

# User Manual

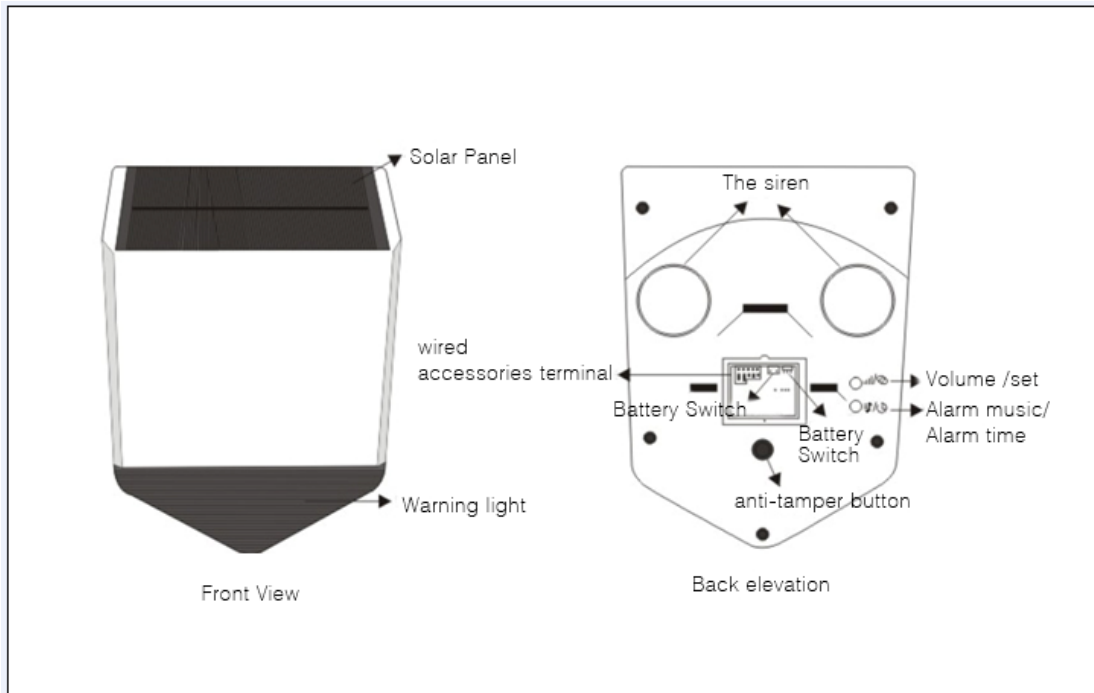
## 1. System Introduction

Integrated with wireless strobe siren and host, the system can not only be used as a wireless strobe siren, but also a stand-alone alarm host. The solar battery charging board can be recharged by itself to make sure continuous working the whole day. Host and detectors can be connected both wireless and wired. When the detector is triggered, the siren will loudly alarm and flash.

## 2. Function Features

- Fashionable and patented design
- Support wired, wireless linkage control, easy to install
- Smart and adjustable volume with 8 levels (including mute)
- 110dB super loud siren, blue flashing light
- EEPROM information protection, information never lost to ensure information security
- Outdoor solar siren with waterproof function and anti-tamper function
- Wireless intelligent study coding 1527, maximum support 20 pcs remote control and 40 pcs detector
- Built-in 3.7V/2200mAh backup lithium battery
- AC/ DC, twenty-four-hour ordinary guarding without interruption
- Solar power supply and solar power rechargeable

## 3. Description of Product appearance



## 4. System function


### 4.1 Turn on/off


Ac power on/off: No AC power button for the siren, insert the AC power socket, the siren “di” once and the warning light flash for 1 time, it shows starting up successfully, at the same time, the built-in battery recharge automatically. Disconnect the siren from the ac power socket or shut off the power socket, then the siren will power off and the warning light will not flash. (Under the condition of shut the battery recharge)

