

# 835-OS Open-to-Structure Subwoofer



## Features

- Long-excursion 8" driver
- Mono or dual voice coil
- 1.5" vented long-throw voice coil
- Fiber-formed acoustic cylinder
- Fully assembled
- Available with 30 or 60 watt 70/100 volt transformer

## Applications

- Warehouses
- Restaurants
- Retail establishments
- Schools
- Houses of worship



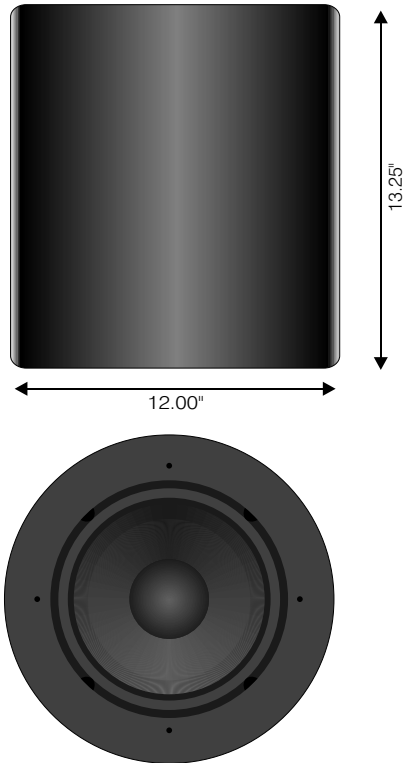
## Description

The Posh 835-OS loudspeaker is uniquely designed for open-to-structure applications. It uses the high-performance Posh SP-8 woofer. It is available in either single (mono) or dual (stereo) voice-coil models, with or without a crossover, and optional 30 or 60 watt transformers. The 8" long-excursion driver is capable of handling up to 150 watts of power. The unique enclosure is a rugged yet attractive fiber-formed acoustic cylinder that is designed to be suspended directly from the ceiling structure by support wires. This is ideal for applications in which there is no hard lid or drop-tile ceiling. The three supplied eyebolts allow you to easily suspend the speaker from any height. This unique speaker delivers extended bass response, even when suspended from 20 to 30 foot heights. The 835-OS is available with an optional variable wattage tap selector switch for either 70 or 100 volt applications. The 835-OS is available in either white or black finish, enabling it to blend into the overall ceiling color of most spaces and create an unobtrusive yet versatile subwoofer. The Posh 835-OS will greatly enhance the low frequencies of any open-to-structure distributed sound system.

## Specifications

Frequency response	40 Hz–120 kHz
Power handling	150 watts RMS
Sensitivity	89 dB, 1 watt / 1 meter
Nominal Impedance	8 ohms
Crossover (optional)	120 Hz
LF driver (mono)	8" treated paper, foam surround, stamped basket, vented 1.5" voice coil with long-throw design
LF driver (dual)	8" poly cone dual-vented 1.5" voice coil with long-throw design
Enclosure	Fiber-formed acoustic cylinder
Dimensions	13.25" H x 12.00" diameter
Net Weight	19 lb

### Technical Drawings



### Options

- Black or white finish
- 70/100 volt transformer
- 70 V: 1.25, 2.5, 5, 7.5 and 15 watt taps
- 100 V: 2.5, 5, 10 and 15 watt taps

### Architectural Specifications

The loudspeaker shall consist of an 8-inch low-frequency transducer and optional frequency dividing network installed in a flush-mounted 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 shall be at least 89 dB. Usable frequency response shall extend from 40 Hz–120 Hz. Nominal impedance shall be 8 ohms. The (optional) frequency dividing network shall have a crossover frequency of 120 Hz. 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 injection-molded ABS material with die-cut ABS 1/16" diameter holes of 3/32" staggered center, 132 holes PSI.

The enclosure shall consist of a fiber-formed acoustic cylinder. Overall cylinder dimensions shall be no greater than 13.25 inches high by 12.00 inches in diameter, and shall weigh no more than 18 lb. The system shall be the Posh

### **Posh Speaker Systems**

7865 NE Day Road West • Bainbridge Island, WA 98110  
Fax: 206.842.0494 • email: [info@poshspeakers.com](mailto:info@poshspeakers.com)