

CAR WARNING INDICATOR

USER MANUAL



MODEL: RL-9816C1

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 radiofrequency 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

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



Version 1.3

Function Description

This product adopts RF transmitter/receiver modules and learning code for easy and convenient operation. The Outdoor Unit is a PIR transmitter. When the Outdoor Unit detects thermal infrared signals (e.g. moving person), it will send a RF signal to the Indoor Unit. The indoor unit will then emit two "Ding-Dong" sounds and the LEDs will flash twice to remind you.

Operating Instructions

Slide switch operating description

Hi: Turn the warning indicating volume to High level.
 Low: Turn the warning indicating volume to Low level.
 Silent: Mute with light flashing.

Learning Code

Slide the receiver switch to Hi or Low and then insert batteries, it will emit a "DingDong" sound. Later, press the "Code" button at the back of the receiver. Then power up the PIR transmitter to trigger the working indicator light, which means a RF signal has been sent. If the receiver receives the signal, it will emit a "Ding-Dong" sound and the indicator light will flash to indicate that the code is learned successfully.

Clearing Code

Press the Code button and at the same time power on the unit, it will give a "Ding-Dong" tone. Press and hold the Code button for more than 6 seconds, the receiver will give tones of "Di-Di-Di, Ding-Dong", which means the code has been cleared successfully.

"Silent" level description: When the receiver

receives the RF signal, no indicating sound will be given but the light will flash for 10 seconds.

Low Voltage Indicating description:

Receiver: When the voltage is lower than 3.3V, the LED light will be on constantly.
 PIR Transmitter: When the voltage is lower than 3.3V, the LED light will be on constantly.

Recommended installation height: 1m±0.2m

Warm Tips:

1. When the PIR transmitter is powered on for the first time, it needs 40 seconds to be ready to work normally. The time interval for each PIR trigger is 12 seconds. If human is detected within the time interval, the countdown of time interval will be re-started.

2. The PIR detection range may vary in different working environments, especially in the area where the temperature is uneven.

Specifications

Receiver (Indoor Unit)			PIR Transmitter (Outdoor Unit)	
Battery	DC4.5V(AA*3)		Battery	DC4.5V(AA*3)
Working Current	<100mA		Standby Current	<35uA
Standby Current	Max.	4mA	Working Current	<20mA
	Average	0.2mA	PIR Detection Distance	0-8m
Alarm Volume (0.3m)	Lo Level	83-88dB	PIR Detection Angle	≤120°
	Hi Level	88-93dB	Transmitting Time Interval	12S±2S
RF	433.92M±250KHZ		RF	433.92M±250KHZ
Working Distance (Open Area)	≈80m		Working Distance (Open Area)	≈80m

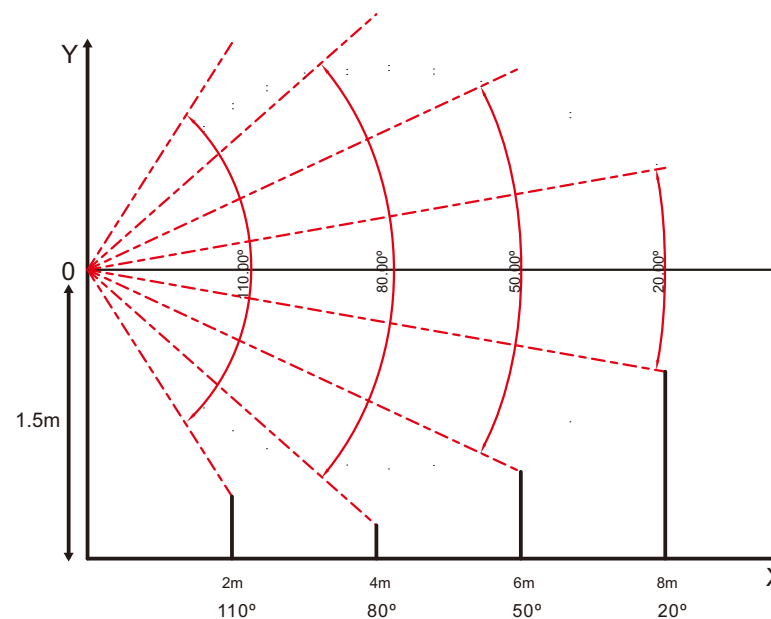


Diagram of PIR Detection Area