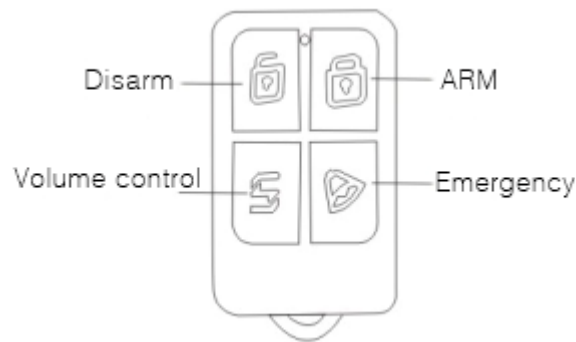
Battery power ON/OFF: The OFF/ON button is the power switch . In the case of AC disconnect, move the power switch to ON shows battery-powered, the siren “di” once, at the same time the warning light flash for 1 time, then starting up successfully. Move the switch to OFF shows not battery-powered, the siren will be power off, the warning lights are not flashing.

### 4.2 The Volume adjustment



The alarming volume of the siren can be shifted from 1 to 8, the volume changes from high to low, then from low to high, cycling constantly like this. The system default is the highest volume.

Adjustment method: short press  in the siren or S key in the remote control, the volume changes from high to low, then from low to high, cycling constantly like this. If the warning light flash for 1 time with lower-brightness, it shows the volume has been transferred to level 1; If the warning light flash for 1 time with high-brightness, it shows the volume has been transferred to level 0 (quiet).

Note: when the siren is alarming, short press S key in the remote control still can adjust the alarm volume; If short press  at this moment, it means disarming.




### 4.3 Learning accessories




Press and hold down  for 3 seconds, the siren will “di” once, at the same time the warning light brightens for long time. It shows enter the configuration mode; Then trigger the accessories you need to configure, to launch a signal, the siren receives the signal, "di di" twice, it means configured successfully. "di" once, it means repeated code, "di di di" three times, it means the siren has been configured and has reached saturation. If you want to exit the configuration mode, short press , the siren "di" once, the warning light out, it means not on configuration mode.

If on the configuration mode, without any operation for 20 seconds, then the siren will log out from the configuration mode automatically.

### 4.4. Alarm voice option

Short press , cyclically adjust 4 kinds alarm voices.

### 4.5. Alarm time adjustment

Press and hold down  for 3 seconds to enter alarm time adjustment page, then the warning light flash for long time, at this moment short press  and you can hear drop voice to remind alarm time setting, when you hear the beep for 1 time means the alarm time is 10 seconds, beep for 2 times show the alarm time is 1 minute, beep for 3 times show alarm time is 2 minutes, beep for 4 times show alarm time is 5 minutes. During adjusting alarm time, short press  for 1 time or 20 seconds and no other operation then it'll automatically log out and the caution light go out. Time setting is 1 minute in default.

### 4.6. Alarm siren and the caution light indication


When the siren is arming, the siren will beep for 1 time, the warning light flash for 1 time, and the warning light flash for 1 time every 15 seconds.

When the siren is disarming, the siren will beep for 2 times, the warning light flash for 2 times and the warning light flash for 2 times every 15 seconds.

#### 4.7. Low electricity remind

During the alternating current is disconnecting, for the alarm siren, if the battery voltage is under 3.6V, the caution light flash constantly to remind low battery and need to recharge or replace a new battery. When battery voltage is under 3.5V, the alarm siren turn off automatically.

#### 4.8. Restore to factory settings

On system set page, press and hold down  for 3seconds, the alarm siren will beep for 6 times, and log out, it shows the alarm siren [restore factory settings](#) successfully . All the setting items selected have been deleted. The alarm volume and the alarm time restore to factory default. Attention: After delete all accessories or the alarm siren re-up electricity, the alarm siren stay arming

### 5. Operation instruction as a wireless strobe siren

As wireless strobe siren, please pair coding and connect with the siren and wireless host before using. When trigger the alarm host, siren will alarm with loud sound and warning light flash to deter intruders.

