

New Features

Two additional features have been added to the latest version of the WE800EV2.

1. With both DIP switches in the OFF position the receiver will function as it always has.
2. With **DIP switch 1 ON** STAY mode will not function from the keyfob, this allows this channel to be used on another receiver to control a door, gate etc
3. With **DIP switch 2 ON** the keyfob button functions are reversed. Buttons 1 and 2 will control the onboard relays, 3 will ARM in AWAY mode and 4 will **arm in STAY mode**.

Note: Both options can be selected. In this case Button 4 can be used to control another relay on an additional receiver. Eg: HCR-1, HCR-424, HCR-15, HCR-624

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. Or 3 and 4 if DIP 2 is ON.



Specifications Receiver

Operating Voltage 3 Pin Connector
+12V Relay Terminal
Current Consumption

5VDC from Solution Panel
9 - 15VDC
6mA Standby
45mA Both relays operating
SPDT 1Amp Maximum @ 12VDC
No
433.92mhz
Superheterodyne AM ASK
250khz
165mm insulated 1mm wire
EEPROM Maximum 21 Fobs

Relay Rating
Reverse Polarity protection
Operating Frequency
Receiver Type
Bandwidth
Antenna
Fob Storage

Transmitter (Fob)

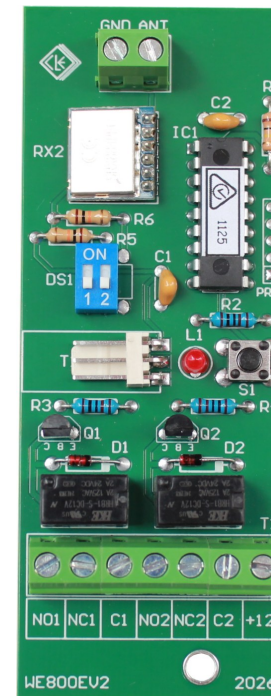
Operating Voltage
Operating Frequency
Bandwidth
Tuning
Channels
Weight
Visual Indicator

12V 27A Alkaline battery
433.92mhz
380khz
SAW resonator locked
4
31g including battery
Blue LED

Made in Australia by Circuit Level Electronics (Aust) Pty Ltd ABN 51 074 517 570
Solution™ is a trademark of Keenfinity Pty Ltd

Specifications subject to change without notice in the interest of ongoing product development.
Warranty statement available upon request from Circuit Level Electronics.

WE800EV2 RF Arming Kit for Solution™ 2000, 3000,



HCT- 4R



NEW OPTIONAL FEATURES

- Remove STAY mode to add extra relay
- Change Button Functions



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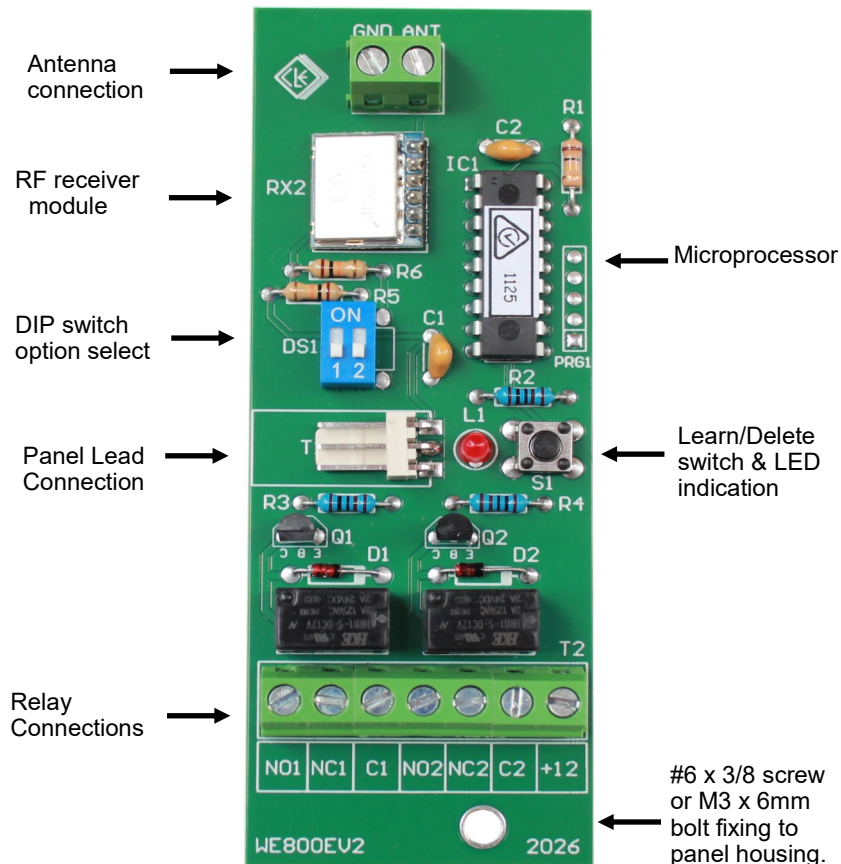


Overview

The WE800EV2 RF Arming Kit is designed to provide a convenient ON/OFF Control for the Solution 8XX and 2000 / 3000 / 4000 series of alarm panels. Provision is also made for the control of up to two (2) external devices via on board relays. This version includes new keyfobs. **Please note all HCT-4 keyfobs are compatible with all versions of the WE800EV2 receiver.**

Features

- * Code Hopping RF security
- * Simple installation
- * Superheterodyne receiver (less interference)
- * Robust attractive keyfobs
- * Two onboard programmable relays
- * **NEW SELECTABLE OPTIONS** see back page



Installation and Set up

1. Remove small knockout in the Solution™ panel for antenna
2. Install WE800EV2 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 knockout hole 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 +12 terminal on the WE800EV2 to a +12 terminal in the panel.
5. The supplied fobs are already learned to the WE800EV2 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 applicable **Solution™** panel “ **Learning RF fobs**” instructions as set out in the Installation manual. Below example is for 2000 / 3000 panels.

1. Set RF Receiver as WE800EV2 Receiver (**Value 2 in Location 395**) . 2. Enter the Master Code then [1] and [#].eg: 25801#. 3. Enter the keyfob number (301 to 332) you want to add (301=fob 1, 302=fob 2 etc) followed by the [#] key. Up to 21 fobs can be added, but only the current fob (1 to 16) displays through zone indicators on the ICON codepad. 4. The user number will display on the codepad. Press [#] to continue. 5. When icon numbers (1 to 16) flash, press button 1 or 2 of the fob. The panel learns the WE800EV2 fob ID number and the last digit of the RFID number displays on the codepad. Press [#] to confirm. 6. Enter [#] to confirm the operation or press [*] to cancel.

Delete WE800EV2 Keyfob.

1. Enter the Master Code followed by [1] & the [#] key.
2. Enter the fob number (301 to 332) you want to delete, followed by [#].
3. Press the [*] key to delete the fob.
8. TEST OPERATION