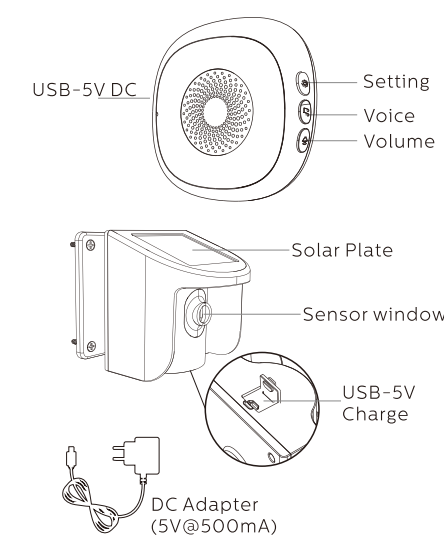


版本号: _____

存档编码: _____

Wireless Solar Motion Sensor Kit User Manual



Product Introduction
STECHRO wireless solar driveway alarm uses digital dual-core fuzzy logic infrared control processing technology and intelligent analysis algorithms to effectively distinguish interference signals from human movement signals to prevent false alarms. It's power saving, safety, environmentally-friendly, and easy-installed, create an expendable safe perimeter anywhere is ideal for homes, worksites, businesses, or the properties with no fencing.

Package List
Receiver(hub), Sensor, Sensor base, User Manual, Warranty Card, Screws, DC Adapter(5V@500mh)

Features

- * solar power support
- * 2000mah rechargeable Lithium battery back-up
- * 4 detecting zone & pairing sensor
- * 5 adjustable volume
- * 4 alarm mode(defense zone sound/music+partition voice/alarm voice/mute mode)

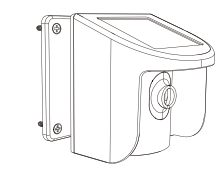
Operating Instructions

Button Press

- Short press < 3s
- Long press > 3s

3XAAA batteries/DC5V(USB-5V)

Select ringtone and turn on/off Hub

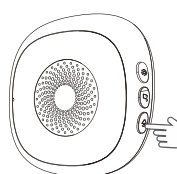


2000mAh rechargeable lithium battery (built-in battery) back up

* Short press: select the host voice (three kinds of voices: defense zone sound, music + partition voice, alarm voice.)

* Long press: Turn on and turn off the host. Turn on: 4 LED indicators flash quickly 2 times with 2 beeps. Turn off: 4 LED indicators flash quickly once with 1 beep.

Setting the Volume

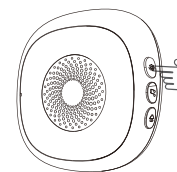


Short press to adjust the volume of voice (mute mode only display led flash)

Note: The volume changes to the largest automatically every time after the receiver is power on.

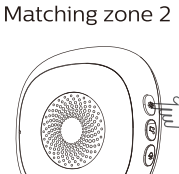
Host and Sensor Matching

Matching zone 1



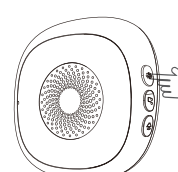
① Long press, host beeps "one"

Matching zone 2



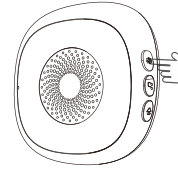
① Long press, host beeps "one"
② Short press 1 time, host beeps "two"

Matching zone 3



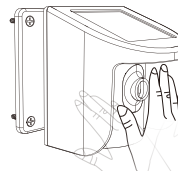
① Long press, host beeps "one"
② Short press 2 times, host beeps "three"

Matching zone 4



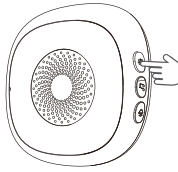
① Long press, host beeps "one"
② Short press 3 times, host beeps "four"

Delete Matching sensor on each zone



③ Wave hand to sensor window until host beeps "DIDI" twice Zone 4 matching activated.

Delete Zone 1



① Long press setting button, host beeps "one" (blue led indicate zone 1)
② Long press setting button, host beeps "DIDI" Done!

Delete Zone 2

① Long press setting button, host beeps "one" (blue led indicate zone 1)
② Short press setting button once, host beeps "two", blue led indicate zone 2
③ Long press setting button, host beeps "DIDI" Done!

Delete Zone 3

① Long press setting button, host beeps "one" (blue led indicate zone 1)
② Short press setting button twice, host beeps "three" (blue led indicate zone 3)
③ Long press setting button, host beeps "DIDI" Done!

