

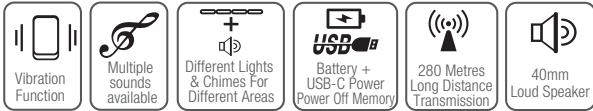
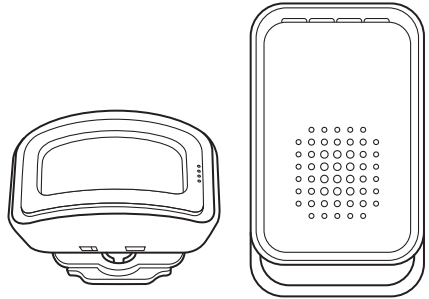
4202000931

Wireless Welcome Doorbell Motion Sensor Alarm / Chime / Alert

SF20R PRO (Receiver)

WLS10 PRO (Infrared Curtain)

Instructions



Note: Pictures for reference only, subject to our available products.

FCC Warning

This device 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.

Note: 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

Product Feature

- Enhanced version of the split motion sensor, it is more valuable to buy and more enjoyable to use.
- 4 different areas are recognizable by the lighted quadrant on the receiver or by the different ringtone.
- Multilingual welcome voices, dog barking, siren alarm, music and other high-definition prompt sounds. A variety of options for a variety of scenes.
- Added silent and strong vibration reminder, more privacy and no disturbance.
- The 4th version of power-saving technology, reduces the trouble of changing batteries.
- Alkaline battery and USB-C power supply available, power off memory, more convenient.
- Flexible use and multi-purpose. Receiver can add up to 32 transmitters like PIR sensor, magnetic sensor and doorbell button etc, And can add up to 8 remotes.
- 280m long wireless range in open areas, suitable for larger hours and higher floors.

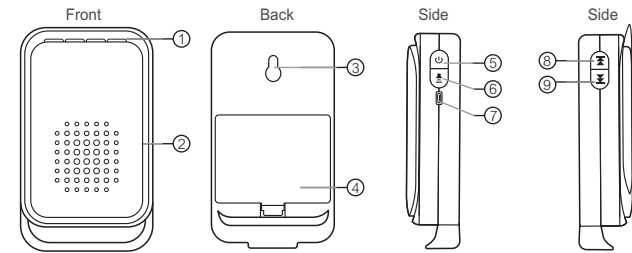
Application suggestion: suitable for all kinds of stores, shopping malls, offices, factories, hotels, high-end clubs, houses, villas etc.

The data in the details come from the laboratory of king-serry or the laboratory of the certified company, and may be slightly deviated due to different objective conditions.

1. Product Instruction

1.1 Receiver

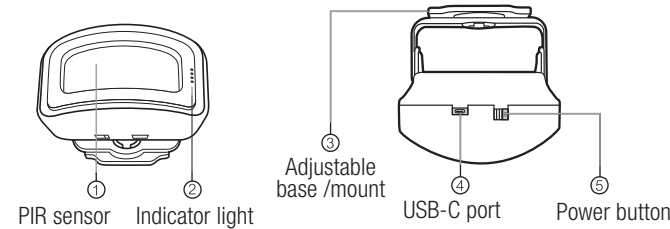
Figure 1



- ① 4 color LEDs
- ② 40mm loud speaker
- ③ Hanging hole
- ④ Battery cover
- ⑤ On/Off button
- ⑥ Volume button
- ⑦ USB-C port
- ⑧ Backward button
- ⑨ Forward button

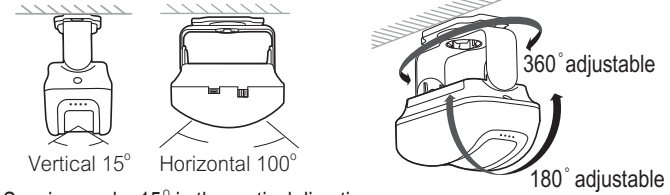
1.2 PIR sensor detector

Figure 2



(PIR detector installation)

Figure 3



Sensing angle: 15° in the vertical direction
100° in the horizontal direction,
Sensing distance: 2 ~ 8M (affected by ambient temperature)

1.3 Remote controller (optional)

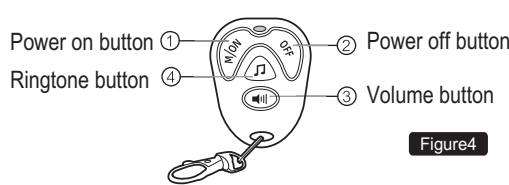


Figure4

2. Function and Use

2.1 Battery and Power

2.1.1 Install 3 AAA alkaline batteries into the detector, and install 3 AA alkaline batteries into the receiver. Please pay attention to the battery polarity.

