


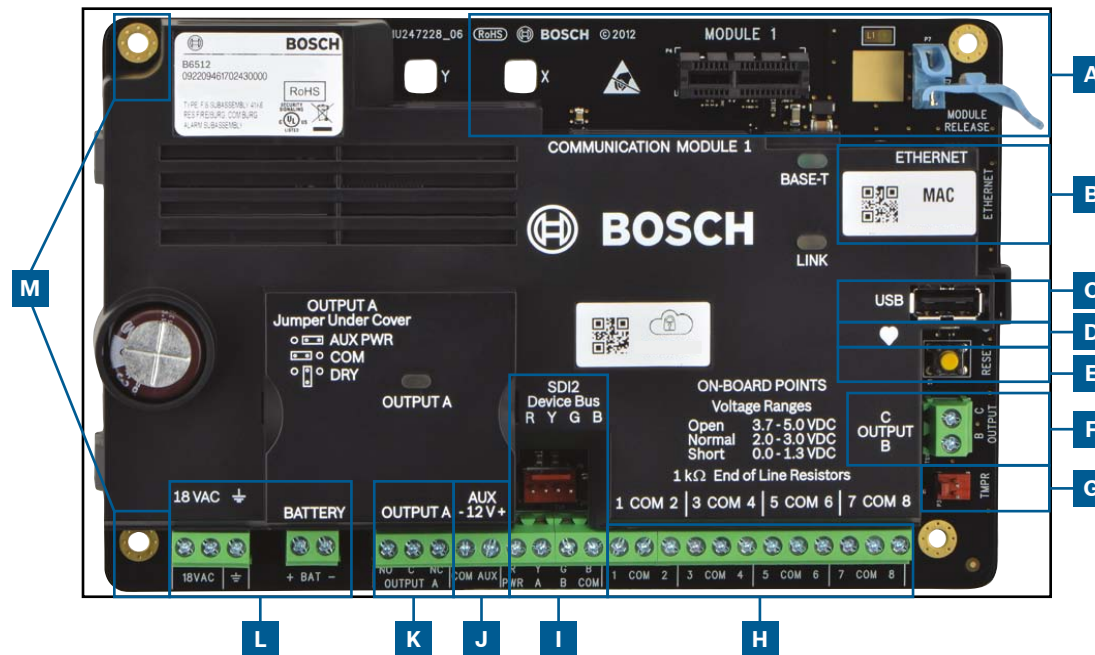
B Series Control Panel

Installer Quick Start Guide



Use this guide to quickly install a Bosch B6512/B5512/B4512/B3512 security system. Additional information is found in the Control Panels Installation Manual.

 When you see this icon, use your smart phone with a QR code reader app to view helpful videos.

Control panel component layout



Control panel connection location

Location	Item	Description	Specification
A	MODULE 1	Plug-in comm module	Communication module options
B	ETHERNET	Ethernet port	built-in on-board Ethernet connection (10Base-T/100Base-T)
C	USB	USB port	USB connector (for firmware updates and RPS connection)
D		Heartbeat LED	Slow=normal, rapid=service mode
E	Reset	Reset switch	Hold five seconds to enter or exit service mode
F	B C	Outputs B(2) C(3)	Open collector, 50mA, active low
G	TMPR	Tamper	Optional tamper switch connector (ICP-EZTS)
H	1 COM 2 to 7 COM 8	Alarm inputs	End Of Line (EOL) resistor supervised alarm inputs
I	R Y G B	SDI2 bus	SDI2 device bus
J	COM AUX	Aux power	12 VDC, 800mA
K	NO C NC	Output A(1)	Programmable relay output
L	+ BAT - 18 VAC, 	Battery, Earth ground, 18 VAC	Primary/Secondary power and Earth Ground connections
M	Mounting	Mounting holes	Mounting holes for control panel

For additional training:

Bosch YouTube channel:

1. Scan QR code.
2. Scroll down.
3. Locate and select your region for additional videos.

B Series Installer's Site:



Installation sequence:

