

# B915 Basic Keypad

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- ▶ 2-line LCD display
- ▶ Arm/ready to arm, all/part, trouble and power status indicators
- ▶ Separate mounting plate base and chassis design

The B915 Basic Keypad is a SDI2 bus compatible device. Each keypad has user adjustable options such as volume and brightness. The B915 shows two-line system messages for all areas.

## System overview

- For commercial use, install the keypad in building entrances and areas with unrestricted access. Mounting a keypad near exterior doors in hotel or business lobbies allows people to identify the type and location of the emergency.
- For residential use, install the keypad near the front and rear entrances to the home. Install additional keypads in a kitchen or in a bedroom.
- Use multiple keypads in a large building with many separate areas of security. Program multiple keypads to control multiple areas.
- Audible tones from the keypad sounder alert personnel to fire events and assist fire fighters in locating the keypad.

## Functions

### LCD display

The keypad uses words, numbers, and symbols to show the status of the security system. When several events occur, the keypad shows each event in order of priority.

### Keys

Each keypad has 10 number keys. When pressed, keys turn on keypad backlighting and emit the keypress tone (short beep).

### Audible tones

The keypad has a built-in sounder that produces several distinct warning tones. The tones are differentiated so that the user can recognize an event simply by hearing its associated tone. The keypad backlight illuminates when the keypad emits an audible tone. Users can use a passcode to silence the tone.

### Status indicators

The Status indicators on keypads provide a quick visual reference for you to see how your system is operating.



Part On status.

- Green. Ready to turn Part On.
- Red. Part On (part armed).



Power. The blue power plug indicates whether the control panel has AC power.

- On Steady. The AC (mains) power to the control panel is present.
- Flashing. AC (mains) power to the control panel is not present and the control panel is operating from the battery.
- Off. There is no power to the control panel.



Trouble. The yellow caution lights when a trouble condition exists.

- On Steady. There is a system, device, or point trouble.
- Off. There are no system, device, or point troubles.



All On status.

- Green. Ready to turn All On.
- Red. All On (all armed).

## Certifications and approvals

| Region |  |
|--------|--|
| US     | UL 365 - Police Station Connected Burglar Alarm Units and Systems      |
|        | UL 609 - Local Burglar Alarm Units and Systems                         |
|        | UL 636 - Holdup Alarm Units and Systems                                |
|        | UL 985 - Household Fire Warning System Units                           |
|        | UL 1023 - Household Burglar Alarm System Units                         |
|        | UL 1076 - Proprietary Burglar Alarm Units and Systems                  |
|        | UL 1610 - Central Station Burglar Alarm Units                          |
|        | CSFM - California Office of The State Fire Marshal                     |
| Canada | FCC Part 15 Class B  |
|        | CAN/ULC S303 - Local Burglar Alarm Units and Systems                   |
|        | CAN/ULC S304 - Signal Receiving Centre and Premise Alarm Control Units |
|        | ULC-ORD C1023 - Household Burglar Alarm System Units                   |
|        | ULC-ORD C1076 - Proprietary Burglar Alarm Units and Systems            |
|        | ICES-003 - Digital Apparatus   |
|        | ULC S545 - Residential Fire Warning System Control Units               |

## Installation/configuration notes

### Compatible control panels

B5512/B5512E firmware v2.03 and higher  
 B4512/B4512E firmware v2.03 and higher  
 B3512/B3512E firmware v2.03 and higher  
 GV4 Series firmware v2.03 and higher

### Mounting considerations

Mount in indoor dry locations.

### Power supply

A compatible control panel supplies the power and data requirements to the keypad through a four-wire connection.

### Enclosure and wiring

Includes a slim mounting plate for recessed wiring.

## Parts included

| Quant. | Component                    |
|--------|------------------------------|
| 1      | Keypad                       |
| 1      | Hardware pack                |
| 1      | Installation Guide           |
| 1      | User's Quick Reference Guide |

## Technical specifications

### Wiring

|                |  |
|----------------|--|
| Terminal wires | 18 AWG to 22 AWG (1.02 mm to 0.65 mm) wire |
|----------------|--|

### Environmental considerations

|                         |   |
|-------------------------|---|
| Relative humidity       | 5% to 93% at +32°C (+90°F) non-condensing |
| Temperature (operating) | 0°C to +50°C (+32°F to +122°F)            |

### Keypad

|                |   |
|----------------|---|
| Dimensions     | 5.5 in x 4.7 in x 1 in (139 mm x 118 mm x 23 mm)                          |
| Weight         | 11.2 oz (0.30 kg)   |
| Material       | Acrylonitrile butadiene styrene (ABS)<br>Poly(methyl methacrylate) (PMMA) |
| Display window | 2 line display<br>18 characters per line                                  |
| Indicators     | Illuminated keys<br>Status indicators<br>Warning and indicating tones     |

### Power requirements

|                 |  |
|-----------------|--|
| Current         | 35 mA in standby mode<br>70 mA in alarm mode |
| Voltage (input) | 12 VDC nominal                               |

## Ordering information

### B915 Basic Keypad

Two-line alphanumeric keypad.

Order number **B915**

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