2.1.2 Once the receiver is powered on, the colored lights will be on, and the receiver makes a "du" sound, and then rings the power-on prompt tone to indicate it enters the power-on state. Once the PIR detector is turned on, the LED indicator light will breathe about 5 times, and it needs warm up for about 15 to 20 seconds before it can be used.

2.1.3 It is recommended to use alkaline batteries, other batteries will shorten the standby time and the sound will become quieter. Also you can use the USB-C power supply for power supply. The battery power will be automatically disconnected if you plug power supply and reconnected in the event of a power outage.

2.2 Installation Position

2.2.1 It is recommended to install the PIR detector on the ceiling or side wall of where the people entrance and exit. If it is used for anti-theft, please install it in the aisle where thieves can easily invade. Screw mounting is recommended, the stickiness of double-sided sticker installation will be affected by the installation surface material, smoothness, flatness, moisture and other factors, and please understand double-sided sticker installation may loosen and fall off due to factors such as aging, vibration, repeated pasting, battery replacement, and other external forces.

* This device passively detects the change of the infrared signal released by the surface temperature of the human body at about 34 degrees, please refer to (Figure 3) to adjust the direction of the PIR detector.

* This device indoor use only, please do not install it in a place exposed to direct sunlight or rain. And in order to reduce false alarms, it should be installed away from air-conditioning ports, fans, air vents and any places with large temperature changes and great interference.

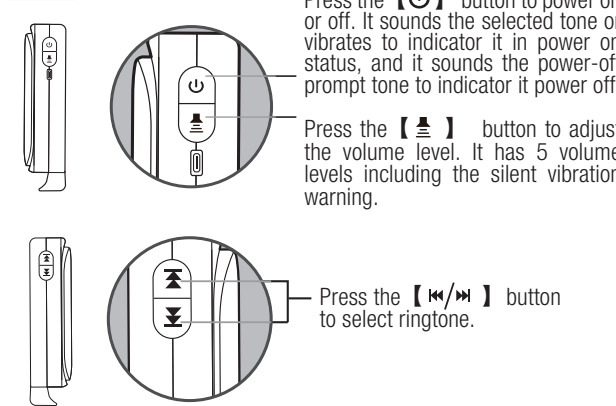
2.2.2 The receiver is recommended to be placed on the desktop, which is convenient and flexible to move. It can also be mounted on the wall with screws.

2.2.3 Before finished installation, please test the wireless transmission distance between receiver and detector, and test the detection angle of the detector, repeated test to ensure that people can be detected when people enter from different positions of the door, and it can trigger the receiver.

2.3 Use and operation

2.3.1 Please know receiver and PIR sensor have been paired when you received.

Figure 5



2.4 Add PIR detector

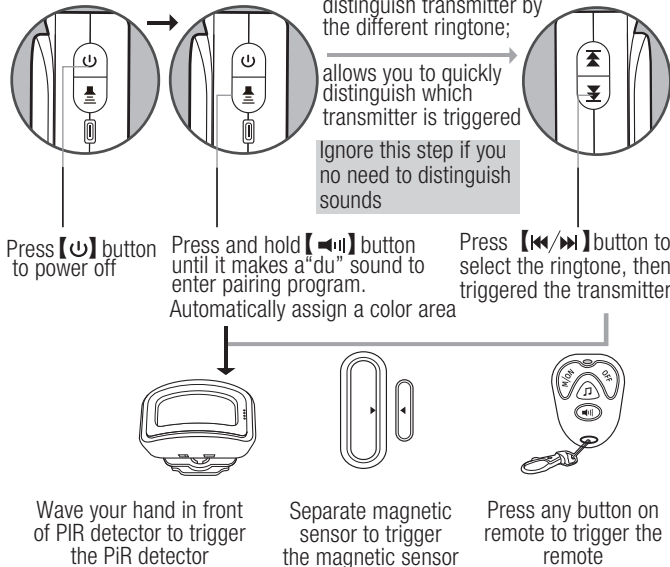
(PIR detector/magnetic sensor/doorbell button/remote)

