



B200SR Intelligent Sounder Base

System Sensor B200SR series sounder bases set a new standard for performance, installation ease, and aesthetics.



B200SR Features

- Tone selection via an onboard jumper
- UL 268 and UL 464 compliant
- Pre-wire mounting plate fits various junction box sizes
- Fully compatible with existing B501BH-Series sounder base installations
- Mechanical locking feature prevents removal of attached sensor head

The B200SR sounder base 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 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 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 surface-mount 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.

Agency Listings



Physical Specifications

Base Diameter	6.875" (17.46 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)
External Supply Standby Current	500 μ A maximum
Alarm Current	35 mA maximum
SLC Operating Voltage	15 to 32 VDC
SLC Standby Current	300 μ A maximum
Sound Output	Greater than 85 dBA minimum – measured in a UL reverberant room at 10 ft. 24 Volts (in continuous tone)



3825 Ohio Avenue • St. Charles, IL 60174
Phone: 800-SENSOR2 • Fax: 630-377-6495

©2009 System Sensor.
Product specifications subject to change without notice. Visit systemsensor.com for
current product information, including the latest version of this data sheet.
A05-0458-000 • 4/09 • #2143