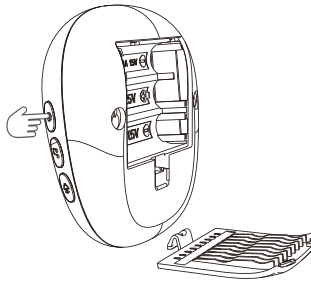
Delete Zone 4

① Long press setting button, host beeps "one" (blue led indicate zone 1)
② Short press setting button three times, host beeps "four" (blue led indicate zone 4)
③ Long press setting button, host beeps "DIDI" Done!

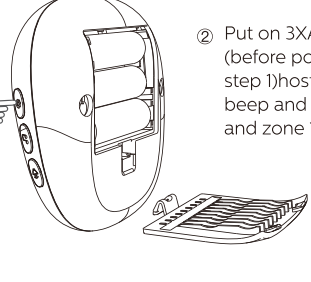
Note: Only two PIRS can be paired in each defense zone of the host; the host will drop out the pairing state without any operation in the 20s when the host is paired with the detector.
Note: The host has a voice prompt when the detector is triggered. After the voice prompt ends, the indicator light of the defense zone will remain on for a long time to remind the user that someone has triggered the detector in the area.

Reset: delete all sensors from host

① Press and hold when power off



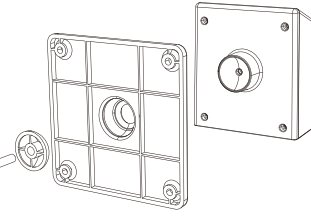
② Put on 3XAAA battery (before power on keep step 1) host will continue beep and flash 10 times and zone 1 flash quickly



③ Reset done!

Installation for sensor

① Tighten the large screw until sensor stays in place when repositioned.

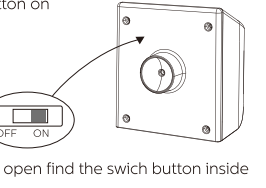


② Mount sensor horizontally on solid surface 3-5 feet (1-1.5m)

③ Rotate/swivel sensor to adjust the ideal direction

2-Level Sensitive Adjustment

① Find the working button on switch off and on.



open find the switch button inside

② Chose your ideal detecting sensitivity.

SWITCH 1

ON	Detection LED on
OFF	Detection LED off

SWITCH 2

ON	20 Feet(6m) Detection Range
OFF	40 Feet(12m) Detection Range

Note: This adjustment need to open the sensor. The ON and OFF of switch 1 is to decide whether to turn on the LED and flash once when the detector detects a person or a vehicle passes by.

Low battery reminder

The host power prompt
The host announces "Low Battery" when the battery voltage is lower than the specified value. after the host enters a semi-sleep state. The host announces "Low Battery" when the host triggers a key on the host, this state reminds the user to replace the battery or use USB power supply.

The detector power prompt
The LED flashes three times when the battery voltage is lower than the specified value, low voltage prompt, use USB-5V to charge or replace the battery ASAP.

Technical parameter

Technical parameters of the host
Working voltage: external USB-5V DC power supply / 3XAAA Battery
Shutdown current: <140uA
Standby current: <13mA
Working current: <200mA
Receiving frequency: 433MHz (FSK)
Receiving distance: 2000ft/600m (open space)

Technical parameters of PIR
Working voltage: USB-5V / 3.7V 2000mAh rechargeable lithium battery (built-in battery)
Quiescent current: <25uA
Alarm current: <45mA
Charging current: <400mA
Battery life: 1 year
Detection interval: 5s
Detection distance: 20-40ft (6/12m)
Detection angle: 90 degrees

Working temperature: 14~122°F / -10 °C ~ + 50 °C
Outdoor use: outdoor rainproof (IPV44)
Ambient temperature: maximum 95% RH (no condensation)
Installation height: 3.2-6.5ft/1-2m (vehicle), 6.5-13ft/2-4m (human body)
Transmission frequency: 433MHz (FSK)
Launch distance: open distance is not less than 2000ft/600m

Note:
1. Keep host away from metal objects. Do not mount PIR motion sensor in direct sunlight, near moving tree branches, or in the path of sprinkler system. Ensure host is in clearest possible sight of the PIR motion sensor. The less objects between the devices, the longer the range.
If you have product issue or want to activate the validity pls contact us for service
E-mail: stechro@stechroservice.com

展开尺寸: 560*100mm
 单页尺寸: 70*100mm
 材质: 120g双铜
 颜色: 单色
 折成风琴折页样



品牌	彩盒物料编码	绘制日期	文件要求		
图纸名称	Wd5+SP862英文说明书	公差说明	长	宽	高
尺寸	70*100mm		0-2mm	0-2mm	0-2mm
材质	120g双铜	印刷要求	部门审核	需求部门签字	总经理签字
	类型				
	软件版本				
	比列	原文档 1:1 做			
	绘制人				

FCC Statement

This equipment has been tested and 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, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.