#### 5.1. Pair coding setting with the host

##### 5.1.1. Pair coding

Press “SET” button 3 seconds, beep once and the light is on and the siren enters into Pair mode, and press “ARM” button of the host or trigger key of siren, beep twice means Pair coding successfully. If need to exit from Pair mode, press “SET” 1 second, beep 3 times, warning light off. If there is no any operation in 20 seconds during pairing, the device exits from pair mode automatically.

Notes: During pairing, please do not trigger any detectors.

##### 5.1.2. Test whether the pairing coding is successful

Press “Emergency” of the host, host alarm on, siren whistle on and warning light flashing which indicates studied successfully. If siren has no response, then study coding again.

After studying code successfully,

Host Alarm	Wireless sound and light alarm
Host Arming	Beep twice and flash twice
Host Reserve Arming	Beep twice and flash twice
Host Disarming	Beep twice and flash twice

Notes: some hosts can not send alarm signal and pairing coding with siren directly. In this case,

please use F8 transmitter.

## 5.2. Operation and pairing coding setting with F8 transmitter

### 5.2.1. Study coding with transmitter (F8)

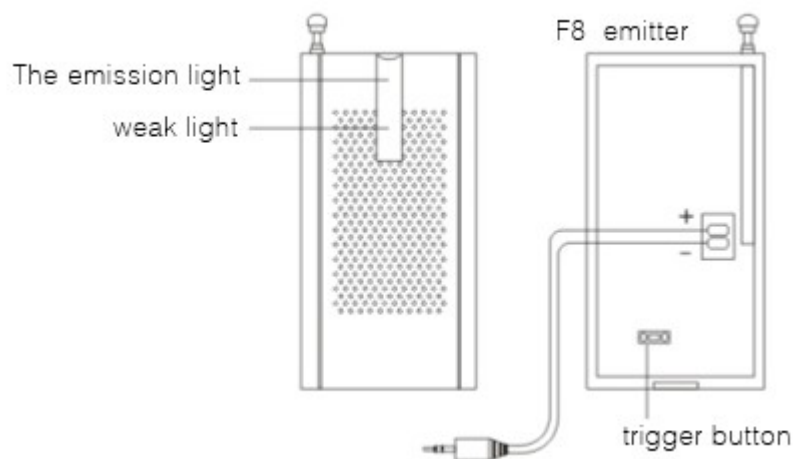
Firstly, Put the plug of transmitter F8 to the siren outlet of alarm host. In case of wired alarm system, need to cut off the plug of F8, connect red wire to positive pole and black wire to negative pole of wired alarm system.

Secondly, plug the siren to the socket, switch the battery to ON, enter into normal working state, press “SET” button 3 seconds, the device beeps once, light on and then enter into pairing mode.

Finally, open back cover of F8, press white “trigger” button, F8 transmitter led lights on and send the signal out, the siren beeps twice which indicates studying successfully. Press SJ1 “SET” button once, beep 3 times and alarm light off or wait 20seconds to exit from studying mode.

### 5.2.2 Operation between transmitter(F8) and strobe siren(SJ1)

After studying code successfully, press “TEST” button of F8, the indicator light will flash once and send a disarming signal to SJ1, then J009 beeps twice to response which indicates studying and wireless communication successfully. Put the plug of F8 into the siren outlet of the alarm host. When alarm host is alarming, the host will output DC to F8 from the cable and F8 will send an emergency signal to SJ1, and SJ1 will alarm with sound and flashing light. After the alarm host is disarmed, F8 will send disarming signal to SJ1, SJ1 stop alarming.




## 5.3.Delete all of wireless accessories

Press “SET” button 3 seconds, enter into studying mode, then hold “SET” 3 seconds, till beep 3 times and light flashing six times and then light OFF and then delete all accessories. Please study coding of relevant wireless accessory again if needed.