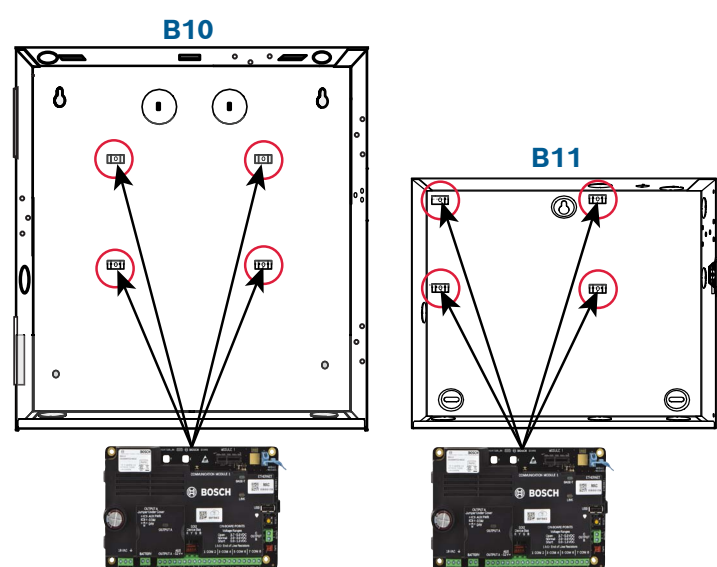
Scan and follow these videos in sequential order to the steps listed below.



Step 1 Mounting the control panel M

Bosch tips:

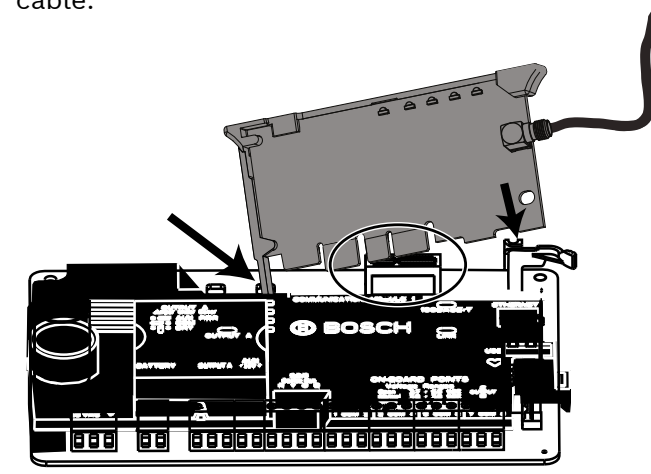
- ▶ Mount the enclosure prior to mounting the control panel.
- ▶ Mount control panel into enclosure with hardware provided.



Step 2 Installing a communication module A

Bosch tips:

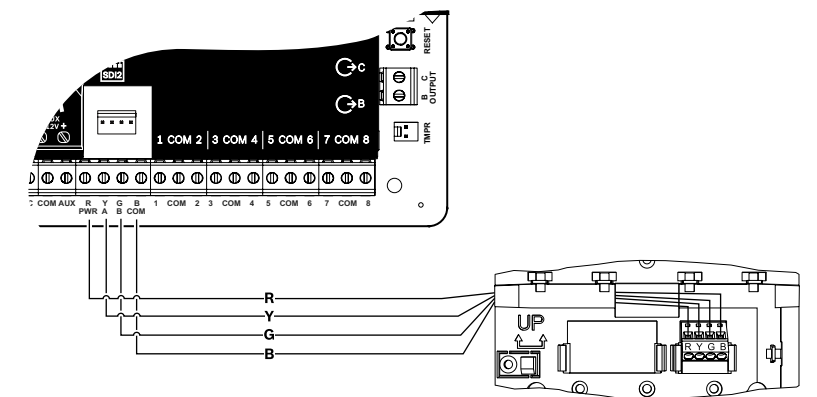
- ▶ Insert leg of module into slot marked "x."
- ▶ **Cellular:** Place antenna on top of enclosure and run cable inside, then connect to module.
- ▶ **PSTN:** Connect module to a D166 (RJ31x) jack using a D161/D162 cable.



