



## Acoustic Strobe Siren

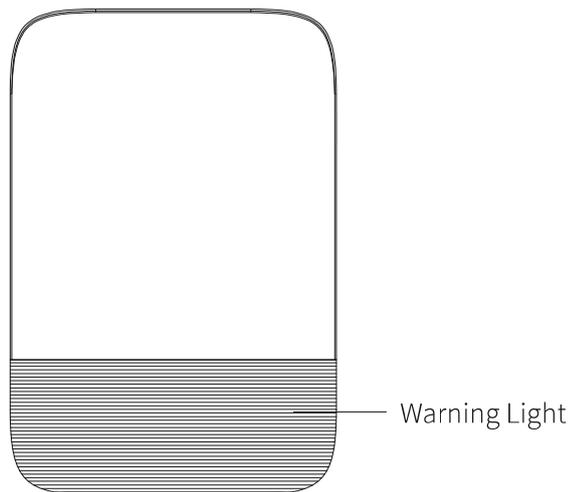
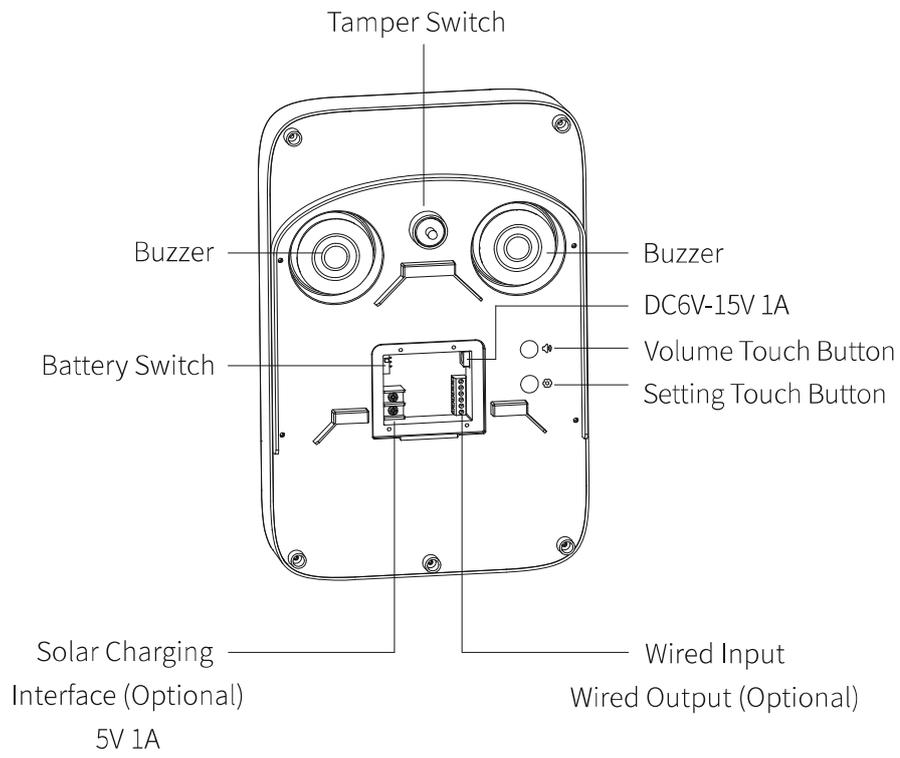
## **I.General Description**

Designed for alarm systems and emergencies, the acoustic strobe siren features two ultra-loud buzzers and a stylish design, aiming to enhance home security. Optional solar panel charging, wireless and wired connections, and more user-friendly features. Once triggered, it emits a loud alarm and strobe lights to deter intruders.

## **II.Main Features**

- Stylish appearance
- Wireless & Wired configuration
- Siren volume: 5 levels adjustable
- Alarm sound: 2 options available
- Waterproof & Tamper-proof
- Built-in 3.7V/5000mAh battery
- External power supply DC 6V~15V
- Optional solar panel charging
- Pairing records auto-save

### III.Appearance Design



## IV. Main Functions

### 4.1 Pair with Alarm System

- (1) Turn on the siren: Connect to the External power supply and Turn the battery switch to ON.
- (2) Press and hold the  Setting Button for 2s, all lights are on, and the siren is waiting for pairing.
- (3) Trigger the alarm host and send a signal
- (4) The siren will make a long beep after receiving the signal, and the warning light will stay on for 1 second, indicating that the pairing is successful.

#### Notice:

Up to 10 Alarm hosts can be paired

### 4.2 Reset Siren

Power on the siren and long press the  Volume +  Setting button for 5s (Within 10s after power on), the siren will restart, and the reset is successful.

### 4.3 Anti-dismantling Alarm

When the tamper switch is pressed and released after 10s, or when the siren is mounted on the wall, an alarm will sound if the siren is removed.

### 4.4 Siren & Warning Light Status

#### Away Arm:

The siren beeps 3 times, and the left and right LED lights are on

#### Home Arm:

The siren beeps 3 times, and the middle LED lights are on

#### Disarm:

The siren beeps 1 time, and all LED lights off

**Alarm:** The warning light keeps flashing

### 4.5 Low Battery Status

The siren beeps once every minute and the warning light flashes once.

