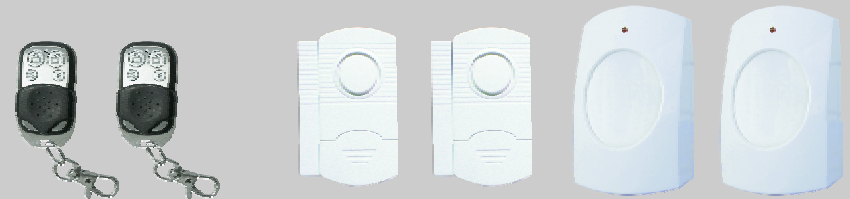


8-zone Wireless Auto-alarm System

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MODEL:RL-0507A



CE FC

USER MANUAL

8-zone Wireless Auto-alarm System

1) usage:

Ideal for house, company, warehouse etc. where anti-theft is needed.
The system will alarm sharply when someone intrudes illegally in alarm status.

2) Function:

- 433 MHz wireless alarm allows easy installation and cost saved.
- Easy operation of this system is ideal for DIY market.
- Settings and stored data will not be lost after power failure.
- Up to 26 sensors can be added to this system.
- 8 security zones, double mode.

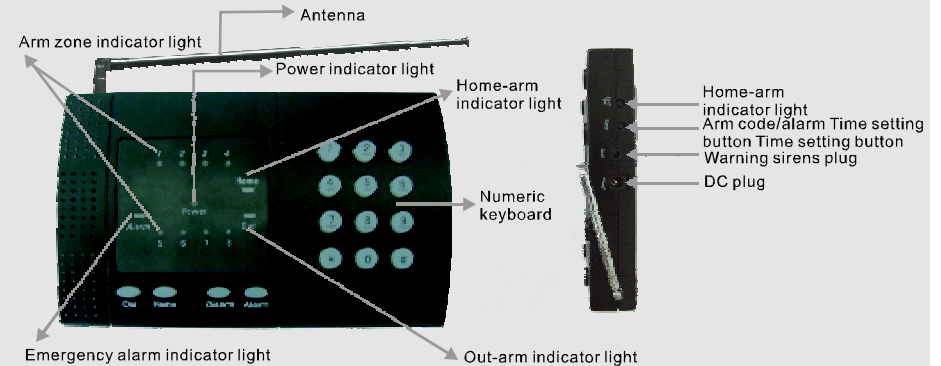
3) Accessory:

- One main unit
- One warning sirens
- Two infrared sensor (with bracket)
- Two magnet sensors (enclose 3x LR44 alkaline batteries per sensor)
- One adapter (9V 300 m A)
- Two remote controllers

4) System Installation:

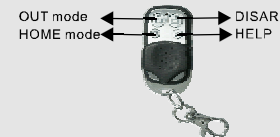
A. Main unit

- 1.Plug the enclosed adapter into AC socket of the power and the DC socket of main unit.
- 2.It is best to put the main unit in a hidden place to avoid the intruder's damage.



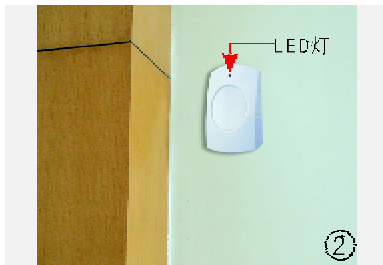
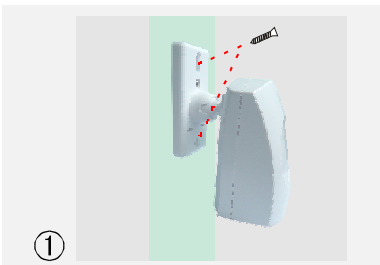
HOME: Home-arm setting button
OUT: Out-arm setting button
ALARM: Emergency alarm button
DISARM: Disarm button

B. Remote controller



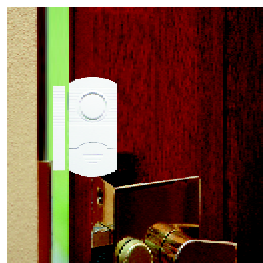
C. Infrared sensor

Load 3x AAA alkaline batteries. Put the adjustable bracket in a needed place and hang the infrared sensor on it. Pay attention to avoid the direct sunshine; do not face the glass window; do not face the heat & cold air vent or heat & cold resource; do not face something that swing easily. The best height for installation is 1.0m to 1.5m. Adjust the angle for best performance.





