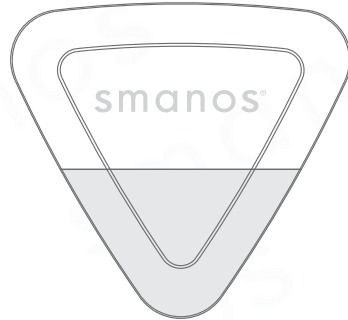


# smanos®

## Wireless Outdoor Strobe Siren

## SS2800

User Manual

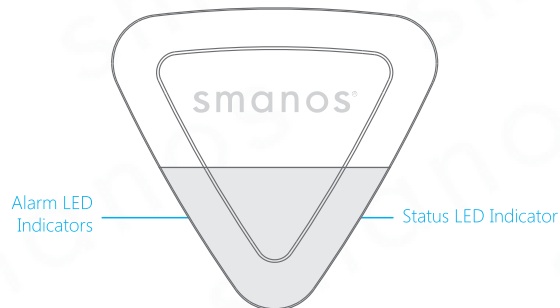


### Introduction

Wireless outdoor strobe siren is to deter the intruders through hooting once it receives wireless signal from connected control panel or sensors. More wireless strobe sirens could be connected to the same control panel to strengthen the deterring effect. When the siren is connected to control panel as an accessory, it will hoot and its LED lights will flash once the system is triggered. When the siren is connected to accessories like remote control, door/window contact, and PIR motion detector, etc. as a standalone alarm control panel, it will hoot and its LED lights flash once any sensor is triggered.

### Product Overview

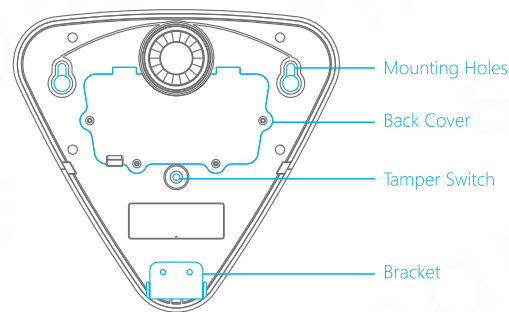
#### Front View



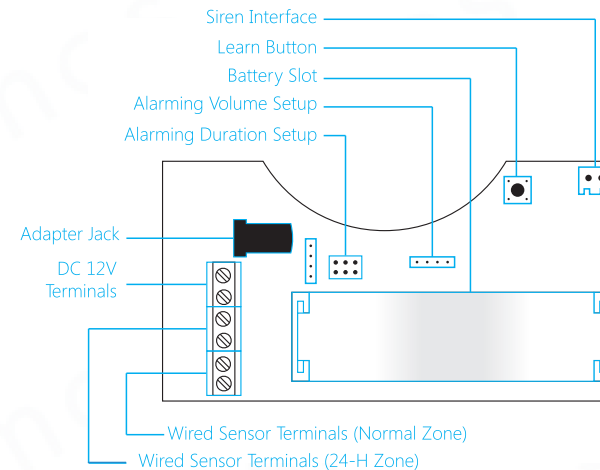
#### Status LED Indication

Status	LED
Arm/Home Mode	Flash once every 5 seconds
Disarm	No light indication
No disarm operation after alarm	Flash once every 2 seconds for 2 hours

#### Rear View



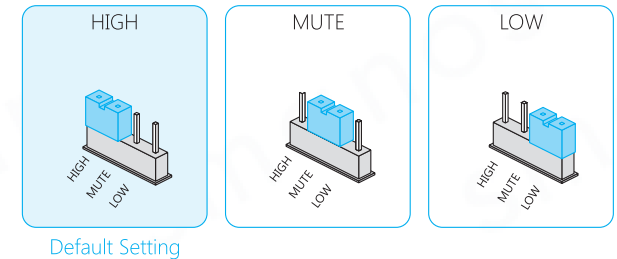
#### PCB Layout



### Jumper Setup

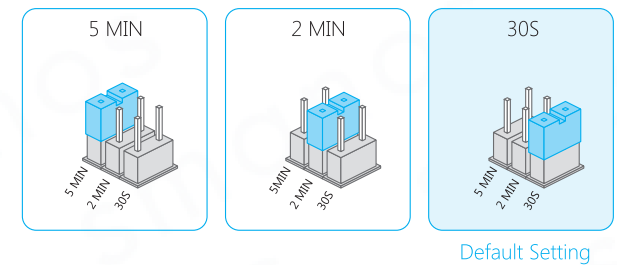
Please setup alarming volume and alarming duration time on the PCB board accordingly.

#### Alarming Volume Setup



**Note:** When the siren is connected to control panel, it will hoot at the pre-set volume even if the control panel is set to mute alarm. This is to alert the neighbors and avoid the intrusion. When the control panel is set to mute disarm/arm, the siren will be disarmed/ armed mutely. When the siren is set to mute mode, there are still tones for arming and disarming.

