

Features

- Full-range 5.25" coaxial speaker
- Sealed steel enclosure
- ABS ported baffle
- Paintable grille and bezel
- Easy installation, new or retrofit drop-tile
- 70/100 volt transformer with 8-ohm bypass
- Completely preassembled

Applications

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



Description

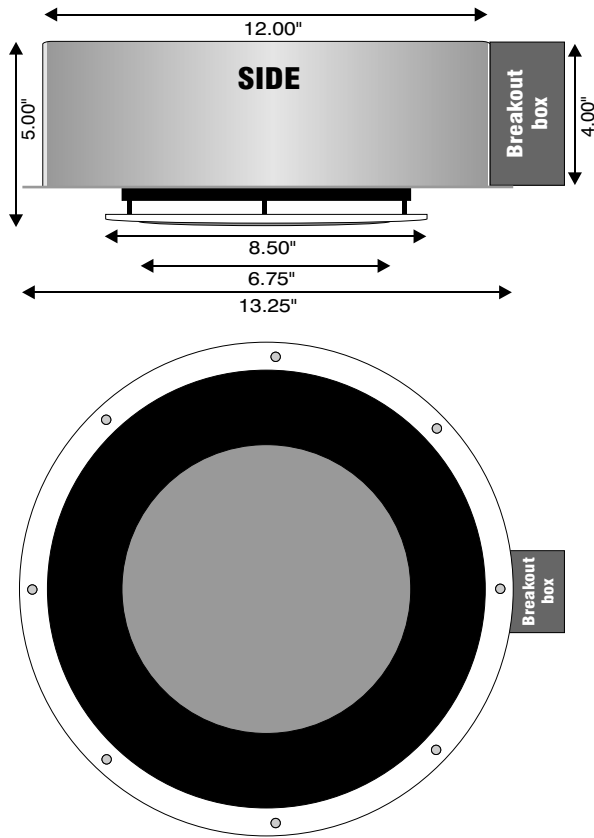
The GCS Global Ceiling Speaker is designed to give exceptional frequency response in an economical, fully assembled, easy to install package. The 5.25" coaxial speaker is mounted in a steel enclosure and comes with attached junction box. It is ideally suited for commercial drop-tile ceiling applications. The GCS comes complete with mounting rails and grille, pair-packed and ready to install. With its 70/100 volt extended-bandwidth transformer and variable-tap selector switch, accessible after installation, the GCS significantly reduces installation time.

Once installed, the Posh GCS Global Ceiling Speaker is covered by an attractive 8.5" diameter flush-mounted round grille. The grille is paintable, and can be removed easily to give access to the transformer selector switch. With its deep bass response, smooth full-range sound and superior off-axis performance, the GCS is the ideal, cost-effective speaker for any commercial or business installation.

Specifications

Frequency Response	80 Hz–18 kHz
Power Handling	20 watts RMS
Sensitivity	88 dB, 1 watt /1 meter
70V Transformer, 10w	Taps: .625, 1.25, 2.5, 5, 10
100V Transformer, 10w	Taps: 1.25, 2.5, 5, 10
Crossover Frequency	3kHz
LF Driver	5.25" doped paper cone, butyl rubber surround, Kapton former voice coil
HF Driver	.75" sealed ferrofluid poly
Enclosure	Steel
Dimensions	13.25" diameter, 4.00" deep 8.50" grille
Net Weight	8 lb

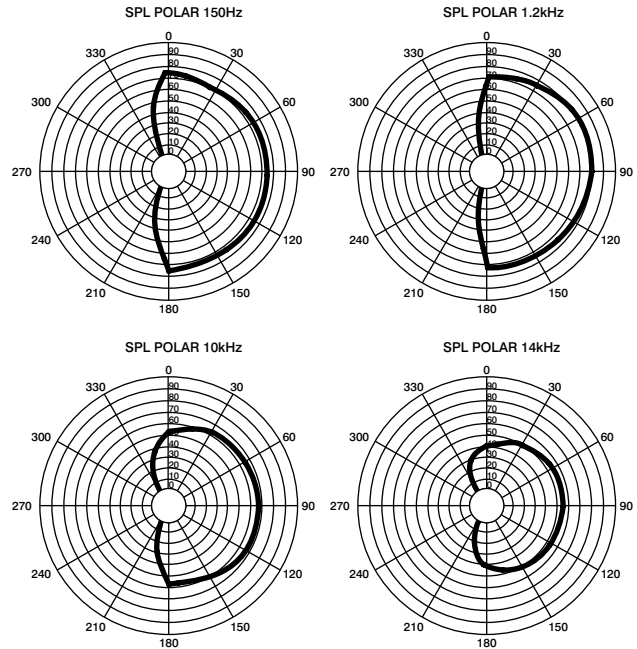
Technical Drawings



Options

- Rough-in mounting brackets for new construction
- Protective disc for painting and plastering

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 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 steel. The grille shall be a paintable perforated metal 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 13.25 inches in diameter by 4.00 inches deep, and shall weigh no more than 8 lb. The system shall be the Posh GCS Global Speaker System.

Posh Speaker Systems

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