

WE800EV2 RF Arming Kit for Solution 800 Series



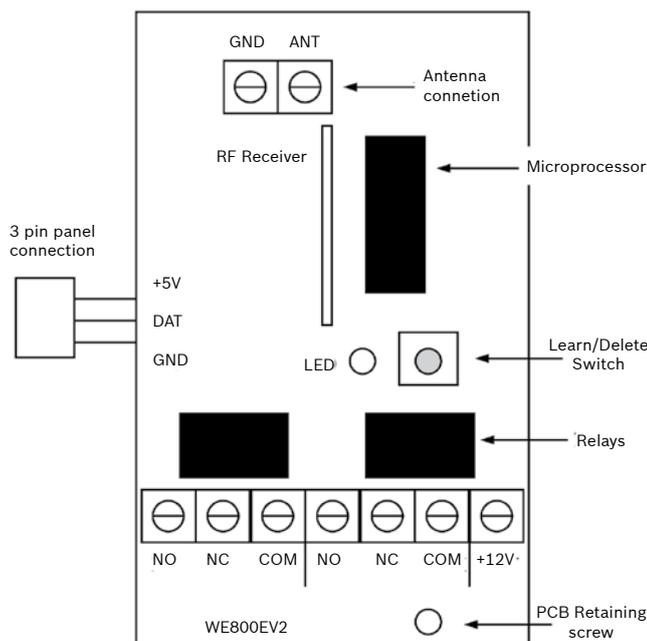
The WE800EV2 RF Arming Kit is designed to provide a convenient ON/OFF control for the Solution 800 Series alarm panels. Provision is also made for the control of up to two (2) external devices via on board relays.

Features

- ▶ ON/OFF functionality for Solution 16 panels
- ▶ Code hopping RF security (4.2 billion combinations)
- ▶ Simple installation
- ▶ Superheterodyne receiver (less interference)
- ▶ Robust attractive key fobs
- ▶ 2 onboard programmable relays

Installation and Set up

1. Remove small knockout in the Solution™ panel for antenna and insert the supplied rubber grommet.
2. Install WE800V2 PCB in panel with top of PCB in the slot provided at the top of the case and secure with the provided screw at the bottom of PCB.
3. Install antenna wire through grommet into the “ANT” terminal.
4. Connect the 3 pin plug to JP3 in the panel. Note that the connector will only install one way. If the relays are to be used a wire will need to be connected from the +12V terminal on the WE800V2 to a +12 terminal in the panel.
5. The supplied fobs are already learned to the WE800V2 with both relays set for momentary operation. If however a different relay set up is required then the fobs will need to be deleted and learned again as below.



TO DELETE FOBs - Press and hold the Learn/Delete switch. Note that the LED will light and then extinguish after 4 seconds. The EEPROM memory is now erased. Individual fob deletion is not possible.

TO LEARN FOBS - Press the Learn/Delete switch once. Note that the LED will flash rapidly. Now press the button on the FIRST fob to be learned corresponding to the relay functions required (see below). The LED will come on solid whilst receiving the transmission and then flash once to confirm learning. Repeat for additional fobs (maximum 21). It is not important which button is pressed on fobs learned after the FIRST as the relay functions are set by the FIRST learned fob.

Relay Programming

- Button 1 = Both outputs momentary
- Button 2 = Output 1 toggling, Output 2 momentary
- Button 3 = Output 2 toggling, Output 1 momentary
- Button 4 = Both outputs toggling

6. Press the Learn/Delete button once when finished learning fobs. Note that if no RF activity occurs the WE800EV2 will leave learn mode automatically after 20 seconds.

7. Now follow the Solution™ panel “Learning RF fobs” instructions.

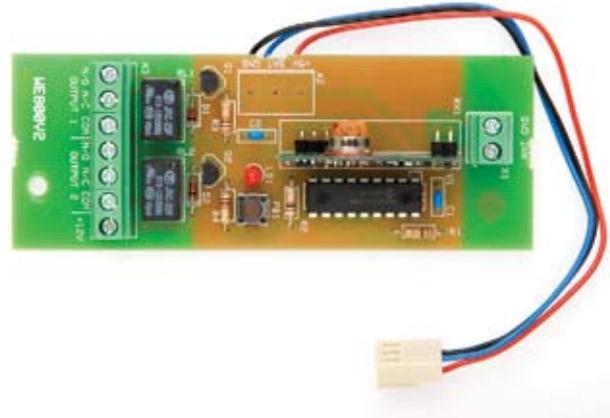
1. Master Code “1” Away.
2. User Number 9 - 16 Away.
3. Press a button on the fob
4. Repeat steps 1 to 3 for additional fobs.

8. Test Operation.

Note: The button functions are fixed and cannot be changed as per the diagram below. The receiver will not respond to rapid attempts to ARM/DISARM. Please wait 2 seconds between arm/disarm attempts.

Panic Function.

The keyfob can generate a panic alarm. Holding down buttons 1 and 2 at the same time for 2 secs will cause a panic alarm.



Technical Specifications

Receiver

Operating Voltage:	9 - 15 VDC
Current Consumption:	7mA Standby 45mA Both relays operating
Relay Rating:	SPDT 1Amp maximum carry @ 12VDC
Reverse Polarity Protection:	No
Operating Frequency:	433.92mHz
Receiver Type:	Superheterodyne AM ASK
Bandwidth:	250khz
Antenna:	170mm formed piano wire
Fob Storage:	EEPROM Maximum 21 fobs

Transmitter (Fob)

Operating Voltage:	12VDC Battery 27A
Operating Frequency:	433.92mHz
Bandwidth:	380khz
Tuning:	SAW resonator locked
Channels:	4
Weight:	35g including battery
Visual Indicator:	Blue LED

Ordering Information

SKU	Description
321070	WE800EV2KIT 433mHz Receiver with 2 x 4 Button Fobs