D. Magnet sensor

It consists of magnetic bar and sensor. Stick the magnetic bar and sensor on the door and door frame with double-side adhesive tape. Align the magnetic bar and sensor and pay attention that the distance between them is less than 10mm.





5) Operation :



1.HOME mode

Press  button on the remote controller (or input password on keyboard), one indicating sound from the main unit will be heard. Hold “HOME” button on the main unit, after main unit beep with “HOME” LED blinks for 1 minute, it enters into HOME-ARM mode. Press  button on the remote controller, you are able to enter HOME-ARM mode directly without waiting 1 minute.

2.OUT mode

Press  button on the remote controller (or input password on keyboard), one indicating sound from the main unit will be heard. Hold “OUT” button on the main unit, after main unit beep with “OUT” LED blinks for 1 minute, it enters into OUT-ARM mode. Press  button on the remote controller, you are able to enter OUT-ARM mode directly without waiting 1 minute.

3.Emergency alarm setting

Press  button on the remote controller or press “alarm” button on the main unit in emergent situation, the system gets into emergency alarm mode. Press  button on remote controller (or input password at keyboard, then press “DISARM” button after main unit beep) to cancel emergency alarm.

4.Code-matching setting

A.Code-clear setting

Power on and hold “ZONE SET”, two indicating sounds from the main unit is heard. Release the button after main unit beep in 6 seconds, then all previous setting lost.

B.Arm code setting

Hold “SET UP” till one indicating sound from the main unit is heard. Hold it about 6 seconds and release the button after 2 indicating sounds from the main unit is heard. Input 4-digit number “0000-9999” + “*” + “#” + “7” on the keyboard, main unit beep, then press “SET UP” to exit. Two indicating sounds from the main unit show that password has changed. Initial password is 1235.

C.Alarm time setting

Hold “SET UP” till one indicating sound from the main unit is heard. Hold it about 6 seconds and release the button after 2 indicating sounds from the main unit is heard. Input “007” + “alarm time” + “**” on the keyboard, main unit beep, then press “SET UP” to exit. Two indicating sounds from the main unit show that setting is confirmed. Alarm time is “00~20”; “00” means disarm, “01” means alarm for 1 minute, “20” means alarm for 20 minute.

D.Arm setting

(Attention: Default sets magnetic sensor is in HOME ARM mode and in charge of NO. 1, 2 zones while PIR sensor is in OUT ARM mode and in charge of NO.3, 4 zones.)


Hold "SET UP" till one indicating sound from the main unit is heard, then choose security zone (No.1-8 zones), and then select "OUT" or "HOME" mode.

Setting the magnet sensor: Press "ZONE SET" till one indicating sound from the main unit is heard. Hold it about 6 seconds and release the button after 2 indicating sounds from the main unit is heard, then system enters into code-matching mode. Press "HOME" button on main unit with LED "HOME" blinks, then choose the security zone and press "HOME" button again. Switch the magnet sensor RF, get sensor box close to magnetic stripe. After that, move them away in a distance that more than 10mm. Six indicating sounds from the main unit are heard when code matched.

