

Technical Quick Guides

How to configure Radion B810 & WE800EV2 Wireless Receivers

The B810 and WE800EV2 are RF receivers used to receive and communicate RF signals to the control panel. This guide outlines how to set up these RF modules for use within the Bosch 2000/3000/4000 ecosystem. These panels can have a maximum of 1 RF receiver, so you cannot use these modules together.

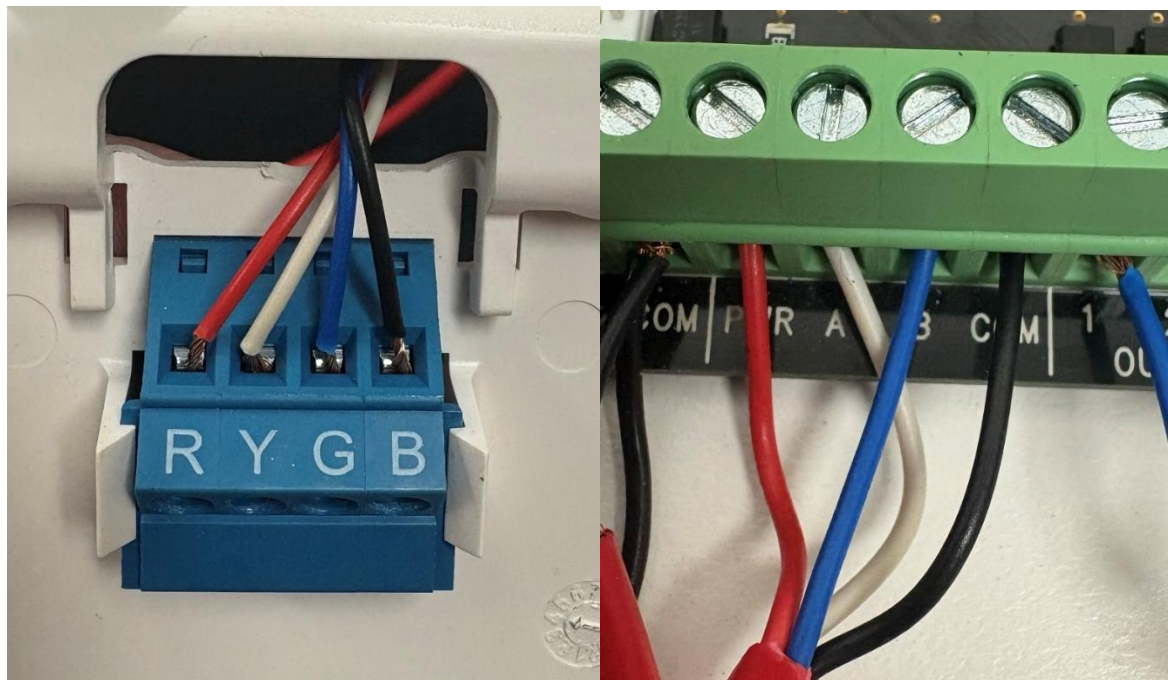
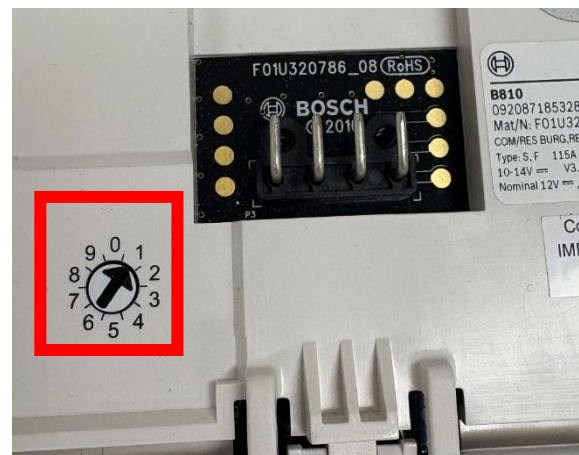
Note: The Bosch 2000 does NOT support the Radion B810. All 3 panels support the WE800EV2.

Wiring the B810:

Disconnect the MAINS AC power supply and backup battery.

Ensure that the rotary switch on the back of the B810 is set to address 1.

Connect the R, Y, G and B terminals of the B810 to the PWR, A, B and COM terminals of the control panel's SDI2 bus respectively.



Reconnect the power supply and turn on the control panel. The LED of the B810 will light up in a 3 flash pattern, indicating that it is receiving power but not yet configured correctly. We will now use a codepad to configure the control panel to accept the B810.

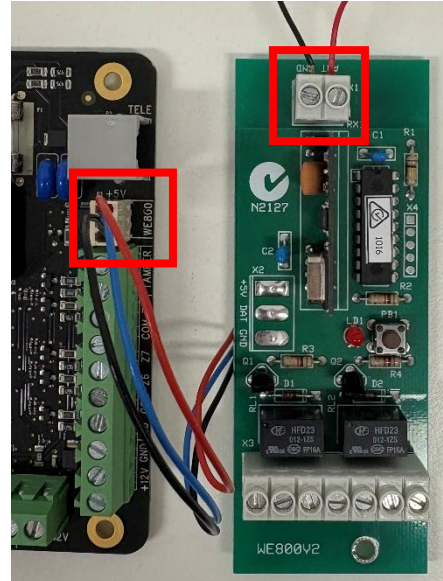
Wiring the WE800EV2:

Disconnect the MAINS AC power supply and backup battery.

Connect the 3 pin plug (soldered to the WE800EV2) to the WE800 terminal on the panel.

(Optional but recommended) To increase the receiver's range, wire a 2-wire antenna to the ANT terminal on the WE800EV2.

Reconnect the power supply and turn on the control panel. We will now use a codepad to configure the control panel to accept the WE800EV2.



Configure the receiver using a text keypad IUI-SOL-TEXT:

Enter the Installer code (default is 1234) then # to enter the installer menu.

Press 3 (System), 5 (Wireless), then 1 (RF Receiver).

Press 1 to select the *Radion Receiver* or 2 to select the *WE800EV2*.

When leaving the installer menu, make sure to press # to *Confirm to Save Parameter Changes*.

The RF receiver is now configured. If using the B810, the LED should now be solid, indicating normal functioning.

Configure the receiver using an icon keypad IUI-SOL-ICON:

Enter the Installer code (default is 1234) then # to enter the installer menu. The STAY and AWAY icons will flash to indicate Installer mode.

Enter 0395# to enter the RF receiver settings location. By default, this location is set to 0 (no RF receiver).

Enter 1 then * (STAY) to change the value to *Radion Receiver* or 2 then * (STAY) to change the value to *WE800EV2*.

Enter 960# to save changes and reset the system.

The RF receiver is now configured. If using the B810, the LED should now be solid, indicating normal functioning.