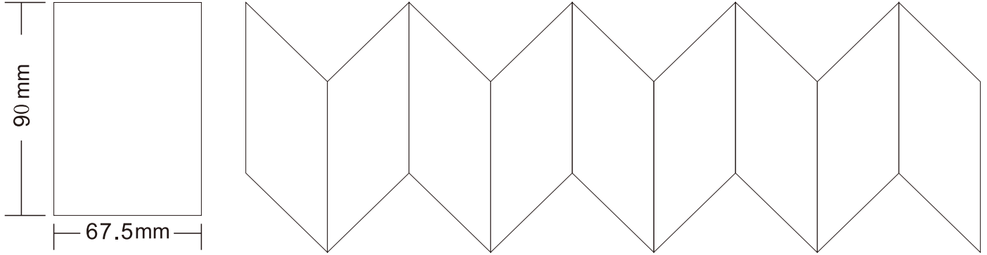
名称:圆红外插座套装说明书V1.0英文版
尺寸:67.5*90mm
材料:128g双铜
印刷方式:风琴折,黑白正面背面印刷语言:英语

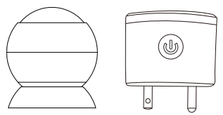


正面

V1.0

PIR CONTROL SWITCH KIT

USER MANUAL



Specification:

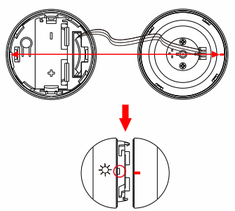
AC input voltage: 125V 50/60Hz
Maximum distance: 30m
Maximum power: 2000W（16A）
Working temperature: -10~45°C

Instructions

Note: The plug and infrared sensor of this set have been paired. After the plug is plugged into a wall outlet and the infrared sensor is installed with CR123A(3V) battery, the infrared sensor can control the plug.

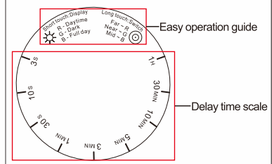
Note: The infrared sensor is equipped with battery. **Pull out the battery insulation sheet, and the PIR sensor will start working.**

Tightening method of upper and lower shells:



As shown in the figure, the unique positioning column of the lower shell must align with the unique positioning groove of the upper shell in order to install and clamp the upper and lower shells. Otherwise, the upper and lower shells cannot be closed in any other direction.

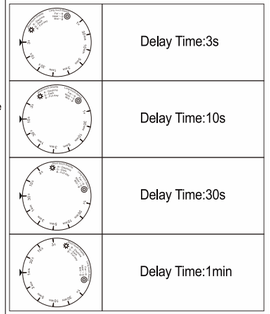
Method for adjusting delay through rotation:

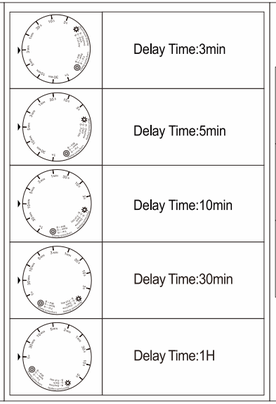


The bottom shell can rotate, and the delay time indicated by the arrow is the delay time when PIR last sensed a person. If there is still someone present, the infrared will continue to work.

Attention: When adjusting, to ensure accurate delay time, try to point the arrow towards the time scale where the delay is to be set.

Motion Status Delay Settings:





Light Sensing Settings:

Red	Available in daytime environment
Green	Available in relatively dark environment
Blue	Available for full-day

Warn:
1. It is forbidden to use this product under humid and high temperature conditions.
2. The maximum current allowed for the plug is 16A, higher current is prohibited.
3. The actual detection range may vary depending on the environment.

Sensing Range Settings:

Red	Far:0-12m
Green	Near:0-4m
Blue	Mid:0-8m

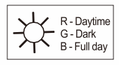
Short touch:Display/Long touch:Switch

To view the current mode and switch mode:
Short press the sun light sensing icon or the three circledistance icon to display the current mode through the indicator light.
Long press the sun light sensing icon or the three circledistance icon to switch mode.

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.

反面



The sun icon is a touch button icon for adjusting light sensitivity:

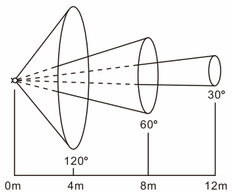
Red light always on:Available in daytime environment
Green light always on:Available in relatively dark environment.
Blue light always on:Available for full-day.

The three circle icon is the touch button icon for adjusting distance sensitivity:

Red light flashing: Far:0-12 meters.
Green flashing: Near: 0-4 meters.
Blue light flashing: Mid:0-8 meters.

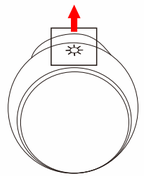
The above distance was tested in an environment with a temperature of 25 °C and a humidity of 50% RH.

Schematic diagram of the relationship between sensing angle and distance:



The closer the distance, the greater the sensing angle. The farther the distance, the smaller the sensing angle.

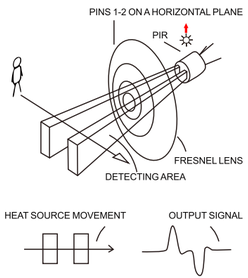
The sensitivity is highest when placed with the sun facing upwards



Because PIR is based on the principle of differential signal triggering, the sun sensitive touch icon is installed facing upwards for the most sensitive sensing.

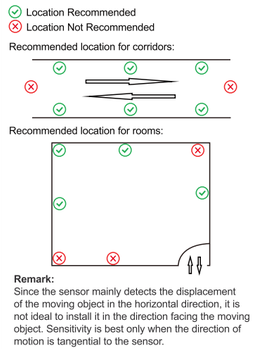
If it is a suspended ceiling installation, it is best to install the sun icon in the direction where people enter and exit as much as possible.

PIR working principle:



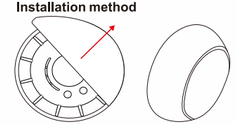
As shown in the figure, signal triggering is most effective when the person cuts the sensing area and moves.

PIR Sensor Installation Location Diagram:

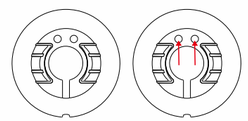


Remark:
Since the sensor mainly detects the displacement of the moving object in the horizontal direction, it is not ideal to install it in the direction facing the moving object. Sensitivity is best only when the direction of motion is tangential to the sensor.

Installation method

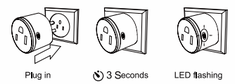


Method 1: Tear off the back adhesive of the infrared mount and stick it in the desired installation position.



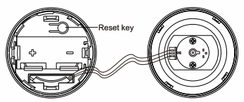
Method 2: Push out the silicone component from below the base, exposing two screw holes. After fixing it to the wall or ceiling with screws, reinstall the silicone component into the base to complete the installation..

Pairing method



1.The plug and infrared sensor are already paired before leaving factory. Please follow below steps if the sensor or plug is required for re-pairing.

2.,Put the plug into a wall outlet,press and hold the button on plug for 3 seconds, during this operation, the plug LED starts to flash, and then release it.



3.Open the cover of the infrared sensor and install CR123A(3V) batteries to make it power on. Then the indicator LED on the plug will turn solid. It means the pairing is successful and the infrared sensor can control the plug now.

Or press and hold the Reset key (shown in above picture) until the indicator LED on the plug will turn solidto complete the pairing operation.

Note:
One plug can be paired with up to 32 infrared sensors.
One infrared sensor can be paired with Countless plugs.

Short press the Reset key to remotely control the plug.

•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.
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition, compliance with exposure requirements.