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Note: 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.

Modifications not authorized by the manufacturer may void users authority to operate this device.

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.

Intelligent Auto Dial Alarm System

(dial automatically the number saved by householder)

MODEL: RL-R6



USER MANUAL

Intelligent Auto Dial Alarm System
(dial automatically the number saved by householder)
RL-0503F
USER MANUAL

1.Usage

Ideal for house, company, warehouse etc. where anti-theft is needed. The system will alarm sharply when someone intrudes illegally in arms status, meanwhile 6 groups of telephone numbers stored in the main unit will be dialed automatically.

2.Feature

- Compared with other products, the user manual of RL-0503F is easier to operate.
- RL-0503F is available of one wireless siren with light, When alarm is activated, sharp siren with light will frighten away the thief, and then the main unit can be put in a hidden place for protection.
- Save the mode set by the householder under the off-state.
- Maximally 38 sensors or remote controllers are available.
- Simple installation and usage.

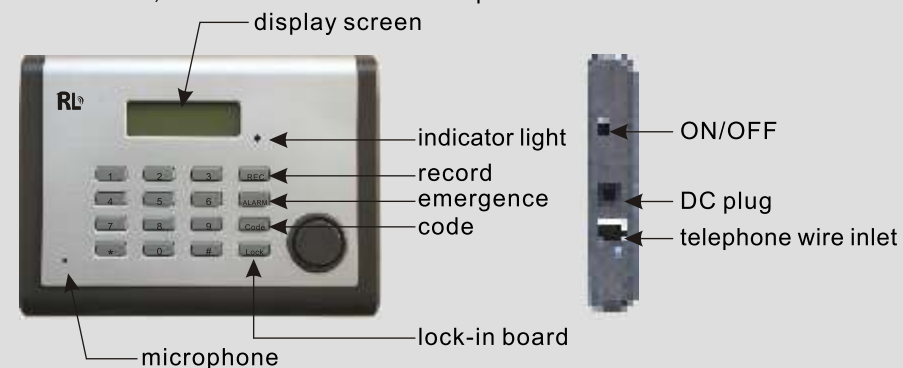
3.Accessories

- 1)One main unit
- 2)Two wireless siren with light(indoor & outdoor)
- 3)One infrared sensor
- 4)Two magnet sensors (enclosed 3x LR44 alkaline batteries per sensor)
- 5)Two remotes
- 6)One telephone line
- 7)One adapter (9V 300 m A)

4.System installation

A.Main unit:

- 1.Connect one terminal of telephone line to the main unit and the other terminal to the telephone.
- 2.Put DC terminal of enclosed adapter into DC jack of the main unit and connect AC plug to AC power supply.
- 3.Load 4x AAA size alkaline batteries at the back of the main unit for spare power supply.
- 4.It is best to put the main unit in a hidden place to avoid the intruder's damage.
- 5.When the left switch on the main unit turn to "OFF" the main unit power is shut off; when the switch turn to "ON" the indicator light of the main unit is on with an remind sound, which means the main unit power is on now.



B.Wireless siren with light

1.)indoor

Load 3x LR6 alkaline batteries and put it in an obvious place inside the house.



2)outdoor

Loose the screws, load 4x LR6 alkaline batteries and put it in an obvious place inside the house.



C.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 not more than 10mm.

D.Infrared sensor:

Load 4x LR6 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.



E.Operation

Switch on the main unit. Load the battery for all accessories. Press button OFF and operation begins when NO-SAVE is shown in the main unit.

1.Record

Press button REC and REC will be shown in the screen. Release the hand when indicating sound is heard to begin the record. The longest time for record is 10 seconds. Record is stopped when indicating sound is heard. The record will be heard from the alarm telephone when system is activated.

2.Set alarm telephone numbers

Press * to set alarm telephone numbers and they are shown in the screen. Press # and the numbers will disappear from the screen, which means the numbers have been stored in the system. For instance, if 13501234567 is an alarm number, press *13501234567#, and then this number is stored in the system. When one number is set, a serial number will be shown in the main unit. There are 6 groups of numbers maximally. These six numbers will be dialed automatically when system is activated as per the serial number from 1 to 6.

3.Cancel the alarm number

Press * and #, then indicating sound will be heard to identify that the set six alarm numbers have been cancelled.

4.Lock & unlock the keypad

Press button LOCK to lock the keypad; press button LOCK two times to unlock the keypad.

