



by Honeywell

B200SR

Description

The B200SR Series sounder base sets a new standard for performance, installation, and aesthetics. It is a non-addressable base that is available in both Velociti® and Clip™ protocols. The B200SR is designed for new and existing dwelling unit applications. It offers maximum flexibility in installation, configuration, and operation to comply or exceed the UL® Standard 268 and UL® Standard 464 requirements.

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

With its attractive aesthetics, the B200SR is ideal for use with applications where appearance is critical. For example, the sounder base employs a separate mounting plate that installs on various junction box sizes to eliminate unsightly surface-mount boxes (refer to Table 1). In addition, the mounting plate enables pre-wiring of all connections to simplify the installation. To install the housing, use the mounting plate, and secure two retaining screws to lock-it in position. The retaining screws are covered by the installed sensor head for added tamper resistance.

Specifications

Physical Specifications

Base Diameter: 6.875" (17.5 cm)
Base Height: 2.0" (5.08 cm) less sensor
Shipping Weight: 0.50 lb. (227 gm)
Operating Temperature Range: 32° to 120° F (0° to 49° C)
Operating Humidity Range: 10% to 93% relative humidity (non-condensing)

Electrical Specifications

External Supply Voltage: 16 to 33 VDC (VFWR)
Standby Current: 500 µA maximum
Alarm Current: 35 mA maximum
SLC Operating Voltage: 15 to 32 VDC
SLC Standby Current: 300 µA maximum
Sound Output: Greater than 85 dBA minimum – measured in a UL reverberant room at 10 ft. 24 Volts (in continuous tone).

Table 1: B200SR Junction Box Selection Guide

Single Gauge	3.5" Octagonal	4.0" Octagonal	4.0" Square	4.0" Square w/ 3.0" mud ring
Yes	Yes	Yes	Yes	Yes
50 mm	60 mm	70 mm	75 mm	
No	No	Yes	No	

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Sensor Sounder Base



B200SR

Features

- Complies with UL® Standard 268 and UL® Standard 464.
- Provides a tone selection via an onboard jumper.
- Offers a pre-wire mounting plate that fits various junction box sizes.
- Includes a mechanical locking feature that prevents the removal of the attached sensor head.
- Fully compatible with the existing B501BH-Series sounder base installations.

Ordering Information

Part Number	Description
B200SR	Sensor Sounder Base

Note: Use the B200SR with the 7100 Series, 602 Series or Gamewell and FCI (Legacy) panels.



GAMEWELL-FCI

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