## 6. Operation Instruction as Stand-alone alarm host

When used as a stand-alone control panel, it can be connected with wireless accessories, and wired accessories to form an independent alarm system. When the siren is armed, it will ring when any detectors are triggered. At the same time the warning light will blink to warn and deter intruders.

### 6.1 Add Wireless Detectors

Long press  button for 3 seconds, the siren will beep once and the warning light is on, showing the siren in the learning state. Then press any key on the remote control or detectors, the siren receives the signal and beeps two times, indicating success in learning. Beep once indicates the accessories have been learned, Beep three times indicates that the siren is full.

Note: When adding wireless accessories, please do not trigger unrelated accessories

### 6.2 Test whether the Solar siren and the wireless accessories are connected successfully

Press [Arm] key of remote control, if the siren beeps once and the warning light flicker once, the learning is successful. Or trigger the detector in Armed state, if the siren alarms and the warning lights flash, the detector and Wireless Solar Siren are connected successfully. Otherwise the learning process of remote control and detectors is failed.

### 6.3 Add Wired Accessories

If the detector adapts normally closed mode, please connect it to NC and GND;  
If the detector adapts normally open mode, please connect it to NO and GND;  
SIREN + and SIREN- are connected to anode and cathode of wired siren respectively. When the Solar Siren alarm, wired siren will alarm simultaneously.

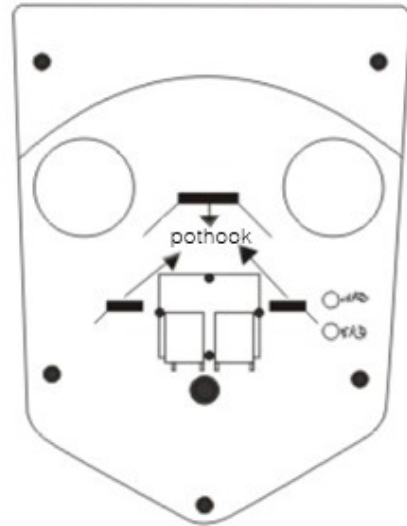
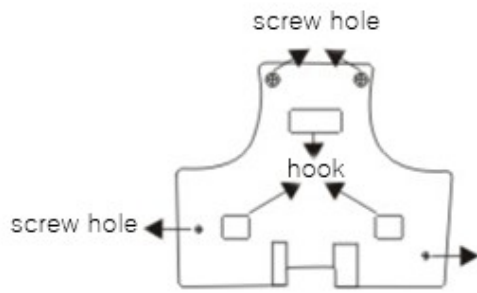
### 6.4 Test whether the Solar siren and wired accessories are connected successfully

Trigger detector in armed state. If the solar siren alarms and the warning lights flash, the connection is successful, otherwise the connection is failed. Please check the line and reconnect.

## 7. Installation

**7.1** Before installation, test whether solar siren test is working properly. The test method is as follows: Press [Arm] key of remote control, siren beeps once; warning light flickers once; and warning lights flicker every 15 seconds, indicating that solar siren is working properly.

**7.2** Choose installation location. Then fix the siren hanging plate to the position by screw.



**7.3** On the back of the solar siren, there is some hanging buckle. Align the hanging buckle to the hanging hook on the plat to complete installation.

## 8. System Technical Parameters

- Input Voltage: DC5V
- Built-in Battery: 3.7V/2200mAh
  - Volume: 8-level adjustable
  - Standby Current: <8mA
  - Alarm Current: <1000mA
  - Wireless Frequency: 433MHZ
  - Receive distance: 100m ( Open Space)
  - Alarm Loudness: 110dB
  - The longest time to alarm: 5 minutes
  - Working temperature: -20°C-50°C
  - Relative humidity: <80% ( No Condensation )