

Driveway Alert Alarm Instruction Manual

Model No.: QH-9821A-2T

Summary

- Strong anti-interference performance
- The full range of fine temperature compensation
- CE, FCC and ROHS compliant

Specification

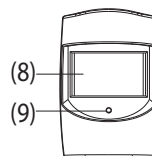
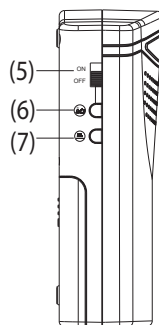
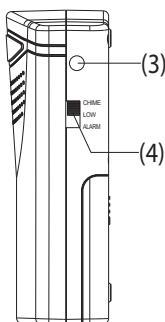
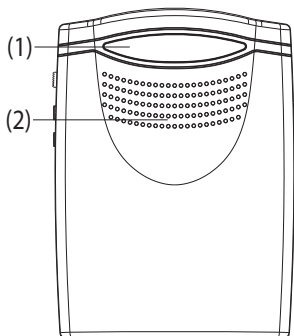
- Power Supply (Receiver): DC 6 V or 1.5 V C Battery x 3
- Power Supply (PIR Transmitter): DC 4.5 V (1.5 V AAA Battery x 3)
- Working Current (Receiver Alarming): $< 180\text{mA}$
- Working Current (Receiver Chiming): $< 200\text{mA}$
- Working Current (PIR Transmitter): $< 15\text{mA}$
- Quiescent Current (Receiver): $< 400\text{uA}$
- Quiescent Current (PIR Transmitter): $< 50\text{uA}$
- Sensing Angle: 45°
- Sensing Distance: 5–8 m
- Ring Volume: $\geq 100\text{dB}$ (within 0.5 m)
- Reception Sensitivity: $\geq -85\text{dBm}$

Accessories List

- | | | |
|------------------------|----------------|--------------------------|
| • 2 x PIR Transmitters | • 1 x Receiver | • 1 x Instruction Manual |
| • 4 x Wall Plugs | • 4 x Screws | |

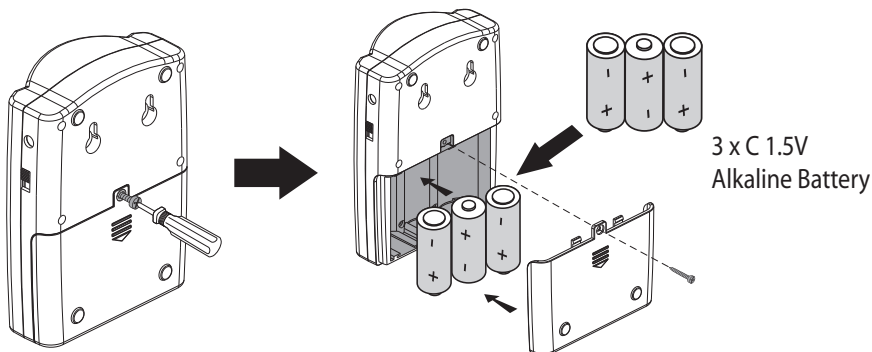
Names for Parts

- | | | |
|----------------------------------|-------------------|-----------------------------------|
| (1) LED Indicator | (2) Speaker | (3) DC 6V Input Jack |
| (4) Switch for Chime, Low, Alarm | (5) On/Off Switch | (6) Sound-and-Flash Switch Button |
| (7) Auto-learning Code Button | (8) PIR | (9) LED Indicator |



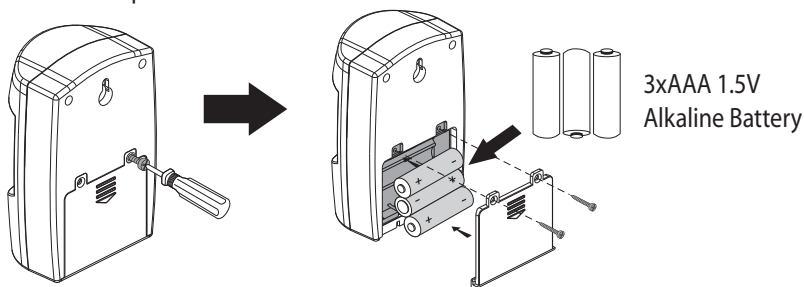
Battery Installation (Receiver)

1. Remove the screws on the rear of the Receiver with a cross-headed screwdriver. Remove the battery compartment cover.
2. Insert three C type batteries in the battery compartment according to the "+" - "marks.
3. Replace the battery compartment cover and secure the screws.



Battery Installation (PIR Transmitter)

1. Remove the screws on the rear of the PIR Transmitter with a cross-headed screwdriver. Remove the battery compartment cover.
2. Insert three A A A 1.5 V batteries in the battery compartment according to the "+" - "marks in the battery compartment.
3. Replace the compartment cover and secure the screws.