You can add more PIR sensors/magnetic sensors/doorbell buttons/remotes. See figure 6 about how to pair

Note: Receiver has 4 different color zones, each color zone can program up to 8 transmitters. So one receiver can add up to 32 transmitters. If current color zone over 8 transmitters, the latter transmitters will cover the former. When transmitter is triggered the corresponding color will flash, it allows you to quickly distinguish which transmitter is triggered. One receiver can add up to 8 remotes. If over 8 remotes, the latter remote will cover the former. Remote does not occupy color zones, ignore the receiver indicator light color when pair with remote.

Figure 6

General pairing method



Pairing method of selected ringtone

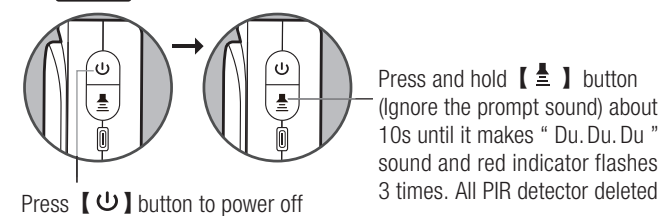
If you add more PIR detector, you can distinguish transmitter by the different ringtone; allows you to quickly distinguish which transmitter is triggered. Ignore this step if you no need to distinguish sounds

Triggered the transmitter for pairing, then the receiver's LED light flashes once and it makes "du" sound to instate the successfully pairing. Only one transmitter can be paired at a time. The next time pairing, the indicator light will light up in the next color, the color order is red→green→blue→white. When re-pair the paired PIR detector, the color zone will not change, but the ringtone can be changed.

2.5 Delete all PIR detector

Operation with cautious!

Figure 7



Press and hold [] button (Ignore the prompt sound) about 10s until it makes " Du. Du. Du " sound and red indicator flashes 3 times. All PIR detector deleted.

Press [] button to power off

3. Low Battery Alert

3.1 If PIR detector battery is low, the PIR detector indicator light flashes every 3 seconds, replace new alkaline battery in time.

3.2 If receiver battery is low, it makes low battery alert when power on or ringtone switch, replace new battery in time; If receiver battery is very low, all functions will not work but makes low battery alert, replace new battery in time.

3.3 Replace remote's battery if wireless range is reduced or indicator light is dark.

4. Technical ParaMetress

- 4.1 Receiver: 3 AA alkaline battery or USB-C power supply
- 4.2 Receiver battery life: about 5~7 months (30 times per day)
- 4.3 PIR sensor detector: 3 AAA alkaline battery or USB-C power supply
- 4.4 PIR detector battery life: about 5~7 months (30 times per day)
- 4.5 Transmitting and receiving frequency: 433.92MHz
Operating Frequency Band: 433.05 ~ 434.79 MHz
Maximum Radio-Frequency Power: < 10 dBm(10mW)
- 4.6 Volume: 80~96dB
- 4.7 Working temperature: Receiver : -10 C ~ +60 C
PIR detector: -10 C ~+33 C
- 4.8 Working environment humidity: <95%
- 4.9 Storage temperature: -20 C ~ +70 C

5. Warranty Service

Thank you for purchasing our products. This device is an excellent product that meets international standards. Please use it with confidence. Please keep this card. Within 1 years after the date of purchase, we provide free warranty service for any damages caused by manufacturing process, technology and components that are confirmed by the our maintenance customer service team.

You cannot get free services in the following cases:

1. Exceeding the valid warranty service or free maintenance period.
2. Man-made damage caused by improper use, such as improper installation, use not in accordance with the instructions, damage caused by wrong use, etc. Damage caused by transportation or other accidents. Other damage caused by force majeure (such as natural disasters, abnormal voltage, etc.).
3. The normal use of the product is aging, worn, etc., but does not affect the normal use of the product.
4. Any faults and damages caused by non-product design, technology, manufacturing, quality and other issues.