Step 3 Installing a keypad I

Bosch tips:

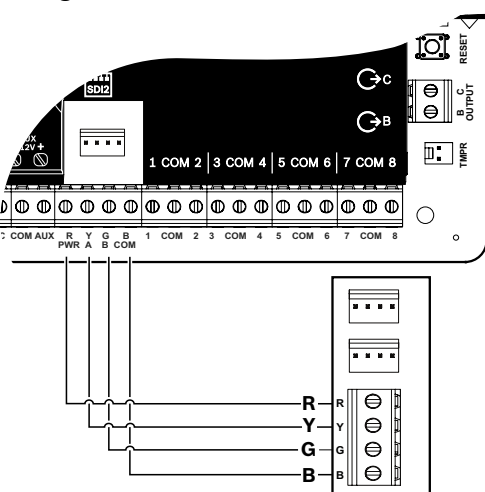
- ▶ When installing a compatible Bosch keypad, refer to keypad installation guide for specific wiring diagrams. Basic keypad wiring is shown below.
- ▶ When installing more than one keypad, refer to keypad installation guide for unique address settings.



Step 4 Installing expansion modules I

Bosch tips:

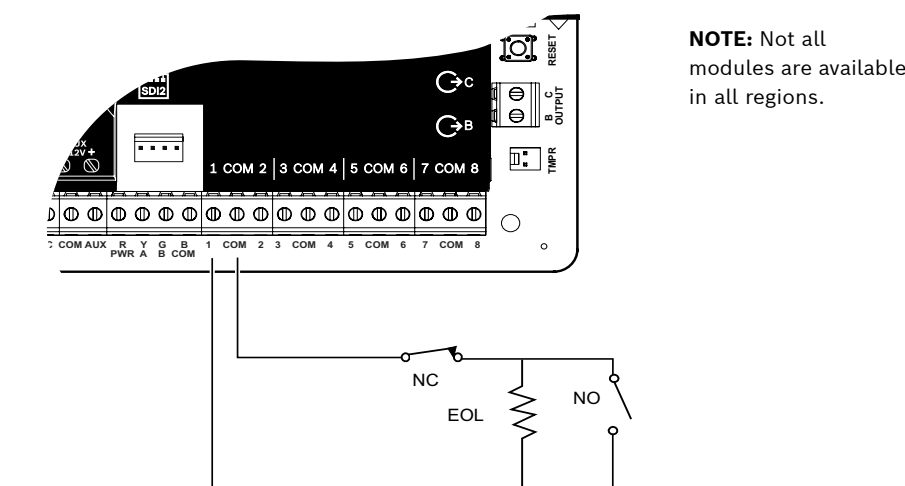
- ▶ If installing more than one device that is similar, refer to the module's installation guide for address settings (for example, two of the same device).
- ▶ If installing a RADION B810 wireless receiver, use address 1 only.



Step 5 Installing wired inputs H

Bosch tips:

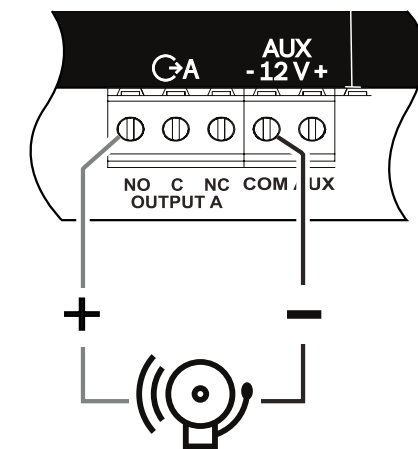
- ▶ If using a dual EOL, 2K EOL, or no EOL, refer to control panel installation guide for control panel settings.
- ▶ If using 2-wired powered devices, use a B201 or D125B.



Step 6 Installing a bell or siren J K

Bosch tips:

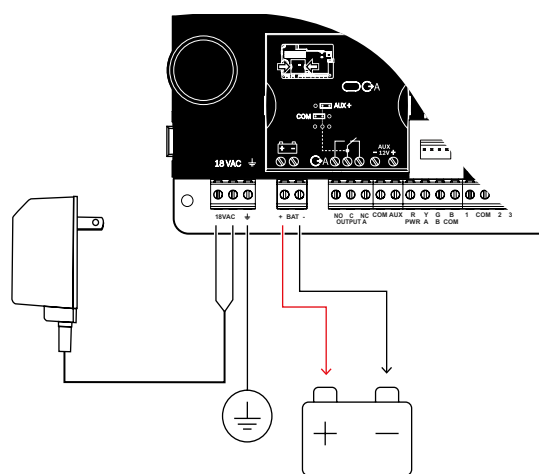
- ▶ Output A can supply up to 1 A at 12 VDC when sourced from a control panel (jumper in AUX PWR position).
- ▶ Output A can support up to 3 amps at 12 VDC when using a separate power supply (jumper in DRY position).
- ▶ Output B and C are open collectors and are limited to 50 mA at 12 VDC.



