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.

For additional training:

Bosch YouTube channel:
B Series Installer’s Site:

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

Installation sequence:

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

Control panel component layout

Control panel connection location

Step 1 Mounting the control panel

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

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 (RU31x) jack using a D161/D162 cable.

Step 3 Installing a keypad

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

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 Radian B810 wireless receiver, use address 1 only.

Step 5 Installing wired inputs

Bosch tips:
- If using a dual EOL, 2 EOL, or no EOL, refer to control panel installation guide for control panel settings.
- If using 2-wire powered devices, use a B2001 or D125B.

Step 6 Installing a bell or siren

Bosch tips:
- Output A can supply up to 1 A at 12 VDC when sourced from a control panel (jumper in AUX PW R 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

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

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

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.
- Press close Account Assistant, and connect to control panel. This opens the Panel Communication window.
- Press Connect and send configuration programming to control panel.
- Press Disconnect when configuration 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:**
  - 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.
  - Log into the Installer Services Portal.
  - Click on New and select Device to create a panel account.
  - Add panel account information.
  - Activate Cloud ID. ISP searches database for registered ID.
  - Select Activate.
  - 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.
  - Select the panel account.
  - Click Connect.
  - Click Configuration. Program your configuration information.
  - Click the 3 vertical dots and select Push Pending Changes to Panel to send configuration.
  - 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.

<table>
<thead>
<tr>
<th>Control panel</th>
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<tbody>
<tr>
<td>B915 Touch Screen</td>
</tr>
<tr>
<td>D105 Test</td>
</tr>
<tr>
<td>D101X Test w/ Function Keys</td>
</tr>
<tr>
<td>D209 1 Button Keyfob</td>
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<tr>
<td>D210 2 Button Keyfob</td>
</tr>
<tr>
<td>D211 4 Button Keyfob</td>
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</table>

**Radiation wireless devices**
- 4 versions of Radiation devices are used in North and South America.
- Not available in Europe, Africa, and Australia.

<table>
<thead>
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<th>Keypads</th>
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<tr>
<td>D402 Touch Screen</td>
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<tr>
<td>D403W Touch Screen</td>
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<tr>
<td>D105 Test</td>
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<tr>
<td>D101X Test w/ Function Keys</td>
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**Communicators**
- B850 Phone (PSTN) |
- B842 Cellular (SIM Required) |
- B843 Cellular (UWPA-SIM Required) |

**Residential fire**
- D1238 Reconnecting Relay |
- D1302 Dual Class B Initiating Module |
- D1303 Defi-Spy with Transformer |

**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 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.

**Where can I go for additional information?**
- https://sp.boschsecurity.com

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