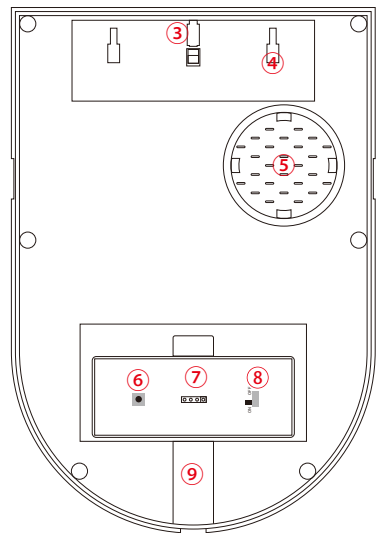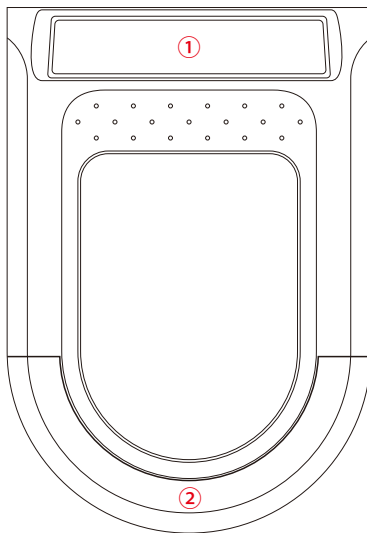# Solar Alarm System User Manual

Main Functions

1. Unplugged and Solar-Powered. Completely wireless connection, very easy operation.
2. It uses American brand Sunpower solar panel which can make the transform rate above 24%. It can be charged by weak light.
3. Built-in Lithium battery which can work constantly for 25 cloudy days.
4. Built-in 1,000,000 set of RF wireless code, safety and reliable
5. It use E^{2}PROM for data storage. It won't be lost even if power cutoff.
6. It can work standalone and code with 22 wireless sensors.
7. It can code with our alarm system panel, works as a wireless strobe siren.
8. It has Delay Armed function, Anti-tamper function.
9. Different alarm sound stands for SOS Alarm Zone, Fire Alarm Zone and Burglar Alarm Zone.

Product Profile

① Solar Panel
② LED Light
③ Anti-tamper Button
④ Installation Hole
⑤ Built-in Siren Hole
⑥ Code/Set Button
⑦ Factory Program Port
⑧ Power Switch
⑨ Wire Casing

LED Light Introduction

1. The LED light will flash per 8 seconds in standby status:
2. The LED light is continuously on in wireless coding status. It will flash twice if coding successfully and light off if failed.
3. The LED light will flash fast in Alarming status. It will flash when Armed and flash twice when Disarm.

Defense Zone Type (Only for Standalone Type)

Zone 1: code with remote controller or alarm system panel.
Zone 2: code with wireless sensor for SOS Alarm.
Zone 3: code with wireless sensors for Fire Alarm.
Zone 4: code with wireless sensors which work in Home Arm and Out Arm status.
Zone 5: code with wireless sensors which work in Out Arm status only.

Operating Instruction

1. Power on the siren, all LED lights will flash one time, and then the siren goes into standby status.
2. Coding : Press the "Code/Set Button" one time, siren makes a beep and makes another two beeps after 2 seconds The LED light will be on and the siren goes into wireless coding status. Trigger the alarm system control panel or any wireless sensor, siren will make 3 beeps and the LED light will flash twice. It means wireless code successfully.

Note:

- *Press the "Code/Set Button" two times to code with sensors for SOS Alarm.*
- *Press the "Code/Set Button" three times to code with sensors for Fire Alarm.*
- *Press the "Code/Set Button" four times to code with sensors which work in Home Arm and Out Arm status.*
- *Press the "Code/Set Button" 5 times means code with sensors which work in Out Arm status only.*
- *There is 20 seconds for user to code with sensor. You can press the "Code/Set Button" to exit during this period.*

3. Delete all coded sensors: keep pressing the "Code/Set Button" for at least 5 seconds, siren makes one beep and the LED light makes one flash, it means delete successfully.
4. Setting: press the "Code/Set Button" for 2-5 seconds, LED light is on, siren makes 2 beeps and goes into setting status.

Note:

- *Press "Code/Set Button" one time to set the siren 15 seconds Delay Armed.*
- *Press "Code/Set Button" two times to set the siren 30 seconds Delay Armed.*
- *Press "Code/Set Button" three to deactivate the Delay Armed function.*
- *It will exit Setting status and back to standby status automatically if there in no operation within 8 seconds.*

5. Works as a strobe siren with alarm system: when user set the alarm system Home Armed or Out Armed, siren will make one beep, the LED light will blink one time and the LED light will be on.

6. Works standalone:

   - *Siren will alarm (make sound and LED flash) immediately as long as press SOS button on remote control or trigger sensor in SOS Alarm zone and Fire Alarm zone.*
   - *User can use the remote control to set the system Out Arm/Home Arm/Disarm/SOS Alarm*
   - *Siren makes two beeps per 2 seconds when system is Delay Armed*
   - *When system is Out Arm Delay, trigger the sensor in Zone 4 and Zone 5 will cause the siren alarm immediately.*
   - *When system is Home Arm Delay, trigger the sensor in Zone 4 will cause the siren alarm (make sound and LED flash) immediately. Trigger sensor in Zone 5 won't cause the siren alarm.*

7. Siren alarming time is 2 minutes.

Technical Parameters

- Rechargeable Lithium battery: 3.7V/2200mA/H
- Solar Panel >200MA
- Static Current <4mA
- Alarm Current <200mA
- Sound Volume: 120db
- Radio Frequency: 433MHz or 868MHz
- Transmission Distance >100m (without obstacles)
- Working Temperature: -10℃~55℃
- Humidity: ≤80%RH
- Outer Case Material: ABS plastic
- Dimension: 56.5*180*260
- Net Weight: 540g

Installation