Solution Panel Faults

Modified on: Tue, 5 Jun, 2018 at 10:25 AM

Keypad Types

If your keypad looks similar to the below images continue reading.


BOSCH
1 2 3 4 5 6 7 8


BOSCH
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16


BOSCH
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Bosch Solution Alarm Keypad Keeps Beeping

If you encounter nuisance beeping coming from the keypad this means you will have a fault condition.

The beeps will be heard at one-minute intervals, and either a FAULT light or an exclamation mark trouble indicator ⚠icon will flash on the keypad.

To acknowledge the fault, press the [AWAY] or [#] button; the indicator will stop flashing and remain on in a solid state, and the beeping will stop; however, this may start again after an arm/disarm cycle.

To remove the fault altogether, you will need to diagnose and correct the issue causing it.

Fault Analysis

Solution Series alarm systems have a comprehensive index of possible faults to indicate just about any abnormal or undesirable condition.

To better understand what might be causing the trouble beeps, it is important to conduct a ***Fault Analysis*****:**

1. Hold down button **[5]** on the keypad for a few seconds.
2. Take note of the number(s) that display, indicating the general fault(s).
3. Press/hold the corresponding number button of a general fault to see its specific fault(s).
4. When finished, press the [AWAY] or [#] button.

For example, at Step 2, Fault Analysis may show the number 1, indicating a System Fault; pressing/holding the number [1] button as indicated by Step 3 may show the number 2, indicating Date & Time.

The most common Fault Analysis will show **1 –** System Fault ⇨ **1 –** Low Battery and/or **2 –** Date & Time.

If multiple numbers show at Step 2, you will need to run Fault Analysis multiple times to look into each one as per Step 3.

For a more accurate list of faults and their descriptions, please refer to the specific manual for your system, as Fault Analysis Mode will vary slightly, depending on the model of your alarm panel.

Solution 2000/3000 Faults

Fault Indicators

Zone Indicator	Fault Description	Press Button	Zone Indicator	Fault Condition
1	System Fault	1	1 2 3 4 5 7 8 9 to 16	Battery Fail Date and Time RF Receiver Fail Output 1 to 3 Fail Telephone Line Fail Power Supply Fail Onboard Tamper RF Repeaters 1 to 8 Fail (Solution 2000 N.A.)
2	RF Low Battery (Solution 2000 N.A.)	2	1 to 16	Zones 1 to 16 RF Low Battery
3	Zone Tamper Alarm	3	1 to 16	Zones 1 to 16 Tamper Alarm
4	Sensor Watch Fault	4	1 to 16	Zones 1 to 16 Sensor Watch Fail
5	RF Sensor Missing (Solution 2000 N.A.)	5	1 to 16	Zones 1 to 16 RF Sensor Watch Fail
6	Communication Fail	6	1 2 3 4 5 6	Receiver 1 Fail Receiver 2 Fail Receiver 3 Fail Receiver 4 Fail IP Module 1 Fail IP Module 2 Fail
7	Output and Codepad Fail	7	1 to 2 3 to 6	Output Expanders 1 to 2 Fail Codepads 1 to 4 Fail
8	Keyfob Low Battery	8	1 to 16	Keyfobs 1 to 16 Low Battery

Ultima 880, ICP-CC404, ICP-CC488

Table 7: Fault Analysis Conditions

Zone LED	Fault Condition	Description
1	System Fault	Press and hold button [1] to determine fault. 1 = Battery Fail 2 = Date/Time 3 = RF Rx Jamming RF Rx Tamper RF Rx Comm's Fail 4 = Horn Speaker Fail 5 = Telephone Line Fail 6 = EEPROM Fail 7 = AUX Power Supply Fail 8 = AC Fail
2	RF Low Battery	Press and hold button [2] to determine fault. Displays zones (1 to 8) that register RF Low Battery.
3	Zone Tamper	Press and hold button [3] to determine fault. Displays zones (1 to 8) that register Zone Tamper.
4	Sensor Watch	Press and hold button [4] to determine fault. Displays zones (1 to 8) that register Zone Sensor Watch
5	RF Sensor Watch	Press and hold button [5] to determine fault. Displays zones (1 to 8) that register Zone RF Sensor Watch
6	Communication Fail	Press and hold button [6] to determine fault. 1 = Receiver 1 Fail (Dialer) 2 = Receiver 2 Fail (Dialer)

Solution 16, 880

Table 6: Fault Analysis

Zone LED	FAULT Condition
1	Battery low
2	Date/time reset
3	Sensor watch fail
4	Horn speaker fail
5	Telephone line fail
6	EPROM fail
7	Fuse fail
8	Communication fail