



by Honeywell

System Sensor Selectable Output Wall Speaker/Strobe

Description

The System Sensor SpectrAlert™ Series selectable output speaker/strobes offer enhanced features that include an extensive range of available candela options. These speaker/strobes have the capacity to identify and self-adjust for either 12 or 24 volt DC operation. In addition, the speaker/strobes use the enhanced SP200 speaker technology to provide high quality fidelity sound.

The selectable output strobe speaker/strobe includes average current draws that are not only lower than conventional fixed-candela SpectrAlert products, but also lower than similar selectable candela products. The SpectrAlert speaker technology provides a wide range of frequency response and low harmonic distortion that amplifies an accurate and audible broadcast of evacuation messages.

The selectable output strobes operate on either 12 or 24V DC, with no setting required. The device automatically identifies and self-adjusts to the correct current. The speaker voltage (either 25.0 or 70.7) and power tap settings (1/4, 1/2, 1, or 2 watt) are field-selectable.

SpectrAlert selectable output speaker/strobes offer a variety of installation options. For example, the speaker/strobes can be mounted on a 4" x 4" x 2 1/8" backbox. This backbox does not require an extension ring. Another installation option provides a field-reversible strobe that may be either left- or right-mounted to avoid potential obstructions.

The SpectrAlert selectable output speaker/strobes appearance is a stylish low profile design that is similar to other conventional SpectrAlert product lines.

SP2R1224MC
SP2W1224MC



SP2R1224MC/SP2W1224MC

Features

- Listed under UL Standards 1971 and 1480.
- Combines the SpectrAlert selectable output strobe with SP200 speaker technology.
- Operates on either 12 or 24VDC.
- Offers a wide range of candela options:
 - 12V: 15 and 15/75 candela.
 - 24V: 15, 15/75, 30, 75, and 110 candela.
- Simplified candela selection.
- Uses 25.0 and 70.7 volt speaker with four (4) field-selectable power taps.
- Synchronizes with MDL sync circuit module.
- Provides a field-reversible strobe for left or right mounting and an optional surface-mount backbox skirt is available.

An ISO 9000-2000 Company



7320-1653:133

GAMEWELL-FCI

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Specifications are for information only, are not intended for installation purposes, and are subject to change without notice. No responsibility is assumed by Gamewell-FCI for their use.

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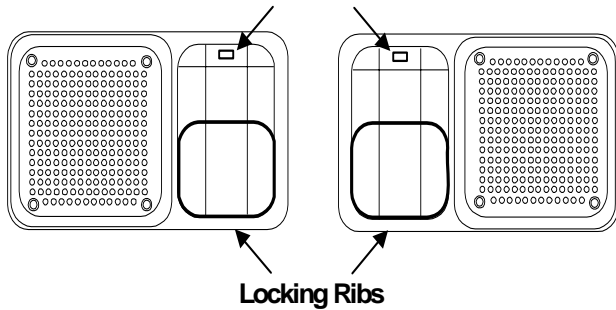
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Reversible strobe feature

Removing the strobe screw and lifting the strobe assembly out of the rib slot allows the strobe to be rotated 180° and remounted to the base resulting in a left-mounted strobe configuration.

Insert screwdriver to remove strobe screw.



Model No.	Candela Setting	FWR Operating Current-Strobe (mA RMS)		DC Operating Current-Strobe (mA RMS)	
		12 V	24 V	12 V	24 V
SP2R1224MC Speaker/Strobe	15	112	64	127	59
	15/75	135	74	127	69
	30		93		90
	75		158		160
	110		208		209

Ordering Information:

Part Number	Description
SP2R1224MC	Selectable Output Wall Speaker/Strobe
SP2W1224MC	Selectable Output Wall Speaker/Strobe

Specifications

Indoor operating

temperature: 32° to 120° F (0° to 49° C)

Mounting: 4" x 4" x 2 1/8"
(10.2 x 10.2 x 5.5 cm)

Dimensions: 4 7/8" x 8 1/4" x 2 1/4"
(12 x 20.6 x 5.7 cm)

Strobe Specifications:

Strobe operating voltage: 12 or 24 VDC and FWR unfiltered

***Operating voltage range:** 12V: 8-17.5V; 24V: 16-33V

***Operating voltage range with Sync Circuit Module:** 12V: 9-17.5V; 24V: 17-33V

Speaker Specifications:

Input voltage: 25.0 or 70.7 V_{RMS} (nominal)

Frequency range: 400-4000 Hz
Note: The SP2 Series is UL Listed from 400 to 4000 Hz but will provide an output from 100 to 10,000 Hz.

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

*Note: These products should be operated within their rated voltage range. UL does, however, test functional integrity to -20% and +10% of the manufacturer's stated ranges.

Sound Output

	2 Watts	1 Watt	1/2 Watt	1/4 Watt
Sound Output (UL reverberant @ 10 ft.)	84	81	78	75
Sound Output (UL anechoic @ 10 ft.)	87	84	81	78

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