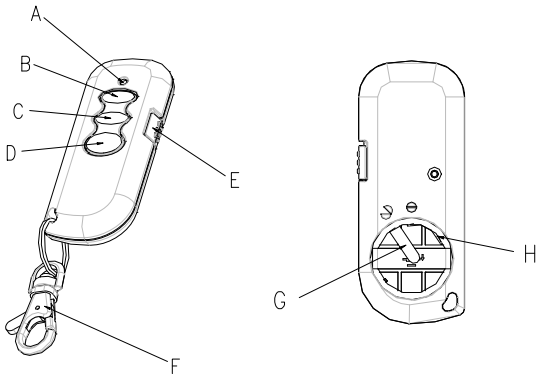


Wirefree Remote Controller SR801-2

Installation and Operating Instructions

These instructions should be read in conjunction with your System Installation and Operating Manual and be retained for future reference



| | |
|-----------------|---------------------|
| A LED indicator | E Panic Switch |
| B Arm | F Key Chain Ring |
| C Part-Arm | G Negative Polarity |
| D Disarm | H Positive Polarity |

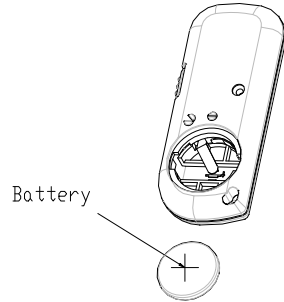
The Remote Controller is used to Arm, Part-Arm and Disarm the system. It is compatible with a series of our control panels, such as SC801 (2 zones), SC811 (8 zones), SC821 (12 zones) and SE801 (solar-powered siren & strobe), operating at 868MHz or 923MHz only.

The Remote Controller also incorporates a Panic switch. Activating the Panic switch will immediately initiate a Full Alarm condition whether the system is Armed or Disarmed, (unless the system is in Test mode).

The Remote Controller adopts a CR2032 type Lithium cell which under normal conditions will have typical life in excess of 1 year. Under normal battery conditions the LED on the Remote controller will only illuminate when a button is pressed. However, under low battery conditions the orange LED will illuminate every time the button is pressed. When this occurs the batteries should be replaced as soon as possible.

SETTING THE REMOTE CONTROLLER

1. Remove the rear cover with a coin.
2. Insert the battery ensuring that the +v terminal faces upwards away from the PCB.



3. Replace the rear cover.

LEARNING THE ID CODE

In order to communicate with the Control Panel, the ID code of the Remote Controller and Control Panel need to be learnt with each other. By pressing the button will emit the ID code to the Control Panel instantly, subject to the Control Panel being set at the ID code learning mode.

To emit the ID code to the control panel, proceed the following steps in sequence:

1. Press the button for more than 3 seconds until the green LED of the Remote Controller flashes. It implies that the Remote Controller enters ID code learning mode.
2. A 30-second countdown will start. If the ID code has been learnt within 30 seconds by the control panel successfully, the LED of the Remote Controller will be on before exit the learning mode. If failure, the LED of the Remote Controller will flash three times rapidly before exit the learning mode.

Note: The Remote Controller owns only one ID code to be learnt by the control panel.

LED INDICATION

| Function | LED Indication |
|--|--|
| RF transmission | Green LED illuminating for one second |
| Failed RF transmission | Red LED illuminating for one second |
| Low battery | Orange LED illuminating for one second |
| Success in learning the ID code | Green LED illuminating for 0.5 second |
| If the control panels have been activated, | Green LED flashing for 3 seconds |

| | |
|--|--|
| the LED of Remote Controller will be revealed | |
| Connect to the Solar-powered siren & strobe (SE801) | |
| System off | Orange LED illuminating for 3 seconds -> Green LED illuminating for 0.5 seconds |
| Connect to the SC801/SC811/SC821 | |
| Command in vain to the control panel | Red LED flashing for 3 seconds |
| Enabling part-arm1 for SP801 / SM801 1. Press → 2. | 1. Orange LED on steadily for 6 seconds -> flashing for 10 seconds 2. Green LED on for 1 second |
| Disabling part-arm1 for SP801 / SM801 1. Press → 2. | 1. Orange LED on steadily for 6 seconds -> flashing for 10 seconds 2. Green LED on for 1 second |
| Omitting for SP801 / SM801 1. Press → 2. | 1. Orange LED on steadily for 6 seconds -> flashing for 10 seconds 2. Green LED on for 1 second |