Setting the PIR sensor: Press "ZONE SET" till one indicating sound from the main unit is heard. Hold it about 6 seconds and release the button after 2 indicating sounds from the main unit is heard, then system enters into code-matching mode. Press "OUT" button on main unit with LED "OUT" blinks, and then choose the security zone and press "OUT" button again. Face to PIR sensor till indicator light on. When six indicating sounds from the main unit are heard, code-matching was done

Setting the remote controller: In code-matching status, press ARM/DISARM/EMERGENCY button on the remote controller, code-matching is done while one indicating sound from main unit is heard. Press "ZONE SET" to exit while two indicating sounds from the main unit are heard.

Attention: Only those accessories which set in HOME mode can enter into arm status when system is at HOME mode. All accessories can enter into arm status when system is at OUT mode.

E.Disarm setting: Press  button on the remote controller (or input password on keyboard, and then press DISARM button after a long indicating sound from main unit is heard) to turn off the system.

6) Adding configuration:

Adding configurations without canceling original code-matched accessories, hold "ZONE SET" till main unit beeps, then choose the security zone and mode (OUT/HOME). After that, add configurations to the system (Please refer to arm-setting), and press "ZONE SET" to exit while main unit beeps twice. Exit code-matching mode, original setting will not lose.

7) Technical parameter:

Main unit:

- Voltage: AC100~240V-DC9V-0.3A
- Frequency: 433.92MHz±75KHz
- Dissipation: standby current: ≤15mA
alarm current < 160mA
- Sensitivity : > -110dbm
- Sound: single-tone alarm
30cm ≥ 105db
Alarm time 0~20 minute

Remote controller:

- Input voltage: DC12V (27A12V)
- Transmission frequency: 433.92MHz±75KHz
- Dissipation: standby current: 0mA
working current: < 10mA
- Capacity : < 10dbm
- Transmission distance: > 80m (open area)

Infrared sensor :

- Input volts: DC4.5V (AAA×3)
- Standby current: < 0.1mA
- Transmission current: < 8mA
- Transmission frequency: 433.5MHZ-434MHZ
- Inductive distance: > 5m (open area)
- Distance of transmission: > 100m (open area)
- Low voltage indication: < 3.1V±0.1V

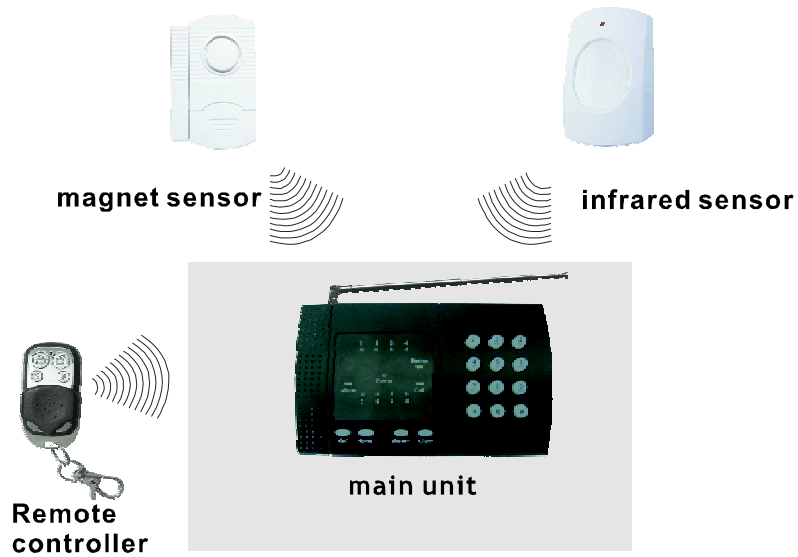
Magnet sensor:

- Input volts: DC4.5V (Lr44×3)
- Standby current: < 10 uA
- Transmission current: < 8mA
- Transmission frequency: 433.5MHZ-434MHZ
- Transmission distance: > 100m (open area)

Caution:

1. Check the batteries regularly in case of rusting the spring or circuit board by the leakage of it.
2. Batteries that hasn't use for a long time is suppose to take out from the equipment to prevent from leakage, discoloration, or deformation.

7) Operation diagram:



FCC Information and Copyright

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.

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.

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

Note: The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.