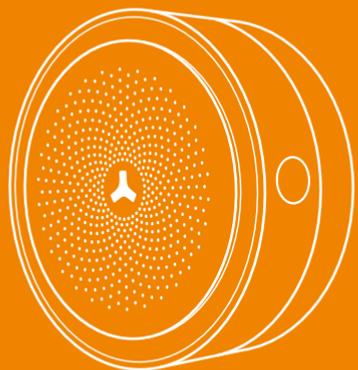


# SP-R01 (PLUS) Wireless RF Repeater User Manual



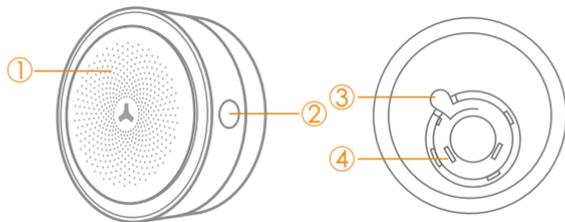
## Description

SP-R01 (PLUS) is a wireless repeater that extends the range of RF devices. It is in elegant design and easy to install. It eliminates the needs to upgrade to a larger alarm control panel that supports two receivers. Its for installation that requires extended RF range with good stability, high receiving sensitivity, longer transmitting distance and anti-interference. The replaceable plugs is more flexible to meet different customers' needs.

## Features

Extends the range of wireless devices  
Receives alarm, status and control messages from accessories, and repeats these messages to the control panel  
LED circle in 3 different colors indicate the alarm current status for arming/disarming...  
One single touch to turn on/off the LED indicator  
Replaceable plug, more flexible to change  
Back up battery for 12 hours when power lost

## General View/LED Indication



### 1.LED Indicator

Red LED Flashes Once : Enrolling

Green LED On : System disarmed

Green LED Flashes Once: Transmitting wireless signal

Blue LED On: System armed in away mode.

Blue LED Flashes: System armed in stay mode.

### 2.Enroll/Testing Button

### 3.Plug Handle

### 4. Interchangeable Plugs

## Specification

Voltage: DC100-240V 50/60HZ

Max Current: 20mA/220V

Power Rating: ≤5W(220V)

Back-up Battery: 3.7V/600mA

Receiving Distance: 100M

Transmitting Distance: 500M

Housing Material: ABS plastic

Plus Type: EU/US/UK/AU

Operation Condition: -10°C~55°C

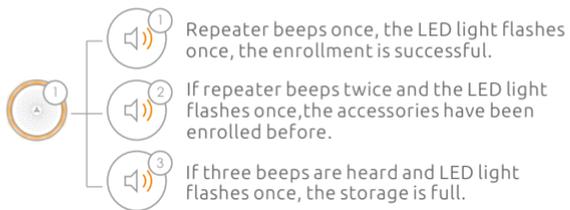
Size:Φ80 x 41.7mm

## Button Operation

Function	Opcration	Status
Turn On Repeater	Press Enroll Button for 3 seconds	The repeater beeps once, the LED indicator light up in green color.
Turn Off Repeater	Press Enroll Button for 10 times	The repeater beeps once, the LED indicator blacks out.
Turn On/Off LED Indicator	Press Enroll Button for 5 times	The repeater beeps once, the LED indicator blacks out or light up.
Enters into Enroll State	Press Enroll Button once	The repeater beeps once, LED indicator light up in red.
Delete Enrolled Wireless Accessories	Press Enroll Button for 5 seconds	The repeater beeps once.
Turn On/Off Siren Sound	Press Enroll Button 3 times	The repeater beeps once, the LED indicator blacks out or light up.

## Enrollment

1. Press the enroll button of RF repeater, one beep is heard and the LED lights up in red to enter into enrolling status ( Press again the Enroll Button within 30 seconds to exit enrolling state.)
2. Enroll the alarm control panel by triggering its enroll button or tamper switch.  
Enroll the accessories by triggering, for example, pressing any button of remote control, depart the transmitter and magnet of door sensor etc.



Note: Accessories which already connected with control panel also need to pair with repeater.

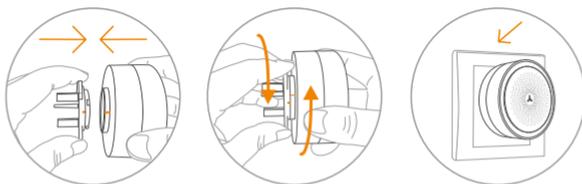
## Delete Enrolled Wireless Accessories

Press and hold the enroll button for 5 seconds until one beep is heard. All enrolled wireless accessories will be deleted.



## Installation

Fix the the plug on detector properly by rotating.  
And then power it on.



## Notice:

1. The back-up battery only for emergency use, AC power should be the main supply.
2. Do not hit or drop the repeater in case of damage component inside.
3. The strobe siren should be tested regularly, so that all fault can be fixed in time.
4. Do not install the device lower than 1.2 m .
5. Each accessory and the control panel can not be too close, otherwise it will effect the transmitting.