Note: Omit zone means a zone may be temporarily omitted when the system is armed using the omit feature. When the system is next disarmed any zones set to omit will be cancelled.

Note: SP801 / SM801 refers to the Motion Sensor / Door/Window Contact respectively.

OPERATING THE REMOTE CONTROLLER

- Pressing the button will control the control panel to enter the arm mode.
- Pressing the button will control the control panel to enter the disarm mode.
- Pressing the button will control the control panel to enter the part-arm 1.
- By sliding the panic switch will activate the control panel to initiate a full alarm condition.
- When controlling the solar-powered siren & strobe (SE801), proceed with the following steps:
 - System off: Press and hold the button and use another finger to press the button, the orange LED of the remote controller will be illuminated for 3 seconds and turned green for 0.5 seconds. It implies that the remote controller emits a system off radio signal to the solar-powered siren & strobe.
 - System on: Under system off mode, press the button on the remote controller will control the solar-powered siren & strobe to enter system on mode.

SETTING THE PART-ARM & OMIT MODE FOR THE MOTION SENSORS / DOOR/WINDOW CONTACTS

When working with a SC series of our control panels, I.E. SC801, SC811 & SC821, follow the steps below:

- Press and hold the button and use another finger to press the button. Do not release these two buttons until the LED on the remote controller has turned to orange. The orange LED will illuminate for 6 seconds and be careful to check out if the LED on both Motion Sensor (SP801) / Door/Window Contacts (SM801) flashes or not before 6 seconds is out. This is designed to wake up the Motion Sensor (SP801) / Door/Window Contacts (SM801). If the LED on both sensors is flashing, it implies that the sensor has been waked up. After 6 seconds has elapsed, the orange LED on the Remote Controller will flash for 10 seconds.
- During this 10 seconds period,
 - Press the button to emit enabled part-arm 1 command to the Motion Sensors (SP801) / Door/Window Contacts (SM801).
 - Press the button to emit disabled part-arm 1 command to the Motion Sensors (SP801) / Door/Window Contacts (SM801).
 - Press the button to emit omitted command to the Motion Sensors (SP801) / Door/Window Contacts (SM801).

Note: If failure to wake up or if there is an incorrect control to the Motion Sensors (SP801) / Door/Window Contacts (SM801), do not operate the remote controller until the orange LED has flashed for 10 seconds.

TESTING THE REMOTE CONTROLLER

The operation of the Remote Controller should be tested with the system in normal mode to ensure that the new Remote Controller will successfully communicate with the system and the Arm and Disarm functions operate correctly. Also check by activating the Panic switch on the Remote to initiate an alarm condition.

Refer to your System Installation and Operating Manual for further details on operating and testing the system.

SPECIFICATIONS

| | |
|---------------------|------------------|
| Battery Type | CR2032 3V/230mAh |
| Operating Frequency | 868MHz or 923MHz |

**Specifications are subject to change without prior notice.*



A501110742R01

Warning:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: – Reorient or relocate the receiving antenna. – Increase the separation between the equipment and receiver. – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. – Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

Information for the OEMs and Integrators The following statement must be included with all versions of this document supplied to an OEM or integrator, but should not be distributed to the end user. This device is intended for OEM integrators only. Please See the full Grant of Equipment document for other restrictions.

Label Information to the End User by the OEM or Integrator The following regulatory and safety notices, the final end product must be labeled with "Contains FCC ID: FU5SR801-2 in a visible area.