



## Outdoor, Dual-Voltage Evacuation Speakers for Wall Applications

*SpectrAlert® Advance outdoor, selectable output dual-voltage evacuation speakers meet virtually any outdoor application requirement.*



**SPECTRAlert**  
**ADVANCE**

### Features

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- Weatherproof per NEMA 4X, IP56
- Rated from -40°C to 66°C
- Plug-in design reduces ground faults
- Universal mounting plate with onboard shorting spring that tests wiring continuity before devices are installed
- Rotary switch for speaker voltage (25 and 70.7 Vrms) and power settings (1/4, 1/2, 1 and 2 watts)
- Tamper-resistant construction

**SpectrAlert Advance** offers the broadest line of outdoor speakers in the industry. From metal and plastic outdoor back boxes, to white and red plastic housings, to wall and ceiling mounting options, SpectrAlert Advance can meet virtually any application requirement.

Wall-mount outdoor speakers can be used indoors or outdoors in wet or dry applications, and can provide reliable operation from -40°C to 66°C. These speakers provide a broad frequency response range, low harmonic distortion and maintain a high sound pressure level at all tap settings to provide accurate and intelligible broadcast of evacuation messages.

Like the entire SpectrAlert Advance line, wall-mount outdoor speakers include a variety of features that increase application flexibility and simplify installation. First, field-selectable settings, including, speaker voltage and power settings, and automatic selection of 12- or 24-volt operation enable installers to easily adapt devices to meet requirements.

Next, these devices use a universal mounting plate with an onboard shorting spring that ensures wiring continuity before devices are installed, so installers can verify proper wiring without mounting the devices and exposing them to potential construction damage. Once the plates are mounted, all SpectrAlert Advance devices utilize a plug-in design with a single captured screw to speed installation and virtually eliminate costly ground faults.

Outdoor devices ship with weatherproof plastic back boxes (metal back boxes are available separately) that accommodate in-and-out wiring for daisy chaining devices. Plastic back boxes feature removable side flanges and improved resistance to saltwater corrosion. Knock-outs located on the back eliminate the need to drill holes for screw-in mounting. Plastic and metal weatherproof back boxes come with 3/4-inch top and bottom conduit entries and 3/4-inch knock-outs at the back. A screw-in NPT plug with an O-ring gasket for a watertight seal is included with each back box.

### Agency Listings

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# SpectrAlert® Advance Outdoor Speaker Specifications

## Architectural/Engineering Specifications

### General

SpectrAlert Advance outdoor speakers shall mount to a weatherproof back box. A universal mounting plate shall be used for mounting ceiling and wall products. The amplifier wiring shall terminate at the universal mounting plate. Outdoor SpectrAlert Advance products shall operate between -40°C to 66°C.

### Speaker

Speaker shall be a System Sensor SpectrAlert Advance Model \_\_\_\_\_ dual-voltage transformer speaker capable of operating at 25.0 or 70.7 nominal Vrms. Speaker shall be listed to CAN/ULC S541. Speaker shall have a frequency range of 400 to 4,000 Hz and shall have an operating temperature from -40°C to 66°C. Speaker shall have power taps and wattage settings that are selected by rotary switches. The speaker must be installed with its weatherproof back box in order to remain outdoor approved. The speaker shall be suitable for use in air handling spaces and wet environments.

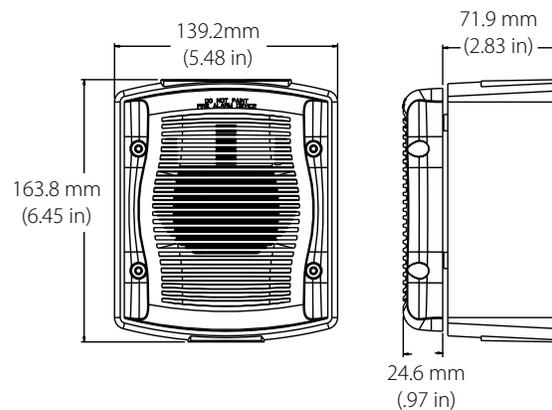
## Physical Specifications

<b>Operating Temperature</b>	-40°C to 66°C (-40°F to 151°F)
<b>Dimensions, Wall-Mount</b>	152.4 mm L x 127 mm W x 71.9 mm D (6.0 in x 5.0 in x 2.83 in)
<b>Dimensions, Wall-Mount Weatherproof Back Box</b>	163.8 mm L x 139.2 mm W x 71.9 mm D (6.45 in x 5.48 in x 2.83 in)
<b>Electrical/Operating Specifications</b>	
<b>Nominal Voltage (speakers)</b>	25 V or 70.7 V (nominal)
<b>Maximum Supervisory Voltage (speakers)</b>	50 VDC
<b>Frequency Range</b>	400 to 4,000 Hz
<b>Power</b>	¼, ½, 1, 2 watts

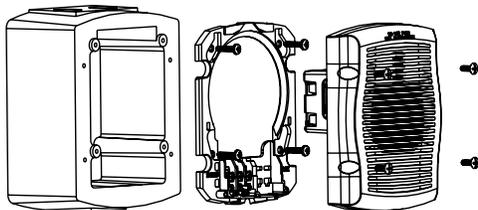
## Sound Output Data

Sound Output				
ULC ANECHO1C (dBA @ 10 ft.)	2W	1W	½ W	¼ W
Outdoor Speaker	91	88	85	82

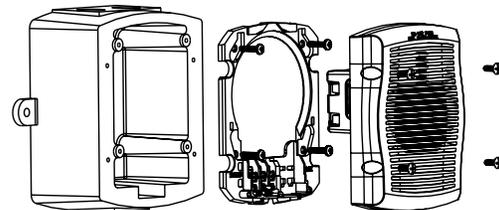
## Dimensions



## Surface Mounting



Wall-Mount Speaker with Plastic Weatherproof Back Box



Wall-Mount Speaker with Metal Weatherproof Back Box

## Ordering Information for SpectrAlert® Advance Outdoor Speakers

Wall Mount		
White	Red	Description
SPWKA*	SPRKA*	Outdoor Speaker (includes plastic weatherproof back box)
Accessories		
White	Red	Description
MWBBW	MWBB	Wall, Metal Weatherproof Back Box

### Notes:

\*Add "-R" to model number for weatherproof replacement device (no back box included), e.g., SPWK-R.

†Add "-P" to model number for plain housing (no "FIRE" marking on cover), e.g., SPSWK-P.



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