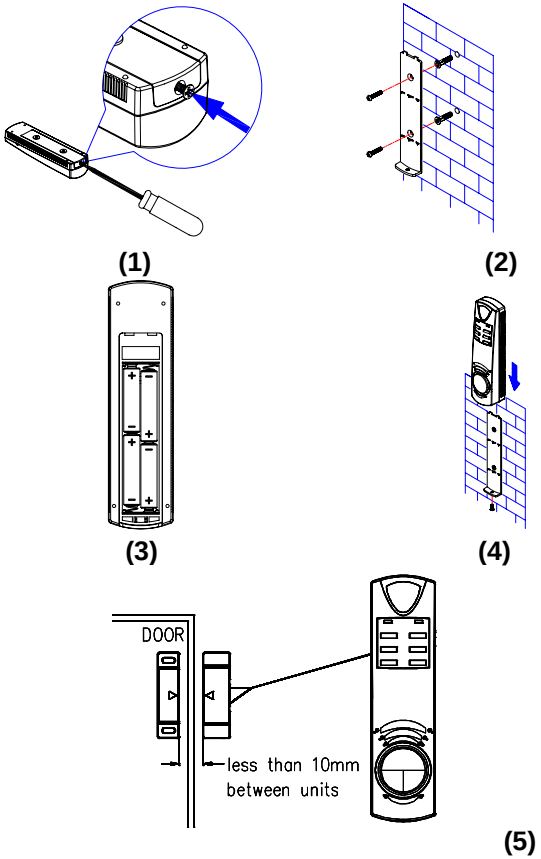
## SM122 Wireless Door/Window Alarm

As a small alarm system, Wireless Door/Window Alarm can be easily placed onto an unsecured window or door by connecting it with the external hardwire magnetic. The Alarm emits a piercing 130 decibel alarm when the alarm's magnetic seal is broken. It can be used either as an alarm or an enunciator. It provides you with three different modes to adapt to your home security needs.




### INSTALLATION

1. Remove screw at the base of compartment and slide off cover.
2. Mount the cover on the wall.
3. Insert the battery.
4. Slide on the cover to the wall and tighten the screw located at the base.
5. Mount magnetic sensor next to the siren on either the left or right side of the alarm, with less than 10mm in between. The Alarm will be triggered if the gap is 30mm or greater.

### STARTING UP

Insert four (4) "AAA" size batteries. Average battery life for typical usage is 1 year. When all batteries are inserted, the Status LED will flash for one second to indicate that the batteries are installed properly. The Alarm will be started in the OFF mode. The four-digit security code "1234" **(PIN)** has been set as the default secret code. When you remove the battery, pressing any button will clean out your previous setting. (NOTE: After removing or replacing the batteries, the Alarm PIN would be automatically set back as default "1234".)

### CODE LEARNING SETTING

Press the PIN code and 6 key (e.g. [1]-[2]-[3]-[4]-[6]) to enter the code learning mode. The Alarm will transmit a radio signal to the receiver instantly. Upon completion of code learning transmission, the Alarm will skip to off mode automatically. During code learning mode, any input or activation will be ignored.

### ARMING THE ALARM

**Note:** Both "**Instant**" and "**Entry Delay**" mode have a 15-second exit delay duration.

To set the **Instant Mode**, simply press the PIN code and key (e.g. [1]-[2]-[3]-[4]-[ ]), this will result in beeping sounds and the Status LED flashing, this confirms the settings are completed. There will be a 15-second exit delay before the Alarm is armed. The delay allows time for you to leave the protected area without triggering the Alarm. The Alarm will transmit an "open" radio signal to the receiver and sound for 30 seconds and then be silent for 10 seconds; with such a 40-second cycle for 10 times, when the magnetic contact between the main unit and magnetic unit is broken.

When the magnetic contact is closed again, the Alarm will transmit a "close" radio signal to the receiver.

To set the **Entry Delay Mode**, simply press the PIN code and key (e.g. [1]-[2]-[3]-[4]-[ ]), this will result in beeping sounds and the Status LED flashing, this confirms the setting has been completed. There will be a 15-second exit delay before the Alarm is armed. The Status LED will flash for one second and a 15-second silent entry delay before the alarm goes off when the magnetic contact between the main unit and magnetic unit is broken. The Alarm will emit an "open" radio signal to the receiver and will sound for 30 seconds and then be silent for 10 seconds; with such a 40-second cycle for 10 times.

