



**SILENT
KNIGHT**

by Honeywell

B200S

**Sounder Base
with CO Support**

The B200S sounder base sets a new standard for performance, installation ease, and aesthetics. It offers maximum flexibility in installation, configuration, and operation to meet or exceed UL 268 and UL 464 requirements.

For more information about the IntelliKnight system, or to locate your nearest source, please call 1-800-328-0103.

B200S

The B200S sounder base series is designed for new and existing commercial dwelling unit applications. It offers maximum flexibility in installation, configuration, and operation to meet or exceed UL 268 and UL 464 requirements.

The sounder base “listens in” to the communication between the attached sensor head and the fire alarm control panel (FACP) to adopt the same address as the detector, but as a unique device type on the loop. The FACP can then use that address to command an individual sounder — or a group of sounders — to activate.

When programmed for multi-station with a monitored conventional CO detector, the B200S can generate either a Temporal 3 pattern for fire or a Temporal 4 pattern for CO alarm indication.

With its attractive aesthetics, the B200S is ideal to use for applications where the appearance is critical. For example, to eliminate unsightly surface-mount boxes, the sounder base employs a separate mounting plate that can be installed on various junction box sizes. In addition, the mounting plate enables pre-wiring of all connections to simplify the installation. The housing is installed with the mounting plate and is locked in position with two retaining screws. The retaining screws are covered by the installed sensor head for added tamper resistance.

Features

- Addressability for maximum configuration flexibility
- Complies with UL[®] Standard 268 and UL[®] Standard 464
- Offers a programming option to control and activate the sounder base independently
- Supports Continuous, ANSI Temporal 3, ANSI Temporal 4, and March Time tones
- Employs multiple event-driven tone outputs
- Uses a mechanical locking feature that prevents the removal of the attached sensor head
- Capable of synchronizing with all notification appliance circuits on the same control panel on a general fire alarm condition



B200S Sounder Base

Compatibility

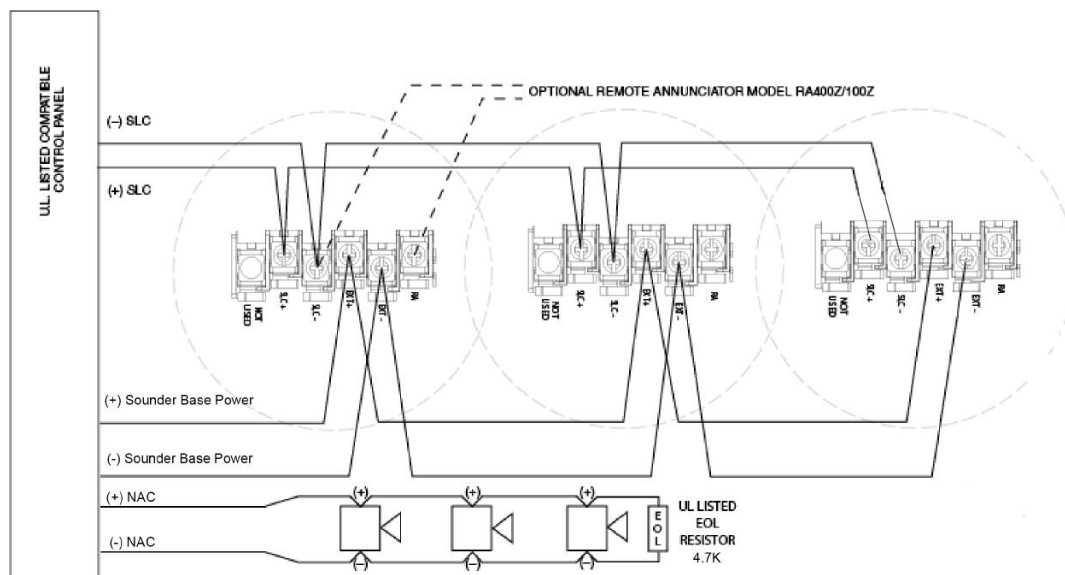
The B200S is compatible with the following SK-series detectors:

- SK-Fire-CO Addressable Combination Fire and CO Detector
- SK-Photo Photoelectric Smoke Detector and SK-Photo-T Photoelectric Smoke Detector with Thermal
- SK-Acclimate Multicriteria Photoelectric Smoke Detector
- SK-Ion Ionization Smoke Detector
- SK-Heat Fixed Temperature Thermal Detector, SK -Heat-ROR Rate-of-Rise Detector with Thermal, and SK-Heat-HT Fixed High Temperature Thermal Detector

The B200S is compatible with the following IntelliKnight FACP's programmed for System Sensor protocol: (Firmware version of 13.0 or higher)

5700
5808
5820XL
5820XL-EVS

Model B200S Sounder Base



Wiring B200S

Installation

The B200S can be mounted directly to 4" (10.16 cm) square, 4" (10.16 cm) octagon, 3 1/2" (8.9 cm) octagon, single-gang or double-gang junction boxes.

Specifications

Physical

Height: 2.0" (5.08 cm) less sensor
 Width: 6.875" (17.46 cm)
 Shipping Weight: 0.50 lb. (227 gm)

Electrical

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

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)
 Humidity: 10% – 93% non-condensing

Sound Output

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

Ordering Information

B200S Intelligent Sensor Sounder Base
 M02-04-01 Detector Test Magnet
 M02-09-01 Telescoping Test Magnet



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 more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please call 800-446-6444. www.silentknight.com

Assembled In America

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