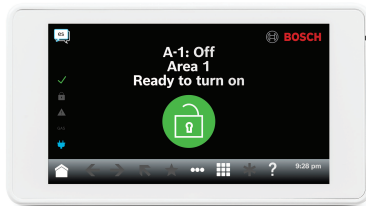


## B940W Slim Touch Keypad



- ▶ Color graphic touch screen display
- ▶ Slim, modern design blends with any decor
- ▶ Combination of simple icons and text for easy display

The keypad is an SDI2 bus compatible device. The keypad features an illuminated touch screen and graphical interface. With an elegant design and low profile, the keypad fits with any modern decor. Each keypad has user adjustable options such as volume and brightness. The keypad shows 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.

### Notice

Audible fire-generated keypad sounder alerts occur when fire detection devices are installed on the same system.

### Functions

#### Display

The touch screen display uses icons, words, numbers, and symbols to show the status of the security system and for interacting with the security system. When several events occur, the keypad scrolls through each event in order of priority.

#### User icons and keys

The keypad's home screen shows the system status at a glance using a large icon. The user can change the system status by touching this icon. The touch screen display also offers icons on the ribbon bar. These visually pleasing graphical icons are easy to use for accessing menus and other options. The keypad screen has numeric keys and one function [CMD] key. When pressed, keys emit a beep. Use the keyboard for entering passcodes, activating commands, and entering alphanumeric characters.





#### Audible tones

The keypad has a built-in speaker that produces several distinct warning tones. The tones are unique to each different type of event, thereby enabling the user to recognize a given event by hearing its associated tone. The keypad backlight illuminates when it emits an audible tone. Users can use a passcode to silence the tone.

#### Status indicators

The status indicators on the keypad provide a quick visual reference for system status.

- ✓ The indicator lights when the system is ready to turn on (arm).

	The indicator lights when the system is on (armed).
	The indicator lights when there is a trouble condition.
	The indicator lights when dangerous gases are present including carbon monoxide (NFPA 720).
	The indicator lights when the system has power.

### Notice

The Gas indicator feature is operational when a separate CO or gas detector is installed and resides on the same system.

## Installation/configuration notes

### Power supply

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

### Mounting and wiring

Mount in dry indoor locations.

Includes a slim mounting plate for recessed wiring, and a surface mounting plate for surface mounting and wiring.

### Molex connection

The Molex connection wires provide power and communication to the control panel through the control panel's SDI2 4-wire bus connection. The Molex connection for this device is specifically made for the keypad, and not supported on any other device.

### Compatible control panels

B9512G  
B8512G  
B6612  
B6512  
B5612  
B4612  
B5512 firmware v2.03 and higher  
B4512 firmware v2.03 and higher  
B3512 firmware v2.03 and higher  
D9412GV4/D7412GV4 v2.03 and higher

## Parts included

Quantity	Component
1	Keypad
2	Mounting plates (slim and surface)
1	Hardware pack
1	Quick installation guide

## Technical specifications

### Properties

Dimensions	76 mm x 140 mm x 10 mm (3.0 in x 5.5 in x 0.40 in)
Weight	0.11 kg (3.88 oz)
Material	Hard plastic
Display window	Touch screen Multi-line messages
Indicators	Status indicators Main icon Warning and indicating tones

### 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)

### Power requirements

Voltage (input)	12 VDC nominal
Standby	250 mA
Alarm	365 mA

### Wiring

Terminal wire size	18 AWG to 22 AWG (1.02 mm to 0.65 mm)
SDI2 wiring length	Maximum distance - wire size (unshielded wire only): 46 m (150 ft) - 0.65 mm (22 AWG) 119 m (390 ft) - 1.02 mm (18 AWG)

## Ordering information

### B940W Slim Touch Keypad

SDI2 compatible touch screen keypad with function keys.

Available languages: English, Chinese, Dutch, French, German, Greek, Italian, Hungarian, Polish, Portuguese, Spanish, Swedish.

Order number **B940W | F.01U.358.360**

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