#### Alarming Duration Setup

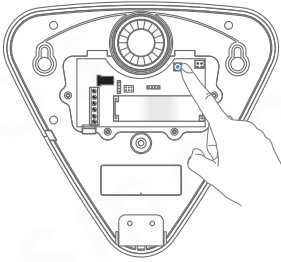


### Work as Wireless Siren

When it works as a wireless siren, it should be connected with wireless control panel in advance. When the control panel is alarming, it hoots and the strobe light flashes to deter illegal intruders.

## Connect to Control Panel

Press the learn button for 0.5 second, siren beeps once and enter connection status. Press [SOS] or [Arm Ⓜ] on the panel, the wireless siren and control panel are connected successfully after one beep is heard from siren.



**Note:** Once the siren is in connection status, please press learn button again to exit. One beep will be heard from siren.

When connecting to control panel, please don't trigger any other sensors to avoid interference.

## Disconnection

Hold the learn button till 2 beeps are heard to disconnect the siren and control panel.

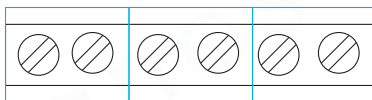
## Work as Standalone Alarm Panel

When it works as a standalone alarm panel, it should be connected with wireless sensors or wired sensors in advance, when the intrusion is detected, it hoots and the strobe light flashed to deter illegal intruders.

**Connect with accessory:** press the learn button on the siren and trigger the accessory once, the connection is successful after one beep is heard from siren.

## Wired Terminals

The siren has terminals for power supply and wired sensors. Just connect the power line or wired sensors to the hardwired terminals. Please make sure the positive and negative are distinguished.



-DC12V+    24-ZONE    ZONE

**Power:** DC 12V Input

**Zone (normal zone mode):** Once the detector in normal zone mode is triggered, the system will alarm immediately.

**24-Zone (24-H zone mode):** Once the detector in 24-H zone mode is triggered, the system will alarm immediately, no matter what circumstances the system is in. Smoke detector, gas detector, and IR beams are set in 24-H zone mode.

## Installation Mode

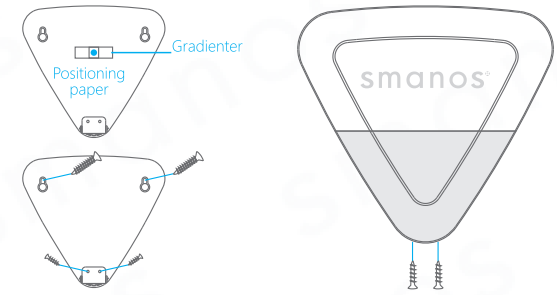
Installation Mode is set for users to dismount or remount the siren without triggering the tamper switch. Thus not to disturb other people.

- ① Press [Disarm Ⓜ] button on the remote control continuously for 3 times, then the siren comes to installation mode after a long beep is heard. Any sensor or tamper triggered during installation mode will not result in siren hooting but 3 beeps will be heard instead.
- ② Press [Arm Ⓜ] button, the siren will exit from installation mode after a long beep is heard. Or the siren will exit from installation mode when no operation is carried out within 10 minutes.

## Installation

Please finish all the system setup on the PCB and enter into installation mode before installation.

- ① Hold the positioning paper in right place, stick the gradienter on the positioning paper to check and adjust the position.
- ② Install two screws into the top screw holes.
- ③ Mount the bracket into the bottom screw holes and tighten with screws.
- ④ Tear off the positioning paper.
- ⑤ Mount the siren to the wall, tighten the screw and make sure the siren is well positioned.



## Enter Connection Status Through Remote Control

This function is set for users to connect newly-purchased accessories without dismounting the siren from the wall.

When the siren is in installation mode, press [Home Arm Ⓜ] on the remote control continuously for 3 times, then the siren comes to connection status after a long beep is heard. The siren will exit from connection status when no operation is carried out in 15 seconds.

## Specifications

**Power Supply:** DC 12 V 500 mA

**Backup Battery:**

18650 3.7 V 1200 mAh rechargeable lithium battery

**Maximum Alarm Current:** <350 mA

**Static Current:** <15 mA

**Wireless Receiving Distance:** <80 m (in open area)

**Operating Condition:**

Temperature: -10 °C~+55 °C

Relative Humidity: <80% (Non-condensing)

**Maximum Siren Volume:** 105 dB

**Battery Standby Time:** <48 hours

**Radio Frequency:** 868 MHz or 915 MHz

**Housing Material:** PC+ABS, ANTI-UV

**IP Rating:** IP 65

**Dimensions (L×W×H):** 245.2 × 227.5 × 72.4 mm