

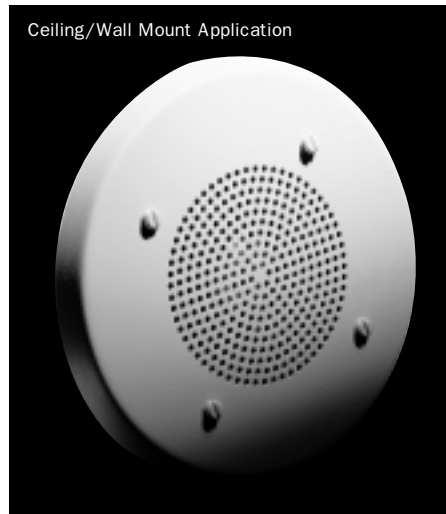
SpectrAlert™ SP200 Series Dual Voltage Evacuation Speakers



Models Available

Ceiling Mount
SP200W

Wall Mount
SP201R
SP201W



Product Overview

Fidelity sound quality

25.0 and 70.7 Vrms dual voltage settings

Four field-selectable power taps

No extension ring required

Low profile design

Ceiling and wall mount applications

Grilles available in white and red

Color matched mounting screws

System Sensor's SP200 series speakers combine performance, functionality, and flexibility in the latest line of dual voltage evacuation speakers.

Performance. With its low total harmonic distortion, the SpectrAlert SP200 series offer fidelity quality sound output. This performance provides greater assurances that the SP200's output more closely matches the source signal. This fidelity sound quality is achieved at any of the SP200's four field selectable power taps: $\frac{1}{4}$, $\frac{1}{2}$, 1, and 2 watts.

Functionality. Installation ease and functionality are achieved via the SP200's compact design, which allows flush mounting to a 4x4x2 $\frac{1}{8}$ back box, without the need for an extension ring.

Flexibility. The SP200 is designed for a variety of application requirements. Offered with round and square grilles, the SP200 can be either ceiling or wall mounted. White and red grille color options are also available, to meet specific aesthetic requirements.

Engineering Specifications

Speaker shall be a System Sensor Model _____ dual voltage transformer speaker capable of operating at 25.0 or 70.7 nominal Vrms. Speaker shall be listed to Underwriter's Laboratories Standard 1480 for fire protective signaling systems. Speaker shall have a frequency range of 400 to 4000 Hz and shall have an operating temperature between 32° and 120° F. Speaker shall have power taps which are selected by shunts.



Mechanical Specifications SP200 Series

Input Terminals
12 to 18 AWG

Speaker Size
4 inches (101 mm)

Grille Size
Round 7 3/8 inches (107 mm)
Square 5 inches (127 mm)

Electrical Specifications SP200 Series

Voltage Input
25.0 volts or 70.7 volts nominal

Operating Temperature Range
32° to 120°F (0° TO 49°C)

Power
1/4, 1/2, 1 and 2 watts

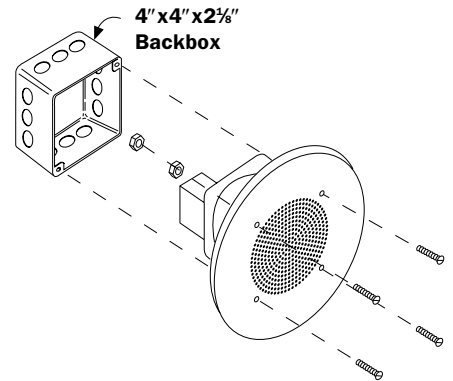
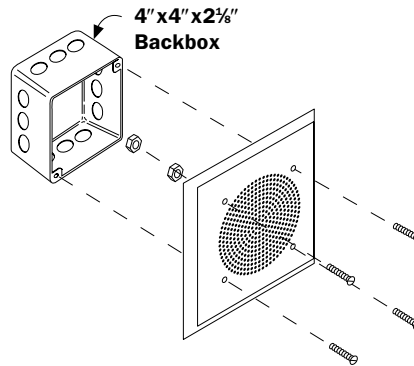
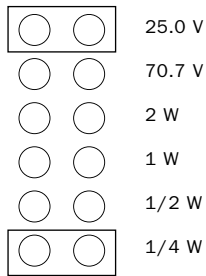
Frequency Range
400 to 4000 Hz
The SP200 Series is UL Listed from 400 to 4000 Hz, but will provide an output from 100 to 10,000 Hz.

Sound Output

	2W	1W	1/2W	1/4W
UL Reverberant (dBA @ 10 ft.)	84	81	78	75
Anechoic (dBA @ 10 ft.)	87	84	81	78

Simple Voltage and Power Selection

Example: Selecting a 1/4 watt input when a 25.0 volt (nominal) amplifier is being used.



Ordering Information

White	Red	Description	Speaker Voltage
SP200W	—	Round 7 3/8" grille, 1/4-2 watt power tap	25.0/70.7 Vrms
SP201W	SP201R	Square, 5" grille, 1/4-2 watt power tap	25.0/70.7 Vrms

System Sensor Sales and Service

System Sensor Headquarters

3825 Ohio Avenue
St. Charles, IL 60174

Ph: 800-SENSOR2

Fx: 630/377-6495

Documents On Demand:

1-800-736-7672 x3

Web: www.systemsensor.com

System Sensor Canada

Ph: 905.812.0767

Fx: 905.812.0771

System Sensor in Europe

Ph: 011.44.1403.276500

Fx: 011.44.1403.276501

System Sensor in China

Ph: 011.86.29.524.6253

Fx: 011.86.29.524.6259

System Sensor in Singapore

Ph: 011.65.273.2230

Fx: 011.65.273.2610

System Sensor- Far East

Ph: 011.852.21919003

Fx: 011.852.27366580

System Sensor- Australia

Ph: 011.613.54.281.142

Fx: 011.613.54.281.172