

**Intelligent Auto Dial System**  
(dial automatically the number saved by householder)



**USER MANUAL**

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# Intelligent Auto Dial System

(dial automatically the number saved by householder)  
RL-0503C

## 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-0503c is easier to operate.
- RL-0503c 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.
- Settings and stored data will not be lost after power failure.
- Up to 38 sensors can be added to this system..
- Simple installation and usage.

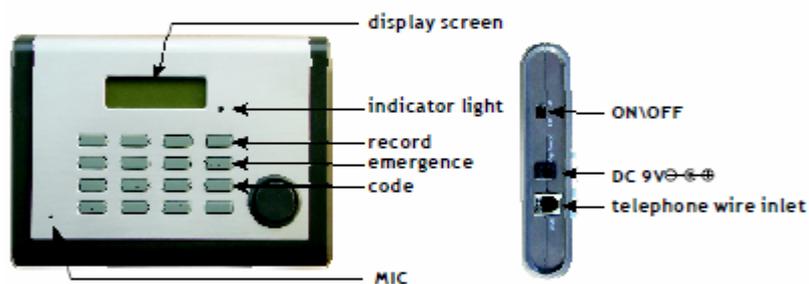
## 3) Accessories:

- One main unit
- One wireless siren with light
- One infrared sensor(with bracket)
- Two magnet sensors (enclosed 3x LR44 alkaline batteries per sensor)
- Two remotes
- One telephone line
- One adapter (9V 300 mA)

#### 4) System installation:

##### A. Main unit

- Connect one terminal of telephone line to the main unit and the other terminal to the telephone.
- Put DC terminal of enclosed adapter into DC jack of the main unit and connect AC plug to AC power supply.
- Load 4x AAA size alkaline batteries at the back of the main unit for spare power supply.
- It is best to put the main unit in a hidden place to avoid the intruder's damage.
- 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

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



### **C. Wireless siren with light**

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

### **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 not more than 10mm.

### **E. 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.

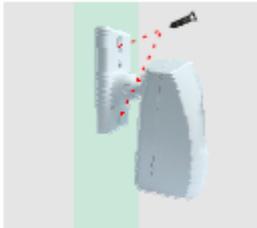
### **F. The installation of remote control**

Remove the battery isolator behind the back plate of the remote control to work.

### **G. 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.

- 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.
- 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.
- Cancel the alarm number  
Press \* and #, then indicating sound will be heard to identify that the set six alarm numbers have been cancelled.
- Lock & unlock the keypad  
Press button LOCK to lock the keypad; press button LOCK two times to unlock the keypad.



Remove battery isolator before use.

### 5) Operation instruction:

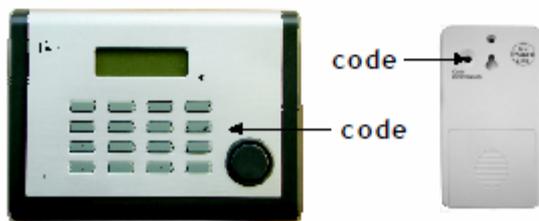
#### ON & OFF the system

- 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) Add the accessories:**

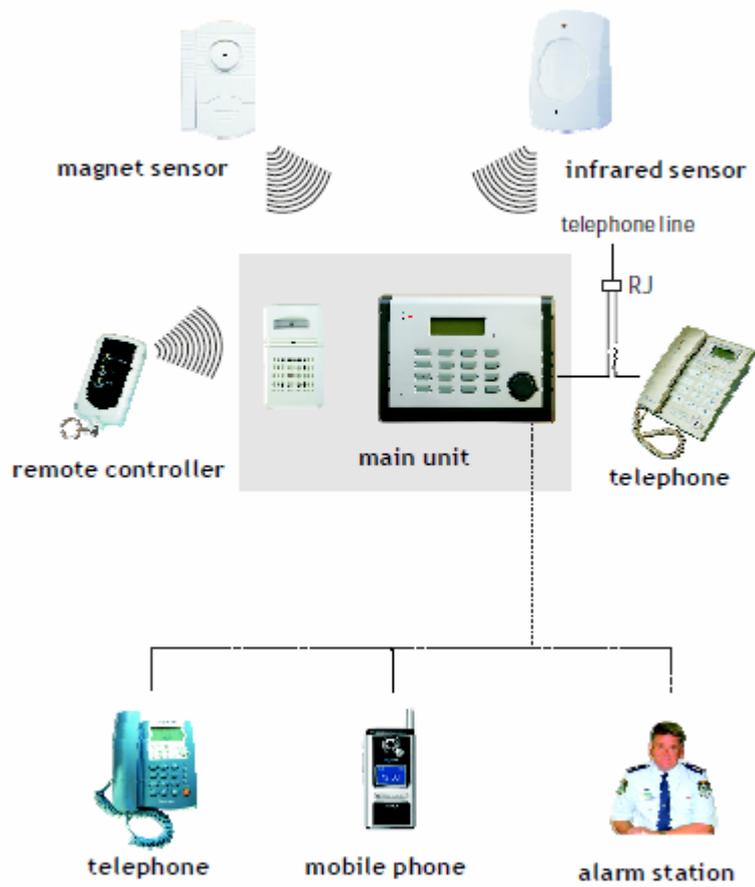
Load the batteries for needed accessories. Press CODE buttons of the main unit and wireless siren, one indicating sound from them will be heard. If magnet sensor is added, switch it RF, move magnetic bar and sensor close then separate them more than 10mm ; if infrared sensor is added, face it to the 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 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 mA
  - Receive frequency: 433.5MHZ-434MHZ
- Infrared sensor
  - Input volts: DC4.5V (AAAx3)
  - 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±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: DC12 (23Ax1)
  - Standby current: 0
  - Transmission current: <8mA
  - Transmission frequency: 433.5MHZ-434MHZ
  - Transmission distance: >50m (open area)
- Wireless siren with light
  - Power volts: DC4.5V (LR6x3)
  - Standby current: <600uA
  - Alarm current: <170mA
  - Alarm volume: >95 dB
  - Receive frequency: 433.5MHZ-434MHZ
  - Low voltage indication: <3.1V±0.1V

8) Diagram:



1. 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.

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

### Federal Communications Commission (FCC) Statement

This equipment has been tested. And it 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 and uses and radiates radio frequency energy and, if not installed and used in accordance with the instruction, 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.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

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.