

# Intelligent Sounder Bases

## B200SR/B200SR-LF

The B200SR sounder base series is designed for new and existing dwelling unit applications. It offers maximum flexibility in installation, configuration, and operation to meet or exceed UL 268 and UL 464 requirements.

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

With its attractive aesthetics, the B200SR series is ideal for 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 surfacemount boxes. In addition, the mounting plate enables pre-wiring of all connections to speed and simplify installation. The housing then mates with the mounting plate and is locked in position with two retaining screws, which are covered by the installed sensor head for added tamper resistance.

The B200SR-LF low frequency sounder base is designed to meet 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 most ideal to awaken sleeping occupants, even those with mild to severe hearing loss. Installation



**B200SR**



**B200SR-LF**

### Compatibility

The B200SR is compatible with the following IDP series detectors:

- IDP-series detectors:
- IDP-Photo Photoelectric Smoke Detector
- IDP-Photo-T Photoelectric Smoke Detector with Thermal
- IDP-Acclimate Multicriteria Photoelectric Smoke Detector
- IDP-Heat Fixed Temperature Thermal Detector
- IDP-Heat-ROR Rate-of-Rise Detector with Thermal
- IDP-Heat-HT Fixed High Temperature Thermal Detector

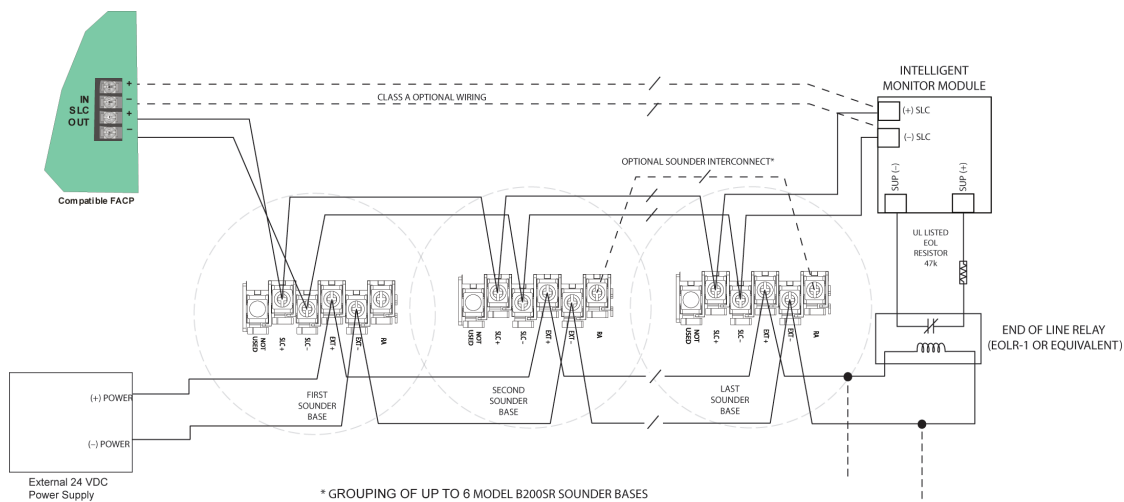
The B200SR and B200SR-LF are compatible with the following Farenhyt Series FACPs:

- IFP-2100 / IFP-2100ECS / RFP-2100
- IFP-2000 / IFP-2000ECS / RPS-2000
- IFP-1000 / IFP-1000ECS
- IFP-300 / IFP-300ECS
- IFP-100 / IFP-100ECS
- IFP-75
- IFP-50

## FEATURES & BENEFITS

- Single contact monitor
- Small and lightweight size allows for flexible mounting options
- Support for Class B wiring
- Fully supervised
- Rotary address switches for fast installation
- Analog communications
- UL Approved
- CSFM Listed
- MEA Listed 457-99-E Vol. V

# B200SR and B200SR-LF Technical Specifications



For a complete listing of all compliance approvals and certifications, please visit [www.farenhyt.com](http://www.farenhyt.com).

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

For Technical Support, Please call 800-446-6444.

## SPECIFICATIONS

### Physical

**Height:** 2.0" (5.08 cm) less sensor

**Width:** 6.875" (17.46 cm)

**Shipping Weight:** B200SR 0.50 lb. (227 gm);

B200SR-LF: 0.60 lb. (272 gm)

### ENVIRONMENTAL

**Operating Temperature:** Refer to applicable sensor Operating Temperature Range using the Base/Sensor Cross Reference Chart at [systemsensor.com](http://systemsensor.com)

**Humidity:** 10 to 93% non-condensing)

### ELECTRICAL RATINGS

**External Supply Voltage:** 16 to 33VDC (VFWR)

**Alarm Current (B200SR):** 35mA maximum

**Alarm Current (B200SR-LF):** 125mA maximum

**SLC Operating Voltage:** 15 to 32VDC

**SLC Standby & Alarm Current:** 300 µA maximum

## ORDERING INFORMATION

**B200SR:** Sounder Base

**B200SR-LF:** Low Frequency Sounder Base

## For more information

Learn more about Honeywell's Farenhyt Series and other products available by visiting [www.farenhyt.com](http://www.farenhyt.com)

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