

T2 Surface-Mount Speaker



Features

- Extended-range 5.25" two-way speaker
- Trapezoidal enclosure
- Durable injection-molded ABS
- Available in black or white
- Wideband 70/100 volt transformer
- Mounting bracket included

Applications

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

Description

The Posh T2 Surface-Mount Speaker System is a 5.25" two-way speaker designed to deliver excellent full-range audio with exceptional three-dimensional imaging and musicality in commercial 70/100 volt applications. The compact trapezoidal enclosure is an acoustic suspension design made of durable injection-molded ABS. The 5.25" driver has a polypropylene cone and butyl rubber surround, making it suitable for indoor or outdoor installations. The 1" ferrofluid-cooled titanium-coated tweeter is recessed in a hemi-design baffle for smooth off-axis dispersion characteristics.

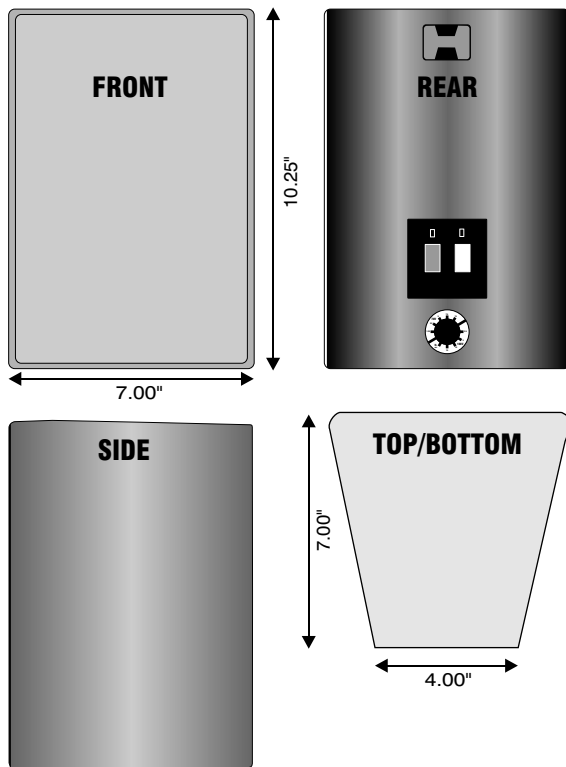
The T2 is available in black or white, and comes with a steel mounting bracket. Its extended-bandwidth 70/100 volt transformer is adjustable with an easy-access selector switch. The T-2 can be used as either a full-range standalone speaker, or as a satellite in a satellite/subwoofer system. In appearance and performance, the T2 easily competes with speakers costing twice as much.



Specifications

Frequency Response	80 Hz–20 kHz
Power Handling	60 watts RMS
Sensitivity	87 dB, 1 watt / 1 meter
Crossover Frequency	3 kHz, with mylar capacitor
LF Driver	5.25" polypropylene cone with butyl rubber surround
HF Driver	1" sealed black, ferrofluid-cooled, titanium-coated
Enclosure	Injection-molded ABS, acoustic suspension
Termination	Spring terminals
Dimensions	10.25" H x 7.00" W x 7.00" D
Net Weight	7 lb

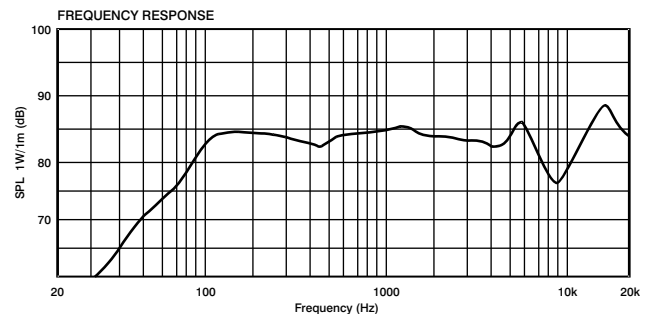
Technical Drawings



Options

- Paintable black or white
- 70 V: 1.25, 2.5, 5, 7.5 and 15 watt taps
- 100 V: 2.5, 5, 10 and 15 watt taps
- Ball and socket mounting brackets

Acoustical Specifications



Architectural Specifications

The loudspeaker shall consist of a 5.25-inch low-frequency transducer, 1-inch high-frequency transducer, and frequency dividing network installed in a trapezoidal 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 87 dB. Usable frequency response shall extend from 80 Hz–20 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 60 watts RMS.

The enclosure shall be constructed of black or white injection-molded ABS for protection against the elements in outdoor applications, and for paintability. The grille shall be steel. The low-frequency transducer shall be constructed of a polypropylene cone with a butyl rubber surround. The high-frequency transducer shall be constructed of sealed-back ferrofluid-cooled, titanium-coated dome for additional weather resistance. The external wiring connectors shall be spring loaded and shall accept bare wire.

Overall cabinet dimensions shall be no greater than 10.25 inches high by 7.00 inches wide by 7.00 inches deep, and shall weigh no more than 7 lb. The finish shall be a paintable, lightly textured black or white. The system shall be the Posh T2 Surface-Mount Speaker System.

Posh Speaker Systems

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