

Wireless Welcome Doorbell Motion Sensor Alarm / Chime / Alert

SF20R (Receiver) WLS10 (Infrared Curtain)

Instructions

Features

- Shop Keeper in day time, anti-theft in the night, welcome / doorbell / alarm / color lights / lighting 5in1 multi-function.
- Remote transmission range up to 280M / 916ft in the open space.
- 8 channel music chip, 40mm big horn, 36 chime melodies, remember your last set melody and volume level once powered off.
- Colorful LED lights, adjustable brightness, distinguish multiple entrances by different colors.
- 4 stages adjustable volume (Low/Middle/High) from 113-25dB.
- Receiver can learn from up to 32 wireless sensors like PIR motion, magnetic or vibration sensor as well as up to 8 remote controllers.

Application: shops, Commercial Complex, Luxury hotels, offices, factories, homes, villas, driveways, waiting rooms, Supermarkets, restaurants etc.

FCC

8-ch chip

LED

Color light

280 meters

113dB alarm

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 the 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 maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator your body. Use only the supplied antenna.

1. Description of Structure

1.1 Infrared Curtain (Transmitter)

Sensor angle: Horizontal 100°, Vertical 15°, Vertical 15°
Sensor range: 2 ~ 8M varies from occasions

1.2 Receiver

1.3 Remote controller (optional)

2. Function Description

2.1 Batteries and Power

2.1.1 3*AAA alkaline battery for PIR Transmitter, 3*AA alkaline battery for Receiver, please note the negative and positive.

2.1.2 You will hear short "Ding" and see LED colorful lights flashing after loading the batteries for receiver. Load the batteries, turn on the transmitter, the LED indicator will be on for 5 seconds.

2.1.3 Alkaline batteries are recommended, other types will shorten standby time and lower the alarm volume. Micro USB is alternative for power supply; battery supply will be automatically cut off if AC power and can be standby power supply if power off.

2.2 Installation

2.2.1 Install the transmitter in the ceiling or aisle of the entrance where customers and intruder go back and forth. Installation by screws will be more firm than double-sided tap which requires tidy and smooth surface.

* The transmitter detects the infrared signal range released from body surface temperature of 34.1°C, please take the 1.3 (Figure 4) for installation adjustment reference.

* The transmitter is used for indoor only; please do not keep it exposed to the sun and rain. Had better not install it in the areas of air-conditional fan which change the environment temperature.

2.2.2 Place the receiver with the desktop base on the desk, or fix it on the wall with the screws.

2.2.3 After installation, press the receiver ON/OFF button to enter into welcome reminder mode, test the wireless transmission distance, adjust angle of the transmitter. Try to ensure that the people come in from different position can be detected by repeating tests.

2.3 Operational Description:

2.3.1 The transmitter and receiver have been programmed in factory.

2.3.2 5 Modes with 5 Functions:

	Welcome	Doorbell	Alarm	Color light	Lighting
Press M/button to switch categories shown in the right table	Play Welcome song, Color lights flashing	Play current song, Color lights flashing	Ding Ding 3 times, Red light	No sound, Color lights flashing	No sound, LED lights are flashing
Note: Only preview for 5 seconds when you selecting ringtone; it has power-off memory function. You don't need to configure the settings again if power off.			Option for Alarm	No function	No function
[J] Selection songs key for option	Cyclic 5 welcome songs for option	Cyclic 36 welcome songs alternative	4 levels adjustable volume	4 levels adjustable volume	4 levels adjustable brightness
[M] Volume key	4 levels adjustable volume	4 levels adjustable volume	4 levels adjustable volume	4 levels adjustable volume	4 levels adjustable brightness
Ringtone and lights when transmitter is triggered	"DingDong" selected, Welcome song	Selected song	Alarm for 30 seconds	---	---
Operation when transmitter is triggered	LED lights colors vary depending on the programmed areas				
	If you want to stop and shut down, please press the receiver on/off button or remote control off button.				white light will be on for 2 minutes
	If you want to stop and return to the previous state, please press other keys (but no effect when the alarm sounds).				

2.4 Program accessories (infrared curtain, magnet sensor, vibration sensor etc.) or remote control

If add vibration, infrared, magnetic detector, or remote control, do the program. Note: Each color can be programmed with 8 wireless sensors, in total 32 by 4 colors. There is no any relation between remote control and colors. Up to 8 remote control can be programmed, if over certain amount, the latter will cover the former.

Once do as above, LED indicator on receiver will flash once with a "Ding" then the program successful. The receiver will back to OFF mode. It can be programmed only one accessory at one time.

2.5 Delete all accessories: please be caution with this operation!

3. Low Battery Indication

3.1 Infrared curtain: It is in low battery if LED flashes once every 3 seconds. Please replace the battery in time.

3.2 Receiver: If you hear the low battery indication sound when it is in application, please replace the battery in time, or all functions cannot be realized.

3.3 LED indicator gets darker or wireless range gets shorter, please replace the battery in time.

4. Parameters

4.1 Power Supply: 3* AA alkaline battery for Receiver or Micro USB
4.2 Battery Lifespan: 8 Months (based on 30 times per day)
4.3 Working Frequency: 433.92 MHz
4.4 Working Temperature: Receiver: -10°C ~ +60°C Infrared curtain: 10°C ~ +33°C
4.5 Operating Humidity: < 80%
4.6 Storage Temperature: -20°C ~ +70°C