

Note: The button functions are fixed and cannot be changed as per the diagram below.

Panic Function: The fob can generate a panic on the Solution panel. Holding down buttons 1 and 2 for a period of 2 seconds will cause a panic alarm.



Specifications

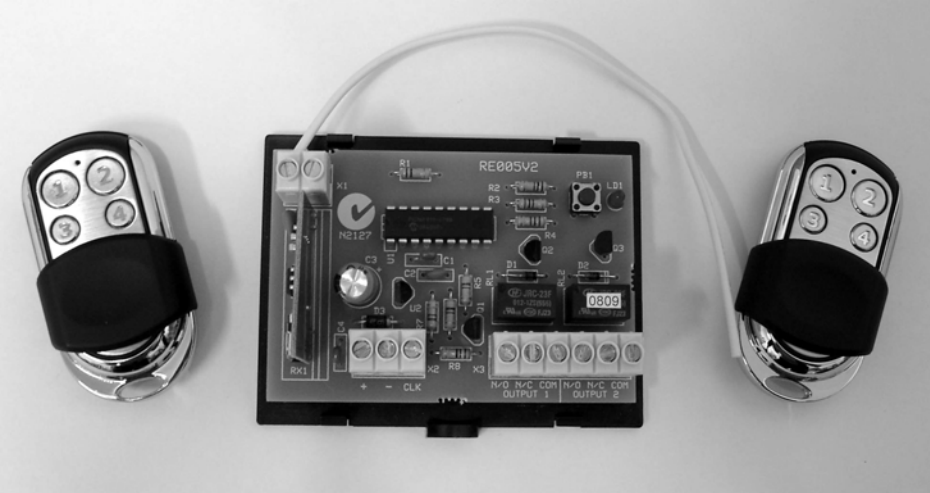
Receiver

Operating Voltage	9 - 15VDC
Current Consumption	9mA Standby 43mA Both relays operating
Relay Rating	SPDT 1Amp Maximum carry @ 12VDC
Reverse Polarity protection	Yes. Diode
Operating Frequency	433.92mhz
Receiver Type	Superheterodyne AM ASK
Bandwidth	250khz
Antenna	165mm solid core insulated wire
Fob Storage	EEPROM Maximum 21 Fobs

Transmitter (Fob)

Operating Voltage	3V Lithium Battery CR2032
Operating Frequency	433.92mhz
Bandwidth	260khz
Tuning	SAW resonator locked
Channels	4
Weight	33g including battery
Visual Indicator	Blue LED

RE005EV2 RF Arming Kit for Solution™ 16



N2127



Overview

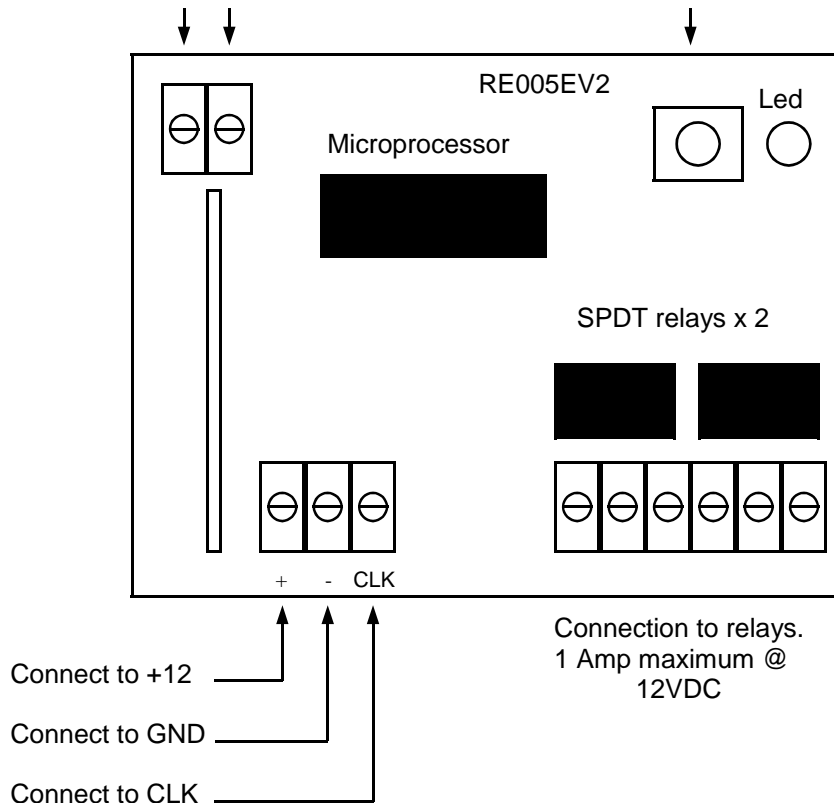
The RE005EV2 RF Arming Kit is designed to provide a convenient ON/OFF Control for the Solution16 alarm panels. Provision is also made for the control of up to two (2) external devices via on board relays.

Features

- * Code Hopping RF security (4.2 billion combinations)
- * Simple installation
- * Superheterodyne receiver (less interference)
- * Robust attractive keyfobs
- * Two onboard programmable relays

Connection for antenna.
17cm wire or coax to external 434mhz
antenna. Coax shield connects to GND

Learn/Delete
Switch



Installation and Set up

1. Select a location to install the ABS bulkhead case of the receiver which is non metallic. Metal objects close to the receiver may affect range.
2. Connect wiring to Solution 16 keypad bus.
3. In the installer programming of the Solution 16 set;
Location 666 = Option 1 enabled Location 665 = Option 8 enabled
if horn speaker beeps are required.
4. The supplied fobs are already learned to the RE005EV2 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

5. Press the Learn/Delete button once when finished learning fobs. Note that if no RF activity occurs the RE005EV2 will leave learn mode automatically after 20 seconds.
6. Test Operation.