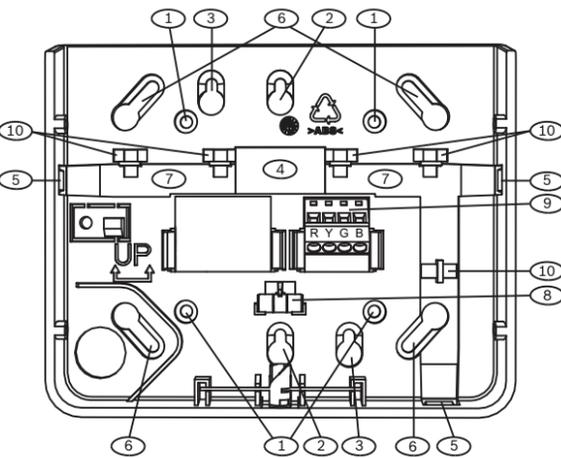## Safety

⚠️ **Caution!**
Remove all power (AC and battery) before making any connections. Failure to do so might result in personal injury and/or equipment damage.

Short information

This keypad is SDI2 compatible.

You can surface install the keypad, or install it to standard electrical boxes, including single gang boxes.

Overview

1	Wall mount holes
2	Single gang box holes
3	Double gang box holes
4	Wire opening
5	Surface mount wire openings
6	Gang box holes 7.62 cm - 10.16 cm (3-4 in)
7	Surface mount wire channel
8	Bubble level
9	SDI2 wiring terminal block
10	Wire tie posts

Installation

Remove the mounting plate

1. Use a slotted screwdriver. Turn the lock counter-clockwise.
2. Push down on the keypad to remove it from the base.
3. Find the switches on the back of the keypad.
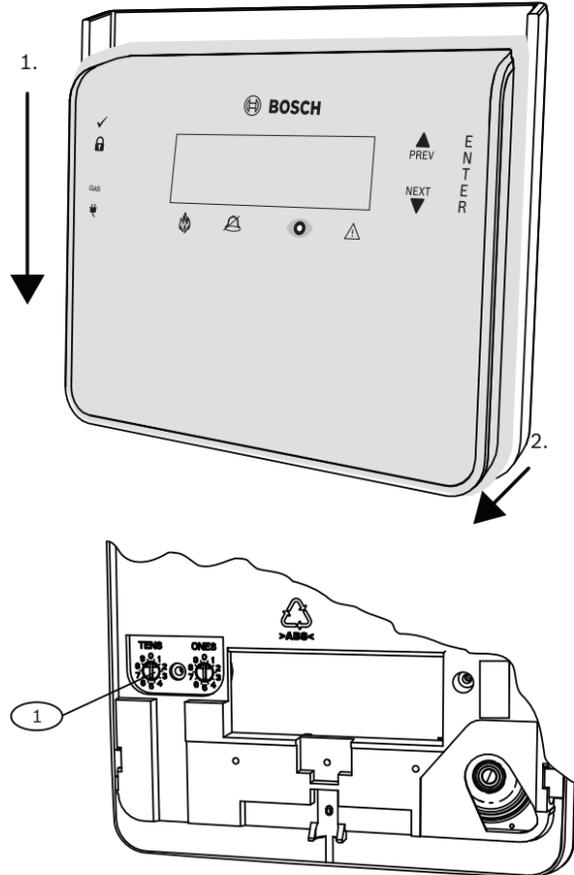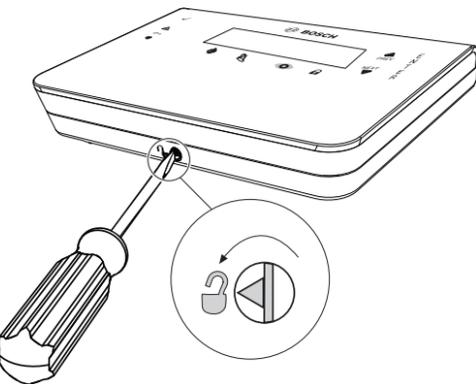
1	Address switches

Install the keypad

1. Use the mounting plate to identify screw locations and wire opening.
2. Pull the wiring through the wire opening.
3. Use the mounting hardware to attach to the wall.

Connection

Wire to the keypad

1. Connect the wiring to the keypad terminals labeled R, Y, G, B.
2. Make sure the wires are secure in the terminals.

Wire to the control panel

1. Put the wires into the control panel terminals labeled R, Y, G, B (PWR, A, B, COM).
2. Connect them to the keypad terminals labeled R, Y, G, B. You can connect keypads to the SDI2 data bus by parallel wire run from the control panel to each keypad, wire from keypad to keypad, or a combination of the two techniques.
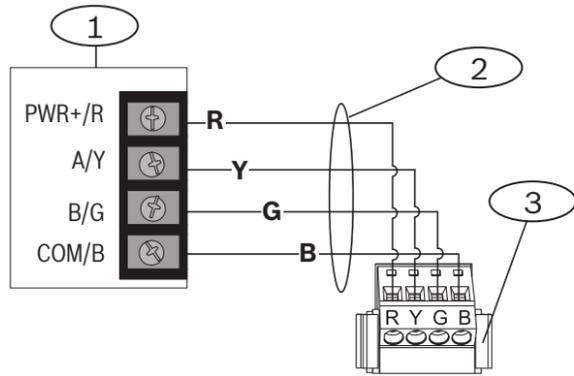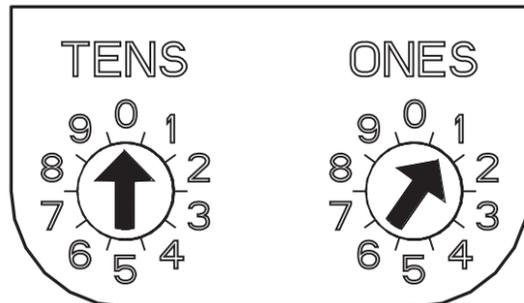