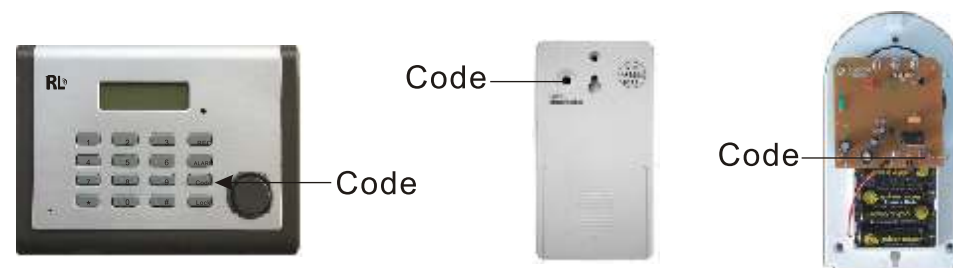
5.Operation instruction

1)ON & OFF the system

- a.Normal: switch the remote ON, one indicating sound from the main unit and wireless siren will be heard separately and SAVE will be shown in the screen. The system will be armed 30 seconds later. The alarm numbers will be dialed automatically when someone intrudes illegally from the window or door with magnet sensor or infrared sensor or enters the working range of infrared sensor if system is armed. Record will be heard. Wireless siren will alarm for 25 seconds with flashing light. Switch the magnet sensor RF+ALARM, it will also alarm 2 seconds after alarm from wireless siren with light to frighten away the thief.
- b.Emergency: press ALARM of remote to arm the system for emergency. The set six numbers will be dialed automatically as per serial number from 1 to 6. Wireless siren will alarm with flashing light.
- c.Answer the telephone: hang up the telephone or mobile and then other alarm numbers will be dialed continuously after one finishes answering the telephone and mobile and hearing the record. If there is no need to dial the other alarm numbers, press #.
- d.Monitor the site: press * to monitor the site. The longest time is two minutes. Press # to stop the dial and monitor.
- e.Disarm the system: switch the remote OFF to disarm the main unit and wireless siren with light, meanwhile indicating sound from them will be heard separately.
- f.Replace the battery
Lower power supply indicating lights of wireless siren and infrared sensor will work if power is not enough. Please kindly replace the batteries when LED light of infrared sensor is yellow and LED light of wireless siren flashes every five seconds.

6.Additional accessories

Load the batteries for needed accessories. Press CODE buttons of the main unit and wireless siren with light very quickly. Press CODE again and release the hand until one indicating sound is heard. If magnet sensor is added, switch it RF and then switch it OFF; if infrared sensor is added, face it to the human until indicating light turns on; if remote is added, press any key. During each operation, one indicating sound from the main unit and wireless siren with light will be heard separately. Two indicating sounds from them will be heard 40 seconds after operation is finished, which means that the added accessories is in working status right now.



7.Technical data

Main unit:

- Input volts: DC6V-9V
- Working current: <12 m A
- Receive frequency: 433.5MHZ-434MHZ

Infrared sensor

- Input volts: DC4.5V (AAx4)
- Standby current: <0.1mA
- Transmission current: <8mA
- Transmission frequency: 433.5MHZ-434MHZ
- Transmission distance: >50m (open area)
- Inductive distance: >5m (open area)
- Low voltage indication: $<3.1V \pm 0.1V$

Magnet sensor

- Input volts: DC4.5V (LR44x3)
- Standby current: <10 uA
- Transmission current: <8mA
- Transmission frequency: 433.5MHZ-434MHZ
- Transmission distance: >50m (open area)

Remote

- Input volts: DC12V (23Ax1)
- Standby current: 0
- Transmission current: <8mA
- Transmission frequency: 433.5MHZ-434MHZ
- Transmission distance: >50m (open area)

Wireless siren with light(indoor)

- Power volts: DC4.5V (LR6x3)
- Standby current: <600uA
- Alarm current: <170mA
- Alarm volume: >95 dB(within 0.5m)
- Receive frequency: 433.5MHZ-434MHZ
- Low voltage indication: $<3.1V \pm 0.1V$

Wireless siren with light(outdoor)

- Power volts: DC6V (LR6x4)
- Standby current: <650uA
- Alarm current: <200mA
- Alarm volume: >105 dB(within 0.5m)
- Receive frequency: 433.5MHZ-434MHZ
- Low voltage indication: $<3.6V \pm 0.1V$

8. Diagram