Step 7 Powering the control panel L

Bosch tips:

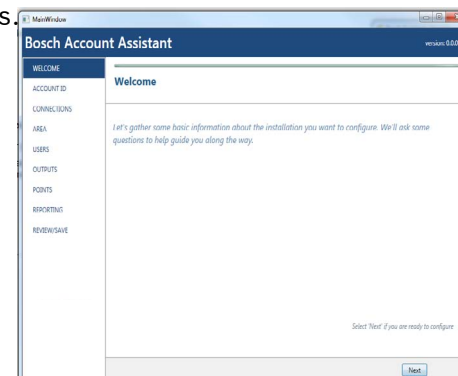
- ▶ Connect wires to control panel before applying battery or AC power.
- ▶ Connect earth ground to a cold water pipe (copper) or other solid connection to ground.



Step 8 Create panel accounts using RPS B C

Bosch tips:

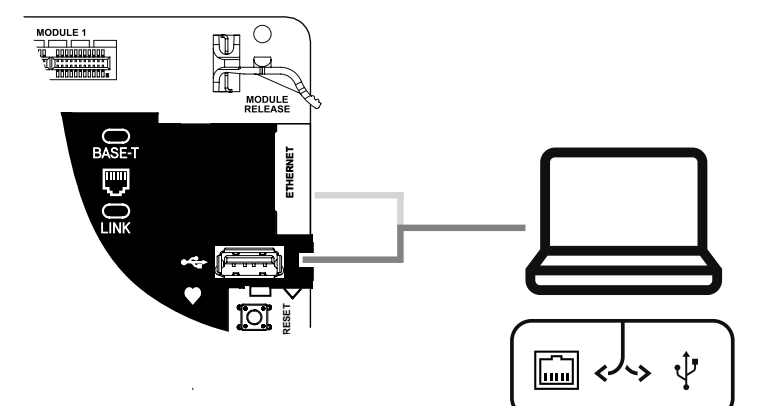
- ▶ If configuring using the Installer Services Portal, go to **Step 11**.
- ▶ Install Remote Programming Software (RPS) v6.06 or later. You can download RPS from the RPS product page.
- ▶ Follow the RPS Account Assistant instructions to create new control panel accounts. The Account Assistant helps you create a new panel account.
- ▶ If RPS is not available, keypad programming is an option. Refer to keypad installation instructions.



Step 9 Connecting the control panel using RPS B C

Bosch tips:

- ▶ Connect a computer with RPS installed. Direct RPS connections can be done through a USB connection or Ethernet connection.
- ▶ The Account Assistant automatically launches when you create a new account.
- ▶ For USB direct connection, use a B99 USB cable.



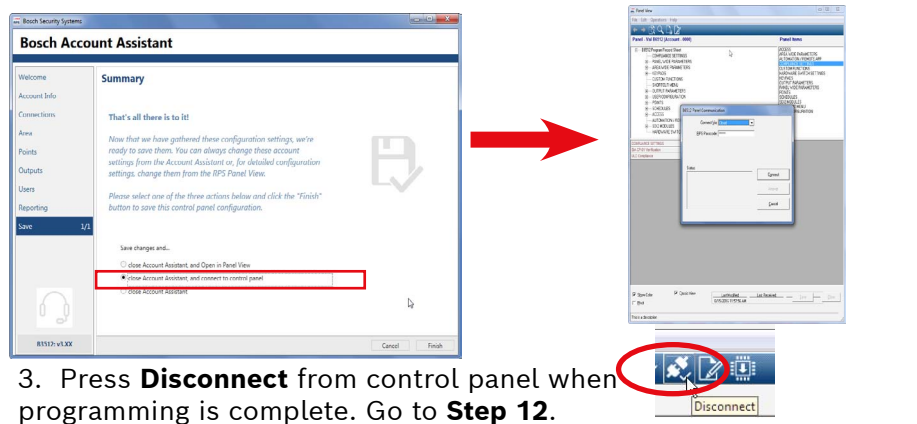
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Step 10 Configure and send to control panel using RPS

Bosch tips:

- ▶ Program your configuration information using Account Assistant.
- 1. Press **close Account Assistant, and connect to control panel.** This opens the **Panel Communication** window.
- 2. Press **Connect** and send configuration programming to control panel.