When the magnetic contact is closed again, the Alarm will transmit a "close" radio signal to the receiver.

To set the **Chime Mode**, simply press the PIN code and key ([1]-[2]-[3]-[4]-[ ]); and this will cause one chime, confirming that the setting has been completed. Two chimes can be heard when the magnetic contact between the main unit and magnetic unit is broken.

An "open" and "close" radio signal will be emitted respectively when the magnetic seal is broken and closed again.

### DISARMING THE ALARM

Disarm the Alarm by pressing PIN and OFF key (e.g. [1]-[2]-[3]-[4]-[OFF]).

When the Alarm is set in the off mode, any activation or radio signal transmission will be ignored.

### CHANGING PIN CODE

Press the PIN code and key (e.g. [1]-[2]-[3]-[4]-[ ]), this will turn on both LED and Status LED. If you do not change the Pin Code or incorrect codes were entered three times consecutively within 15 seconds, the Alarm will automatically go into Off Mode.

While setting the PIN code, no radio signal will be transmitted to the receiver if the magnetic seal is broken.

### BATTERY LOW INDICATION

When the battery is low, the LED will flash every 3 seconds until the battery dies. Low battery indication won't be visible until the Alarm is at idle condition which means alarm activation, code input, 30-seconds disabled period, delay mode and code clearance will not be indicated.

**PIN INPUT ERROR**

If the PIN input is not correct, the LED will flash and beep three times. Three consecutive input errors will disable the Alarm for 30 seconds. When the siren sounds, any input errors will activate the LED and the Alarm will disable until the siren ends.

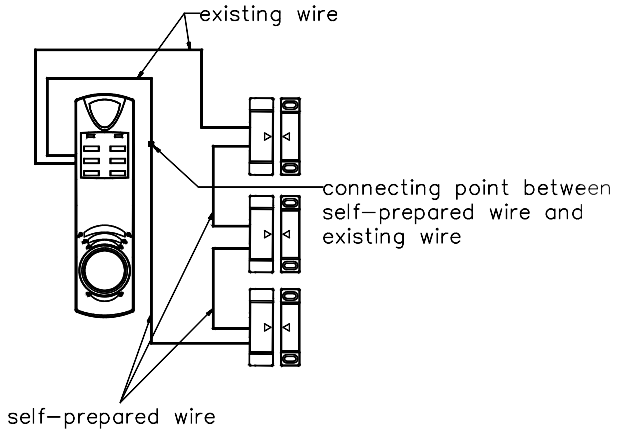
| Mode Status | PIN | Mode key |
|---|---|---|
| Instant | 1234 | |
| Delay | 1234 | |
| Chime | 1234 | |
| Off | 1234 | OFF |
| PIN Change | 1234 | |
| Code Learning | 1234 | 6 |

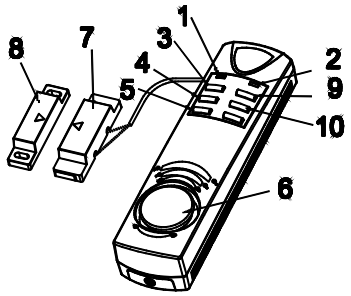
(**Note**: When testing, a cloth can be used to cover the alarm to reduce the risk of hearing damage.)

**EXTERNAL CONNECTION**

If more than one door/window needs to be protected, additional magnetic reed switch (model No. SA200) can be purchased separately. Series connection is made among all of the magnetic reed switch for a max. of 10 pcs and total length of connecting wiring cannot exceed 10m.

Series connection is shown as below




1) Status LED
2) LED
3)
4)
5)
6) Siren
7) Magnetic Sensor
8) Magnetic Unit
9) OFF
10)

**Note:** The security code for your Alarm should be changed from the factory default setting.

**Note:** If codes have not been entered entirely, incomplete preset codes will be cleaned after 10 seconds automatically. If codes have not been entered entirely during the siren sound, incomplete preset codes will be cleaned until the siren sound ceases. If codes have not been entered entirely during the change of security code, incomplete preset codes will be cleaned until the change of security code is finished.

**SPECIFICATIONS:**

| | |
|---|---|
| Frequency range | 314-316 MHz |
| Battery | 1.5V AAA type x 4 |
| Communication Range | 70 meters min. (in an open space) |

## Federal Communication 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 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.

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.

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

this equipment.

**IMPORTANT NOTE:**
**FCC Radiation Exposure Statement:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.