



by Honeywell

Velociti® Series B200SR-LF

Description

The Gamewell-FCI, B200SR-LF sounder base sets a new standard for performance, installation and aesthetics. The B200SR-LF low frequency sounder base is designed to comply with the NFPA 72 sleeping space requirement to produce a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent. Studies show that a lower frequency, centered around 520 Hz, is the ideal frequency to awaken sleeping occupants, even those occupants with mild to severe hearing loss. In addition, it offers maximum flexibility in installation, configuration and operation to comply or exceed the UL Standards 268 and 464 requirements.

The B200SR sounder base is compatible with the B501BH Series sounder base installations. By removing the jumper, the device enables users to select one of two B501-supported tones (ANSI Temporal 3 or Continuous).

Installation

The sounder base offers the following installation features:

- Pre-wired mounting plate that fits various junction box sizes.
- The housing locks to a mounting plate with two retaining screws to prevent tamper resistance.

Specifications

Physical Specifications:

Base Diameter: 6.875" (17.46 cm)
Base Height: 2.0" (5.08 cm) less sensor
Shipping Weight: 0.60 lb. (272 gm)
Operating Temperature Range: For applicable sensor Operating Temperature Range, refer to the Base/Sensor Cross Reference Chart at the link: www.systemsensor.com
Operating Humidity Range: 10% to 93% relative humidity (non-condensing)

Electrical Specifications:

External Supply Voltage: 16 to 33 VDC (VFWR)
External Supply Standby Current: 1 mA maximum
Alarm Current: 65 mA max. @ 33.0 VDC
 90 mA max. @ 24.0 VDC
 125 mA max. @ 16.0 VDC
SLC Operating Voltage: 15 to 32 VDC
SLC Standby Current: Refer to applicable sensor specification

Sound Output:

High Volume: Greater than 85 dBA minimum measured in a UL reverberant room at 10 ft. 24 Volts (in continuous tone)

Low Frequency Intelligent Sounder Base



B200SR-LF

Features

- Complies with UL® Standard 464 for 520 Hz. low frequency.
- Complies with UL Standard 268.
- Supports 520 Hz +/- 10% square wave tone.
- Includes a tone selection via an onboard jumper.
- Compatible with the B501BH-Series sounder base installations.
- Includes a pre-wire mounting plate that fits various junction box sizes.
- Offers a mechanical locking feature that prevents the removal of an attached sensor head.

Ordering Information

Part Number	Description
B200SR-LF	Low Frequency Intelligent Addressable Sensor Sounder Base

Note: The B200SR-LF sounder base is compatible with the E3 Series® and S3 Series™ fire alarm control panels.

E3 Series® is a registered trademark and the S3 Series™ is a trademark of Honeywell International Inc.
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