

Safety

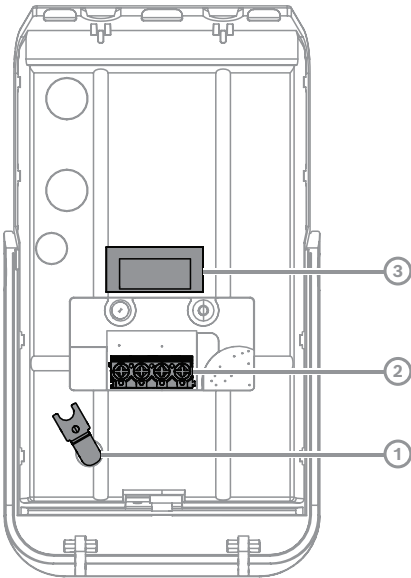


Caution!
Remove all power (AC and battery) before making any connections. Failure to do so might result in personal injury and/or equipment damage.

Short information

This keypad is SDI2 compatible.
It can be used to operate Solution 2000 / 3000 / 4000 control panels.

Overview

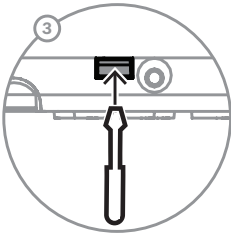
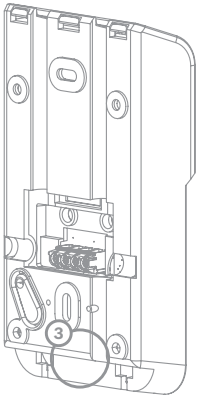
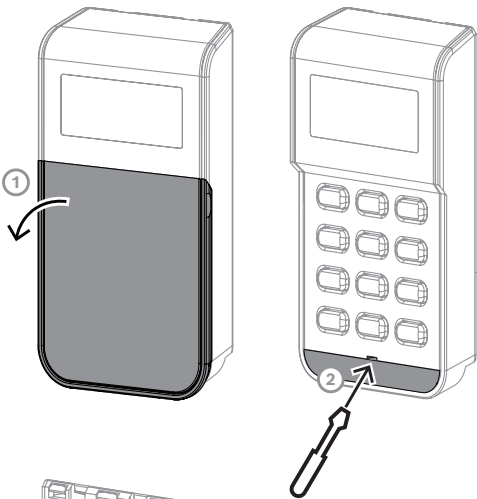


1	Tamper switch
2	SDI2 wiring terminal block
3	Address switches

Installation (optional)

Remove the mounting plate

- Open the keypad enclosure cover.
- Insert a slotted screwdriver under enclosure to take off the user access door. You can also take off the enclosure cover.
- Insert a slotted screwdriver under the base to remove the mounting plate. Do not pry upwards.

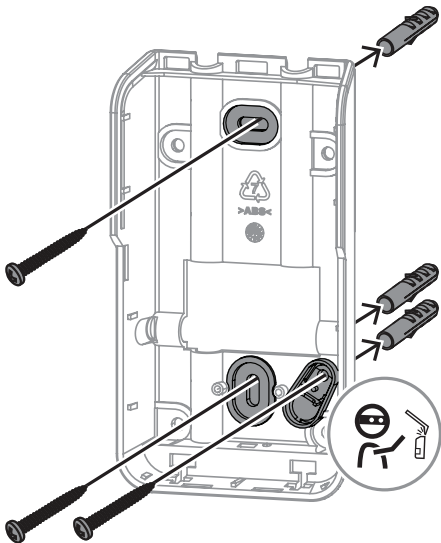


1	Keypad enclosure cover
2	Enclosure user access door
3	Retention clip and mounting plate

Installing the mounting plate

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

Optional - Insert a screw into the tamper location for tamper protection.



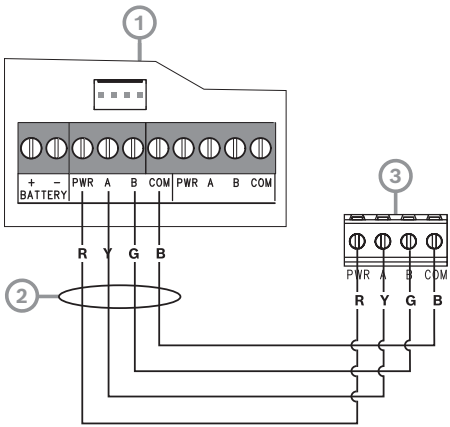
Connection

Wire the keypad

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

Wire to the control panel

- Put the wires into the control panel terminals labeled R, Y, G, B (PWR, A, B, COM).
- 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

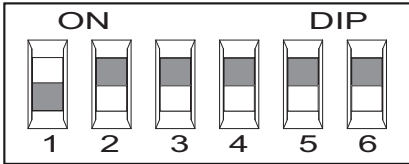
Address switches set the address for the device. The control panel uses the address for communication.

Set the address

- Use a ballpoint pen to set the address DIP switch. Each keypad must have a unique address.
- Do this step until all the addresses are set.

The following illustration shows:

- DIP switch 1 - ON
- DIP switches 2 ~ 6 - OFF



Refer to the table for keypad address 01 to 04 settings.

SDI2 Address	DIP switches ON					
01	x					x
02		x				x
03	x	x				x
04			x			x

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.

Status indicators

Status indicator	Function
1 2 3	On - Zone is unsealed. Off - Zone is sealed. Flashing fast - Zone is in alarm condition. Flashing slow - Zone is manually isolated or selected to be isolated.
 AWAY	On - System is armed in AWAY Mode. Off - System is not armed in AWAY Mode.
 STAY	On - System is armed in STAY Mode. Off - System is not armed in STAY Mode.
	On - System is disarmed.
 MAINS	On - AC MAINS power normal. Flashing - AC MAINS supply has failed.
 FAULTS	On - System fault needs to be rectified. Off - No faults. Flashing - System fault needs to be acknowledged.
 Programming Mode	Flashing - Installer's Programming Mode or use any Master Code function.

Status indicator	Function
 OFF	On - System is disarmed. Flashing - The zone becomes unsealed when disarmed. The indicator stops flashing when all zones are sealed.
 ON	On - System is armed. Flashing - An alarm occurs.

Audio tones

Tone	Description
1 short beep	The button is pressed.
2 short beeps	The code is accepted.
3 short beeps	The requested function is executed.
1 long beep	- The requested function is denied; - Last 10 seconds of exit indicating; - Panic / fire / medical alarm occurs.
1 beep every second	Walk test is active.
1 beep every 2 seconds	Exit warning.
1 beep every 4 seconds	Entrance warning for automatic arming.
1 short beep every minute	Trouble event occurs.

Supervision

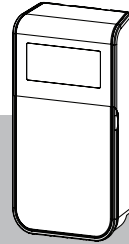
The control panel supervises all SDI2 devices. Any device that fails to respond will be declared missing.

Keypad cleaning

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

LCD icon keypad

IUI-SOL-ICON-2



en Installation manual

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