

SPECTRAlert®

SP201K Outdoor Dual Voltage Evacuation Speakers



Models Available

Wall Mount

SP201K

(outdoor backbox included)



Product Overview

Fidelity sound quality

25.0 and 70.7 Vrms dual voltage settings

Four field-selectable power taps

Low profile design

Color matched mounting screws

Suitable for use in outdoor environments

System Sensor's SP201K series speakers combine performance, functionality, and flexibility in the latest line of dual voltage outdoor evacuation speakers.

Performance. With its low total harmonic distortion, the SpectrAlert SP201K series offer fidelity quality sound output. This performance provides greater assurances that the SP201K'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: 1/4, 1/2, 1, and 2 watts.

Installation. The SpectrAlert Outdoor Dual Voltage Evacuation Speaker is supplied with its own weatherproof back box.

Flexibility. The speaker voltage, either 25.0 or 70.7, and power tap settings, either 1/4, 1/2, 1, or 2 watt, are field-selectable to provide an appropriate dB output for each unit.

Aesthetics. SpectrAlert Outdoor Speakers incorporate the same stylish, low profile design of the conventional SpectrAlert products, for a consistent and aesthetically pleasing appearance across the entire product line.

Engineering Specifications

Speaker shall be a System Sensor Model SP201K dual voltage transformer speaker capable of operating at 25.0 or 70.7 nominal Vrms. Speaker shall be listed to Underwriter's Laboratories Standard S4048 for outdoor fire protective signaling systems. Speaker shall have a frequency range of 400 to 4000 Hz and shall have an operating temperature from -40°F to 150.8°F. Speaker shall have power taps which are selected by shunts. The speaker must be installed with its weatherproof backbox in order to remain outdoor approved per UL listing S4048. The speaker shall be suitable for use in air handling spaces, as well as wet environments.



Mechanical Specifications SP201K Series

Input Terminals

12 to 18 AWG

Speaker Size

4 inches (101 mm)

Grille Size

4¹³/₁₆" (122 mm) square

Back Box

6⁵/₈" x 5¹/₄" x 4" (168mm x 133mm x 102mm)

Electrical Specifications SP201K Series

Voltage Input

25.0 volts or 70.7 volts nominal

Operating Temperature Range

-40°F to 150.8°F (-40°C to 66°C)

Power

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

Frequency Range

400 to 4000 Hz

The SP201K Series is UL Listed from 400 to 4000 Hz, but will provide an output from 100 to 10,000 Hz.

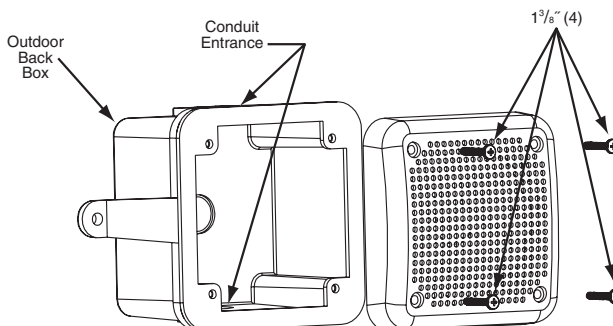
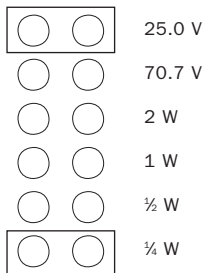
Sound levels for each transformer power tap

INPUT VOLTS	2 W	1 W	1/2 W	1/4 W
25.0	89	87	85	81
70.7	90	87	84	81

UL
Reverberant
(dBA @ 10 ft.)

Simple Voltage and Power Selection

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



Ordering Information

Red	Description	Speaker Voltage
SP201K	Square, 4 ¹³ / ₁₆ " grille, 1/4-2 watt power tap	25.0/70.7 Vrms
Accessories		
Included	Surface mount backbox for SP201K	NA

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