#### 4.6 Wired Connection

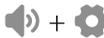
##### NC/NO Input:

When the siren is in the armed state and the wired zone is triggered, the siren will sound the alarm. If the wired zone is triggered in the disarmed state, the siren will not sound.

##### NC/NO Output (Optional):

After the siren alarms, the corresponding interface device will be triggered.

#### 4.7 Volume + Setting Touch Button Function

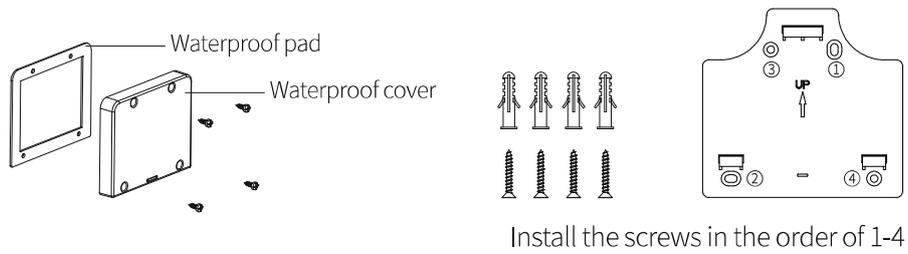
Button (Icon)	Operate	Function	Function details	Beeps & LED Light Flash (times)
 Volume Button	Short press	Set the siren volume	Mute	1
			60dB	2
			80dB	3
			100dB	4
			120dB (Default)	5
	Long press 2s	Set siren tone	Tone 1-2	
 Setting Button	Short press	Set Siren duration time	30s	1
			1min	2
			3min (Default)	3
			5min	4
	Long press 2s	Pair with alarm system	Pairing time 30s	Pairing successful: 1 time Pairing failed: 5 times
 	Long press 5s	Reset	Clear all pairing records, system reboot	1

##### Warm notice:

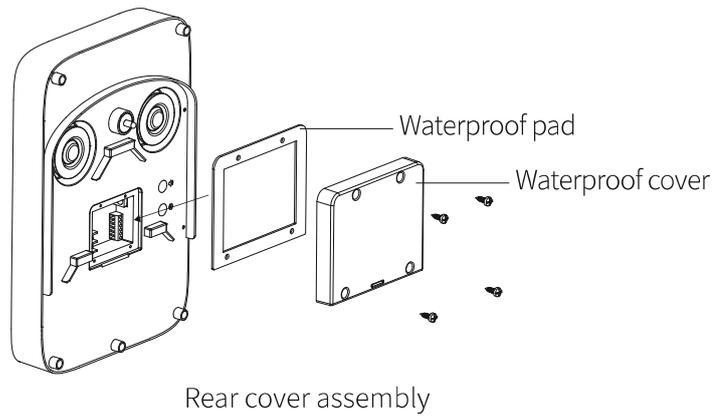
The touch buttons will automatically lock after 1 minute of inactivity, ensuring low power consumption and preventing accidental touches during daily use.

## V. Installation

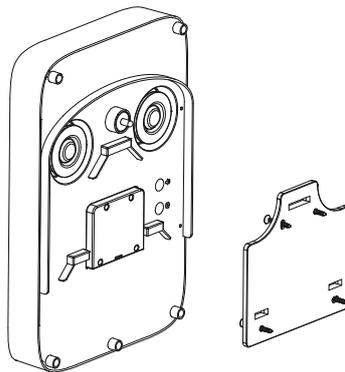
### 5.1 Parts List



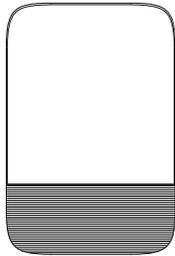
### 5.2 Install waterproof pad and cover



### 5.3 Fix the hanging plate to the wall with screws, and hang the siren on the hanging plate.



## VI.Specification



### 433MHz Version

**Power supply**

DC6V~15V 1A

**Built-in battery**

3.7V/5000mAh lithium battery

**Volume**

5 levels adjustable

**Tone**

2 options available

**Alarm time**

4 options available

**Input interface**

NC/NO

**Output interface**

NC/NO

**Standby current**

<10mA

**Alarm current**

<1000mA

**Wireless parameters**

433MHz, ev1527

**Receiving distance**

100 meters (open space)

**Siren volume**

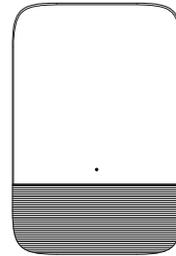
120dB

**Working temperature**

-20°C~50°C

**Relative humidity**

<95% (no condensation)



### LoRa Version

**Power supply**

DC6V~15V 1A

**Built-in battery**

3.7V/5000mAh lithium battery

**Volume**

5 levels adjustable

**Tone**

2 options available

**Alarm time**

4 options available

**Input interface**

NC/NO

**Output interface**

NC/NO

**Standby current**

<10mA

**Alarm current**

<1000mA

**Wireless parameters**

LoRa

**Receiving distance**

500 meters (open space)

**Siren volume**

120dB

**Working temperature**

-20°C~50°C

**Relative humidity**

<95% (no condensation)

