

5.25 Retro Ceiling Speaker



Features

- Full-range 5.25" coaxial speaker
- Sealed drawn steel enclosure
- ABS baffle
- Paintable grille
- Easy installation, new and retrofit
- 70/100 volt transformer with 8-ohm bypass

Applications

- Restaurants (indoor/outdoor)
- Retail establishments
- Houses of worship
- Commercial facilities
- Amusement parks
- Corporate audio — boardrooms



Description

The innovative Posh 5.25 Retro-fit Ceiling Speaker offers exceptional frequency response and ease of installation. The 5.25" coaxial loudspeaker comes self-contained in a sealed drawn steel enclosure, and includes a built-in extended bandwidth 70/100 volt transformer with multiple tap positions. With its small footprint (just 9.25") and light weight (only 6 lb), the Posh 5.25 Retro Ceiling Speaker mounts quickly and easily with four screw-mounted dogleg brackets to either ceiling tiles or sheet-rock. An attractive grille pushes into place to finish the quick installation. The system comes fully assembled, pair-packed with mounting C-ring and tile bridge supports.

The 5.25 Retro Ceiling Speaker has excellent full-range response with exceptional off-axis sound dispersion. It is an economical yet attractive full-range ceiling speaker, making it ideal for all types of commercial and business environments. This speaker is designed to perform multiple functions such as paging, messaging, and delivering either high-fidelity foreground or background music.

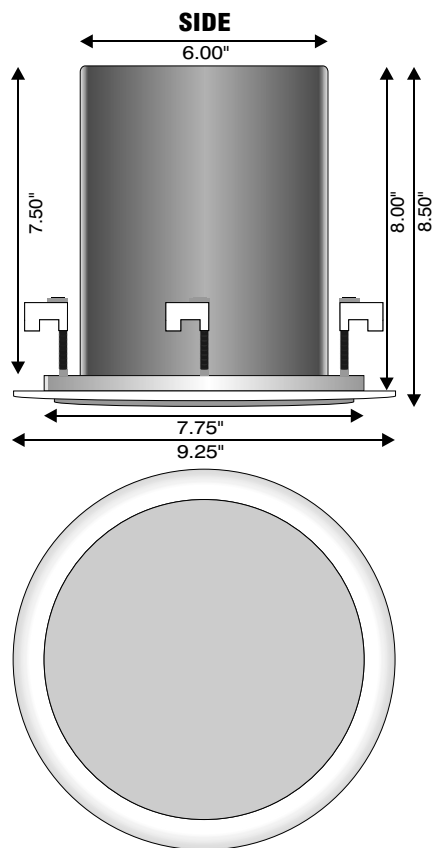
Specifications

Frequency Response	80 Hz – 18 kHz
Power Handling	20 watts RMS
Sensitivity	88 dB, 1 Watt / 1 meter
70 V Transformer, 10 W	Taps: .625, 1.25, 2.5, 5, 10
100 V Transformer, 10 W	Taps: 1.25, 2.5, 5, 10
Crossover Frequency	3 kHz first order
LF Driver	5.25" doped paper cone, butyl rubber surround, Kapton voice coil
HF Driver	.75" sealed ferrofluid poly
Enclosure	Drawn steel
Dimensions	9.25" diameter, 8.00" deep
Net Weight	6 lb

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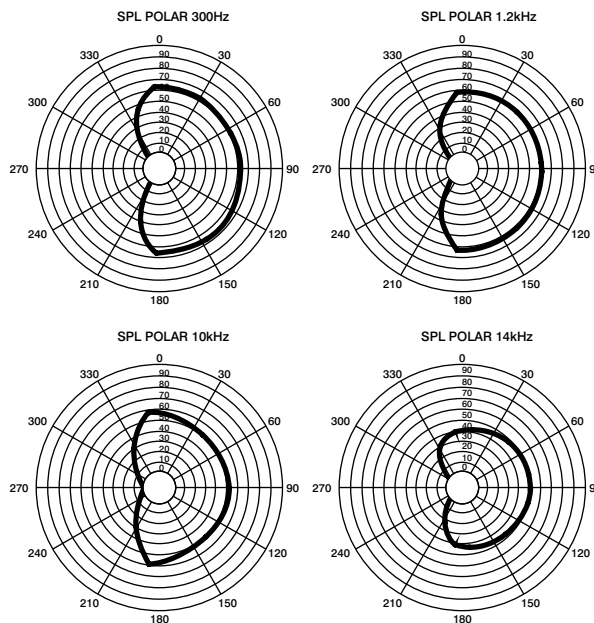
Technical Drawings



Options

- Rough-in mounting brackets for new construction

Acoustical Specifications



Architectural Specifications

The loudspeaker shall consist of a 5.25-inch low-frequency transducer, .75-inch high-frequency transducer in a coaxial alignment, and frequency dividing network installed in a drawn steel 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 88 dB. Usable frequency response shall extend from 80 Hz–18 kHz (10 dB below rated sensitivity, in half-space, with no external equalization). The frequency dividing network shall have a crossover frequency of 3 kHz. Rated power capacity shall be at least 20 watts RMS.

The enclosure shall be constructed of drawn steel. The grille shall be a paintable steel with ABS bezel. The low-frequency transducer shall be constructed of a doped paper cone with a butyl rubber surround. The high-frequency transducer shall be constructed of sealed ferrofluid poly cone. Overall cabinet dimensions shall be no greater than 9.25 inches in diameter by 8.00 inches deep, and shall weigh no more than 6 lb. The system shall be the Posh 5.25 Retro Ceiling Speaker System.

Posh Speaker Systems

7861 NE Day Road West • Bainbridge Island, WA 98110
Fax: 206.842.0494 • email: info@poshspeakers.com