Wall Mount (Receiver and PIR Transmitter)

PIR Transmitter Unit

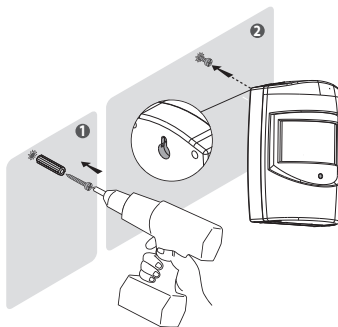
Drill a hole on the wall at your required height.

Insert a wall plug (included) into the hole.

Then insert a screw (included) into the wall plug. Be noted that you should not insert completely the screw into the wall plug, but keep a suitable length out of the wall surface, which is to hold the transmitter.

Finally you can hang the transmitter.

(Mounting on UPVC or metal doorframe surfaces will reduce the transmitting range.)



Receiver Unit

Drill two holes on the wall at your required height. The distance between the two holes should match the two hanging holes at the back of the receiver.

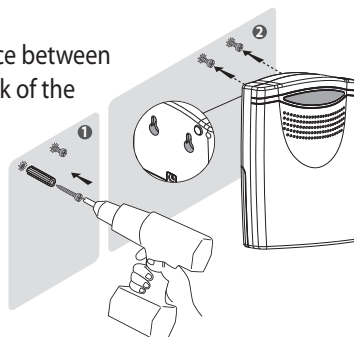
Then insert two wall plugs (included) into the holes.

After that, insert two screws (included) into the wall plugs.

Be noted that you should not insert completely the screws into the wall plug, but keep a suitable length out of the wall surface, which is to hold the receiver.

Finally you can hang the receiver.

Avoid positioning on UPVC Frames, above heat sources (e.g. radiator) or in damp areas such as a kitchen or bathroom.



Installation

Install the PIR transmitter in channels through by cars or on wall of the indoor main channels or key monitoring area. During installation, pay attention to the followings: avoid direct sunlight; don't be in face of glass doors and windows; don't be opposite to cold and hot air vents or sources; and don't be opposite to any easy oscillation. The recommended installation height is 1.0m-1.5m, adjusting the angle to make it face the monitoring area. If a car or a person moves into the detection range of the PIR transmitter; the PIR transmitter will send a signal to the receiver. The receiver makes ding-dong or alarm sound after receiving the signal to warn the master.

Functions Instruction

1. Install the PIR Transmitter with three AAA alkaline batteries. It turns into induction state after 10 seconds power-on, with induction time interval 5 seconds.
2. Install the receiver with three 1.5V type "C" alkaline batteries or plug the receiver into DC6V 200mA power. Move the On/Off Switch to the ON position. Maximum 50 codes can be matched and saved in the receiver within 15 seconds. After 15 seconds, the receiver turns into power saving mode.
Note: If there is no code matched and saved within the first 15s, the receiver can be matched with and save ONLY one code after 15s.
3. When there is a code saved within the receiver, you need not to match the code the second time you turn on the power, as the receiver will come directly into alarm state or chime state.
4. If you want to add PIR Transmitter or magnetic transmitter, press the auto-learning code button on the side of the Receiver once, then trigger the PIR Transmitter or magnetic transmitter. The Receiver will sound to indicate that the transmitter works successfully with the Receiver. (Press the button once can only match one transmitter).
5. Press the auto-learning code button and hold for 5 seconds, you can delete all the information within the receiver. At the same time, the LED indicator light will flash and receiver sounds.
6. There is a Sound and Flash Switch Button on the side of the receiver. Press this button for three options, working only with sound, only LED flash, sound and LED flash.

7. Low voltage indication: normal voltage for the receiver $3.08V \pm 0.1V$ and for the transmitter $3.08V \pm 0.1V$. If lower than this voltage, the LED indicator light will flash once every second to remind you to change the batteries.
8. There is one Chime-Low-Alarm switch on the side of the receiver. It operates as follows: High Volume Chime/ Low Volume Chime / Alarm.
9. Move the Chime-Low-Alarm switch to Chime or Low position the receiver will work as a chime. Move the switch to Alarm position, it will work as an Alarm.
10. The receiver batteries' lifespan: if a 1.5V C battery with capacity 7800mAh is used, based on average 10 sounds per day, 80% of the battery capacity available, these three batteries can be used for 20 months.
11. The PIR transmitter batteries' lifespan: if a 1.5V AAA battery with capacity 1150mAh is used, based on average 10 sounds per day, 80% of the battery capacity available, these three batteries can be used for 12 months.

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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- this device must accept any interference received, including interference that may cause undesired operation.

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