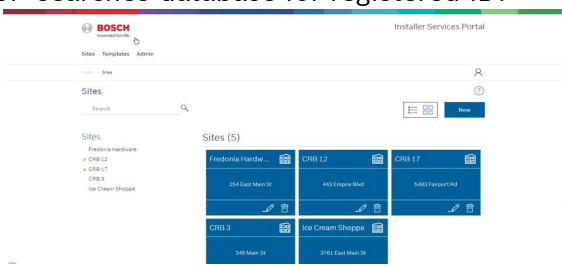
- 3. Press **Disconnect** from control panel when programming is complete. Go to **Step 12.**

Step 11a Accessing the Installer Service Portal and create panel account

Bosch tips:

Using the Installer Services Portal: (Not in all regions)

- ▶ Before you can use Installer Services Portal you must register for services at: <https://sp.boschsecurity.com>.
- ▶ Make sure the control panel is connected to the network.
- 1. Log into the Installer Services Portal.
- 2. Click on **New** and select **Device** to create a panel account.
- 3. Add panel account information.
- 4. Activate CloudID. ISP searches database for registered ID.
- 5. Select **Activate**.
- 6. Click **Add Panel**.



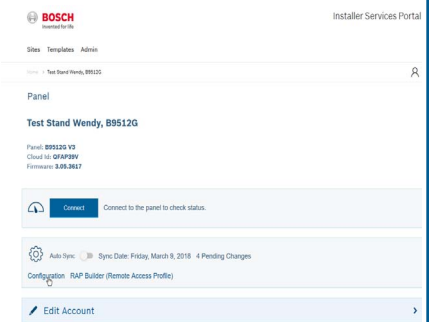
Step 11b Connect and send using the Installer Service Portal

Bosch tips:

Using the Installer Services Portal:

- ▶ Search or select device to connect to a control panel. Type in panel account name in the Search field to locate new account.

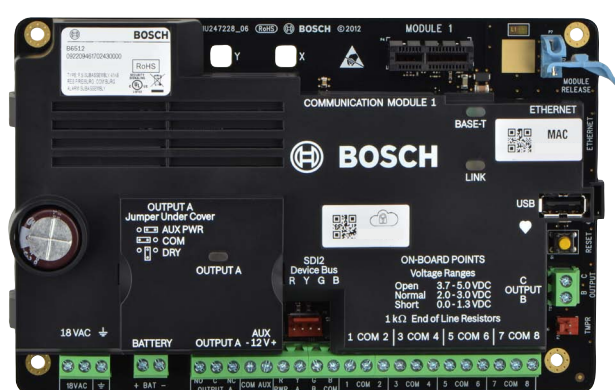
1. Select the panel account.
2. Click **Connect**.
3. Click **Configuration**. Program your configuration information.
4. Click the 3 vertical dots and select **Push Pending Changes to Panel** to send configuration.
5. Click **Disconnect** when configuration is complete.



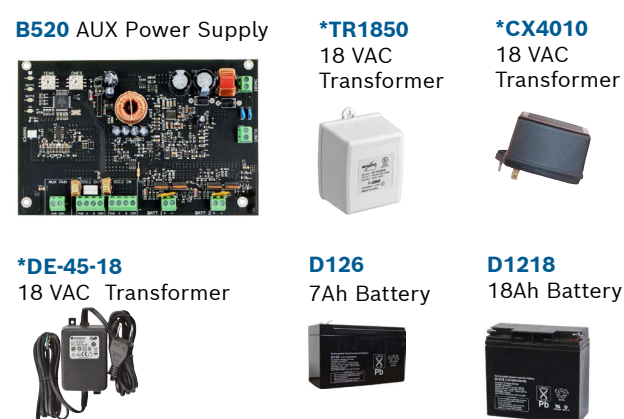
B Series control panel accessories (partial list)

Note: Not all products and features are available in all regions. Consult your Bosch representative or product datasheets for details.

