

SpectrAlert™ Electronic Chime/Sounder



Models Available

Red	White
CH12/24	CH12/24W

Accessory Mounting Plates

Red	White
S-MP	S-MPW
BBS	BBSW



Product Overview

Meets UL 464 requirements for Private Mode

Field-selectable tones

- Repeating 1 second chime
- Repeating ½ second chime
- Temporal 3 chime
- Single stroke chime
- Electromechanical / 3kHz
- Electromechanical / 500 Hz
- Temporal 3 / 3kHz
- Temporal 3 / 500 Hz

Three volume options

Available in red or white

System Sensor's SpectrAlert wall-mount electronic chime/sounder offers sixteen different field-selectable chime tones, each with three volume settings. Intended for private mode applications, the SpectrAlert electronic chime meets UL 464, "Standard for Safety for Audible Signal Appliances."

Flexibility. SpectrAlert products offer the flexibility to meet a broad range of requirements. The SpectrAlert electronic chime/sounder features sixteen field-selectable electronic tones, with three different volume levels for each. The device may be installed in 12- or 24-volt DC or FWR systems.

Installation. The SpectrAlert chime/sounder offers features such as DIP switch tone selections to simplify installation. In addition, each SpectrAlert chime/sounder includes a universal mounting plate for 4" square and single gang back box mounting. Accessory mounting plates are also available for small footprint or surface-mount applications.

Aesthetics. The SpectrAlert chime/sounder incorporates the stylish, low profile design consistent with all SpectrAlert wall-mount products, and is available in red and white to meet specific installation requirements.



Product Specifications

General

Electronic Chime/Sounder shall be a System Sensor SpectrAlert Model _____ listed to UL 464 for fire protective signaling systems and shall perform in accordance with private mode emergency and general utility signaling. The chime/sounder shall have sixteen field-selectable tone options, each with three volume settings. These options are activated through appropriate settings on DIP switch located on the rear of the unit. SpectrAlert chime/sounder shall be capable of mounting to a standard 4" x 4" or 1½" back box or a single gang 2" x 4" 1½" back box using the universal mounting plate included. SpectrAlert chime/sounder shall be powered from a non-coded power supply and shall operate on 12 or 24 volts. When powered at 12 volts, the devices shall have an operating voltage range of 8–33 volts. When powered at 24 volts, the devices shall have an operating voltage range of 20–30 volts. SpectrAlert chime/sounder shall have an operating temperature range of 32°F to 120°F and operate from a regulated DC or full wave rectified, unfiltered power supply.

Standard Application Specifications

Input Terminals

12 to 18 AWG

Dimensions

Chime/Sounder with universal mounting plate:
5" x 5½" x 2⅝"

Chime/Sounder without mounting plate:
2⅝" x 5⅝" x 1⅝"

Weight

7.2 oz.

Mounting

4" x 4" x 1½" or 2" x 4" 1⅝"

Operating Temperature

32°F to 120°F

Voltages

12 or 24 VDC and FWR unfiltered

Operating Voltage Range*

8–33V

Standard Application Specifications

Average Current Draw*

12 VDC: 18–31 mA

24 VDC: 31–61 mA

Sound Output (UL Reverberant)*

12 VDC: 53.8 dB

24 VDC: 60.5 dB

*Factory default settings (1.0K repeating 1 second chime @ high volume) shown. Refer to installation manual for current draw and sound output measurements for each tone setting.

Ordering Information

Electronic Chimes Model Numbers	Red	White	Voltage
CH12/24	CH12/24	CH12/24W	12/24
Canada	CH12/24A	CH12/24WA	12/24
Small Footprint Mounting Plate	S-MP	S-MPW	N/A
Surface Mount Back Box Skirt	BBS	BBSW	N/A
Universal Mounting Plate (Replacement)	D-MP	D-MPW	N/A

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