

# 528 Flush-Mount Speaker

**posh**  
Speaker Systems

## Features

- Uses the full-range SP5 coaxial speaker
- Acoustic suspension 8" two-way design
- Durable injection-molded HIPS
- Patented interchangeable grilles
- Extended bandwidth
- Available with 15 or 30 watt 70/100 volt transformer

## Applications

- Custom residential audio systems
- Restaurants (indoor/outdoor)
- Retail establishments
- Schools
- Houses of worship
- Amusement parks

## Description

The Posh 528 is one of the finest ceiling speakers available anywhere. Combining the exclusive Posh SP-5 8" coaxial driver with Posh's patented injection-molded enclosure, the 528 offers superior frequency response and exceptional off-axis dispersion. This acoustic suspension design is ideal for both high-end home systems and commercial and business systems that require true high-fidelity sound with superior bass response. The 528 system is available with a 70/100 volt extended-bandwidth transformer and is designed for either 16-inch or 24-inch on-center installations. The 528 is available either unassembled or fully assembled.

The sleek grille is completely paintable and is available in either round or square design and can be changed out even after the job is completed. The patented trapezoidal acoustic chamber has no parallel internal surfaces, eliminating unwanted phase cancellation, enhancing the deep full bass. The high-performance 528 driver delivers a flat response up to 45 degrees off-axis.

This high-performance ceiling speaker will add exceptional performance to either commercial or custom home installations at a price far below what might be expected.



## Specifications

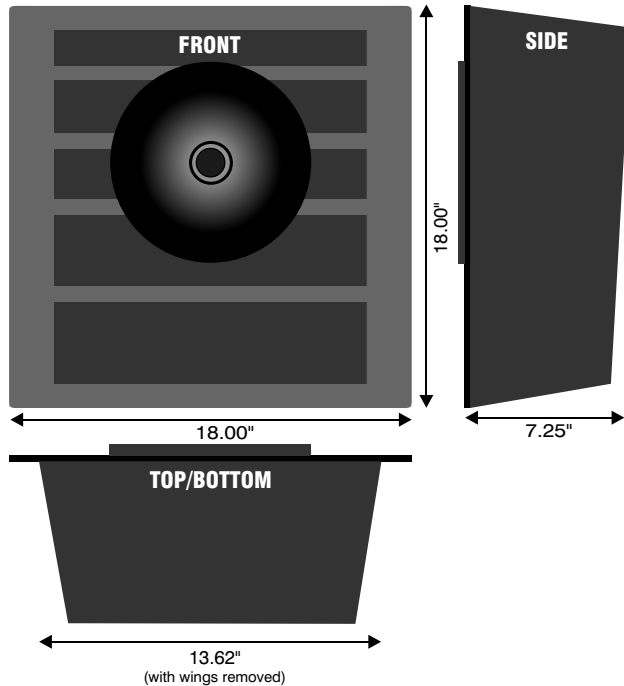
Frequency Response	47 Hz–20 kHz 45° on/off axis
Power Handling	100 watts RMS
Sensitivity	89 dB, 1 watt/ 1 meter
Nominal Impedance	8 ohms
Crossover Frequency	3.5 kHz first order
LF Driver	8" treated paper cone, butyl rubber surround, Kapton voice coil
HF Driver	.75" sealed polymer dome
Enclosure	Patented 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	13 lb

[www.poshspeakers.com](http://www.poshspeakers.com)

**800.841.8501**

*Specifications subject to change without notice*

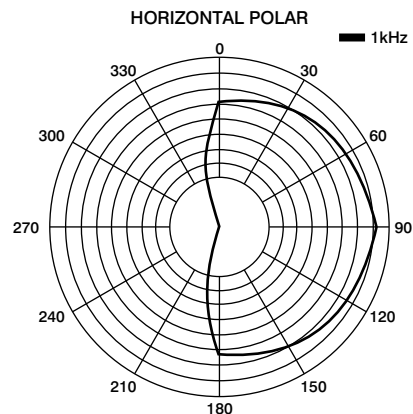
## Technical Drawings



## 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, 7.5 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, .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 [3.3ft] 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 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 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. 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.

## Posh Speaker Systems

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