with neodymium magnet
Enclosure	Patented HIPS baffle plate with acoustic chamber
Dimensions	18.00" H x 18.00" W x 7.25" D (13.62" W with wings removed)
Net Weight	15 lb

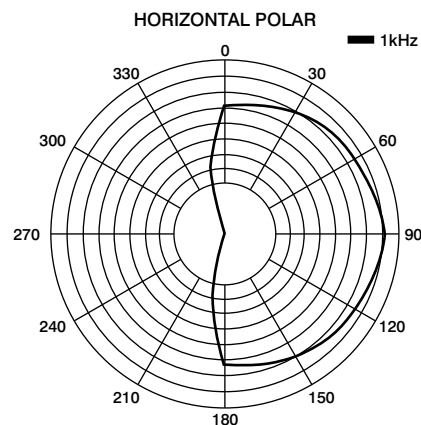
Technical Drawings



Options

- Round or square grilles (paintable)
- 70/100 volt transformer
 - 1.25, 2.5, 5, 7.5 and 15 watt taps at 70 V
 - 2.5, 5, 10 and 15 watt taps at 100 V
- 24" adapter bars
- Steel air plenum enclosure
- Assembled or unassembled

Acoustical Specifications



Architectural Specifications

The loudspeaker shall consist of an 8-inch low-frequency transducer, 1-inch high-frequency transducer, 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 90 dB. Usable frequency response shall extend from 35 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 150 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 1/16" diameter holes of 3/32" staggered center, 132 holes PSI. Plastic parts include UV inhibitor. The trim ring/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 15 lb. The system shall be the Posh 928 Flush-Mount Speaker System.

Posh Speaker Systems

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