Control panel



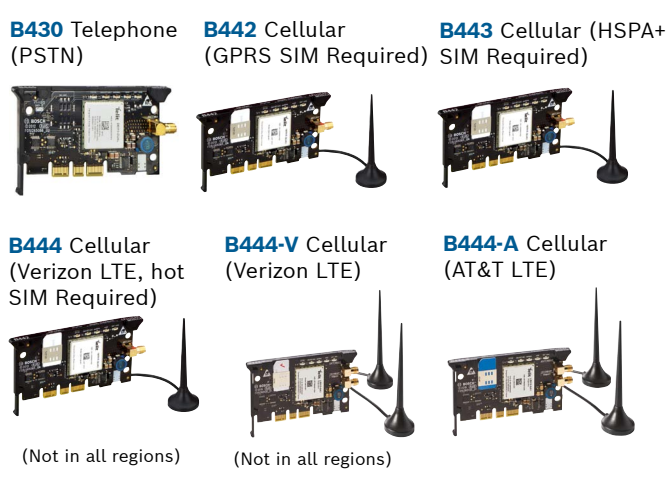
Power



D135A Low-Battery Disconnect Module

*Country specific, variants will apply

Communicators



(Not in all regions) (Not in all regions)

B450 Remote Cellular Interface



RADION wireless devices

-A versions of RADION devices are used in North and South America. Non -A versions are used in Europe, Africa, and Australia.



Keypads



(Not in all regions)

(Not in all regions)

RFID tags (for Readers & B942 Keypads)



IP camera integration

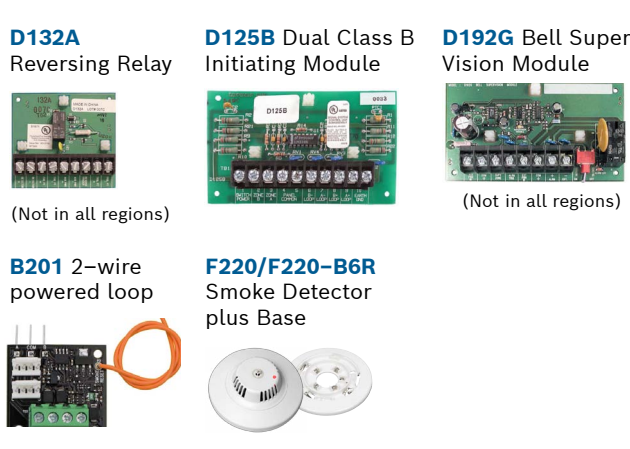
Any Bosch IP camera



Enclosures & accessories



Residential fire



(Not in all regions)

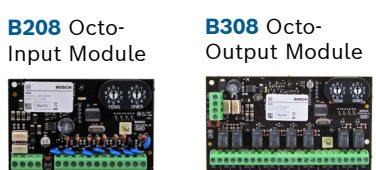
(Not in all regions)

Access modules

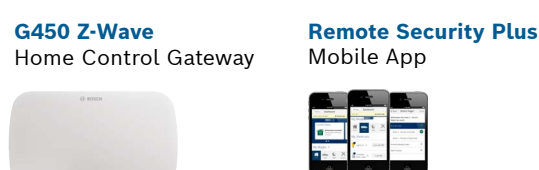


(Not in all regions)

I/O expansion modules



*Home automation



*Home automation may not be available in all regions. Consult your Bosch representative for details.

Wired motion detectors



Step 12 Test the system

After system installation and control panel programming, you must perform a complete system test. A complete system test includes testing the control panel, all devices, and communication destinations for proper operation.

Bosch tips:

- ▶ Perform a Walk Test
 1. Select **Actions**.
 2. Select **Test**.
 3. Select **Walk Test**.
 4. Choose a test to run.
- ▶ Send a test report



FAQs

What is my default code?

User Code: **123456**
Installer Code: **123**

How do I use Output B and C?

Outputs B and C are Open Collector Outputs. Wiring can be found in control panel installation manual, section heading **Open Collector Outputs**.

How do you remotely turn on and turn off the control panel?

This can be done through the use of the Remote Security Control App.

How do I connect directly to the control panel with Ethernet?

By default, the control panel is set up to auto detect and negotiate a connection to RPS when an ethernet cable is connected between them.

What do I need to be able to send personal notifications?

SMS (Text) messages require the use of a cellular module and emails can be sent by either an Ethernet or Cellular connection.

How do I enter "Service Mode"?

Press and hold the yellow reset button on the control panel for 5 seconds (repeat to exit).

Where can I go for additional information?

www.boschsecurity.com

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