1	Control panel

2	Terminal wiring
3	Keypad's wiring terminal block
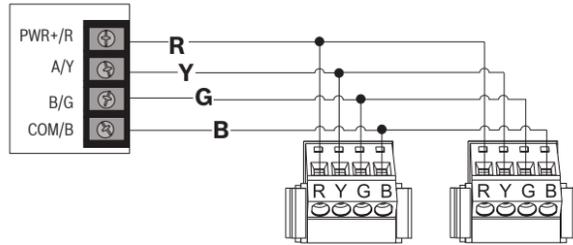
Configuration

Address switches set the address for the device. The control panel uses the address for communication.

Set the address

Each SDI2 keypad must have a unique address. For single-digit addresses 1 through 9 set the tens switch to 0.

Connect the keypad

1. Align the mounting hook openings over the hooks.
2. Push the keypad down.
3. Send power to the system.
4. Test for proper operation.

Operation

Display

Adjust the brightness:

1. Press [**MENU**] or press [**CMD**][8] to open the Main menu.
2. Use [**NEXT**] to go to the Press 5 for Settings Menu option, or press [5].
3. Use [**NEXT**] to go to the Press 4 for Keypad Config option, or press [4].
4. Press [1] to adjust brightness.
5. Use [**PREV**] or [**NEXT**] to adjust the brightness level. The changes apply immediately.
6. Press [**ESC**] to exit.

Adjust nightlight (for control panels with version 2.01 or higher):

1. Press [**MENU**] or press [**CMD**][8] to open the Main menu.
2. Use [**NEXT**] to go to the Press 5 for Settings Menu option, or press [5].
3. Use [**NEXT**] to go to the Press 4 for Keypad Config option, or press [4].
4. Use [**NEXT**] to go to the Press 4 for Nightlight option, or press [4].
5. Use [**PREV**] or [**NEXT**] to toggle between the Yes and No options.
6. Press [**ENTER**] while viewing the option to save the programming.
7. Press [**ESC**] to exit.

Status indicators

Status indicators

Status indicator	Function
✓ 🔒	Ready to turn on (arm) Not available on B926M
🔒	Turned on (armed) Not available on B926M
GAS	Gas alarm
🔌	AC power present

Fire keypad indicator	Function
🔥	Fire alarm
🔕	Silenced
👁	Supervisory condition
⚠️	System trouble

MNS indicator	Function
● MNS ALARM	Mass Notification System Alarm (B926M only)
● MNS TROUBLE	Mass Notification System Trouble (B926M only)

Audible tones

Tone	Description
Fire alarm	Emits a pulsed, high-pitched bell tone.
Gas alarm	Emits a unique high-pitched tone
User alarm	The tone sounds for the programmed amount of time.
Burglary alarm	Emits a steady, high-pitched bell tone.
Entry delay	Emits an intermittent beep tone during entry delay periods.
Exit delay	Emits an intermittent beep tone during exit delay.
Invalid button buzz	Emits a flat buzz tone.
Keypress	Emits a muted beep tone.
Trouble	Emits a two-tone warble until you enter a programmed passcode.
Watch point fault	Emits a single clean tweedle tone.

Supervision

The control panel supervises all SDI2 devices. Any device that fails to respond will be declared missing.

Maintenance

Keypad cleaning

Use a soft cloth or a non-abrasive cleaning solution. Spray the cleaner onto the cloth, not the keypad.

Showing the firmware version

1. Remove the keypad from the base.
2. Return the keypad to the base. Doing this temporarily removes power, then returns power to the keypad.

The keypad shows the model number, keypad address, and firmware version for 10 seconds.

ⓘ **Notice!**
You can also view a keypad's firmware version in Remote Programming Software (RPS).

Technical data

Power requirements

Current	Standby: 35 mA Alarm: 70 mA
Voltage (input)	12 VDC nominal

Materials and hardware features

Dimensions	158 mm x 120 mm x 26 mm (6.2 in x 4.7 in x 1 in)
Weight	0.32 kg (11.3 oz)
Material	Acrylonitrile butadiene styrene (ABS) Poly(methyl methacrylate) (PMMA)
Display window	2 line display 18 characters per line
Indicators	Illuminated keys Status indicators Warning and indicating tones

Wiring

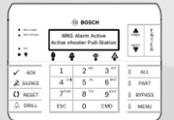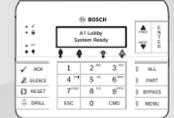| Terminal wire size	1.02 mm (18 AWG) to 0.65 mm (22 AWG)
SDI2 wiring	Maximum distance - wire size: 260 m (850 ft) - 0.65 mm (22 AWG) 305 m (1000 ft) - 1.02 mm (18 AWG)

Environmental considerations

Relative humidity	5% to 93% at +32°C (+90°F)

Temperature (operating)	0°C to +49°C (+32°F to +120°F)

Fire Keypad
B925F/B926F/B926M

en Quick installation guide