

## OPERATION

- A strong ultrasonic wave to frighten animals. The wave is activated when an animal enters the PIR Sensor range and then the animals feel uncomfortable and will run away from the area.
- A strong flashing LED to scare animals. The strong flashing LED will be activated when an animal enters the area, then the animal will be scared and flee.
- In order to have better effectivity, we add an alarm sound to scare wild animals.

## TO ASSEMBLE AND INSTALL

1. Remove the battery compartment on the back; Install 3x AA size rechargeable batteries, and then close the battery compartment. (battery included, so do not need this).
2. Place the unit pointed towards the area that you want to protect (for example, in the flowerbed or against the wall, etc.)
3. Remember to choose a place where the solar panel on the top can get as much sunshine time as possible.
4. If you mount the unit in the ground, insert the spike into the ground carefully. Please leave the spike 12 cm or more above the ground. It is suggested that you dig a hole and then insert the unit to ensure no damage occurs.
5. The item can be inserted in the ground or mounted against the wall, or put the top part directly on the flat surface.

## SETUP

- Button "Sensitivity" (Left): You can adjust the item sensitivity and distance. By turning the knob clockwise, you can increase the range of protection.
- Button "Frequency" (Right): This is to control frequency. By turning the knob clockwise, the frequency will be increased.
- Button "Frequency" position as below:
  - 0: OFF
  - 1: 13.5KHZ-19.5KHZ to repel animals such as mice, rats, dogs, foxes, weasels, etc.
  - 2: 19.5KHZ-24.5KHZ to repel animals such as cats, raccoons, badgers, skunks, etc.
  - 3: 24.5KHZ-45.5KHZ to repel animals such as bats, birds, rodents, squirrel, etc.
  - 4: Alarm and strong LED flashing lights to scare wild animals.
  - 5: Function together mode 1, mode 2, mode 3, and turn on strong flashing.

## TECHNICAL SPECIFICATION

- Infrared sensor angle: 110 degrees.
- Detection range: 8-9 meters depending on the animal's size (the bigger the size, the larger the range).
- Power supply: solar power +3x AA size rechargeable batteries or 9V, 200mA adapter.
- If adapter is unplugged, the item will keep working, the PIR sensor will not work.
- If there are a few day cloudy or rainy days, you can charge the item via the adapter.
- Red light means product is charging.
- Blue light means fully charged.
- Green light means product is working.



## BATTERY ISSUE

1. If new rechargeable battery or batteries in the product are not used for a long time (more than 1 month), the battery's power may be fully released. It is suggested to charge the batteries 3-5 times to activate and they will become normal to use.
2. If the batteries which have been used for a very long time can be charged fully very soon, it means you need to change the batteries.
3. If the battery cannot be used for a long time, please replace 3 pieces 1.2V AA size rechargeable batteries (NiCad or Ni-MH) in the battery compartment. The better quality the batteries are, the bigger capacity the batteries are and the better effect the item will have.
4. Please send with old batteries to the recycling center for used electrical and electronic devices. You can consult the local government for more information.

## CAUTION

1. It happens that human can hear part of its range. So put the device as far as possible from human life. Do not install the device in a play ground area.
2. Do not cover up the PIR sensor.
3. To clean the device, use mild soap with water. Do not use harsh chemicals or abrasive cleaning agents that may damage the device.



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| ① 13.5-19.5 KHZ mice, rats, dogs, foxes, weasels, etc.                              |   |  |
|  |  |  |
| ② 19.5-24.5 KHZ cats, raccoons, badgers, skunks, etc.                               |   |  |
|  |  |  |
| ③ 24.5-45.5 KHZ bats, birds, rodents, etc.  |   |  |
|  |  |  |
| ④ Alarm and strong LED flashing lights to scare wild animals.                       |   |  |
| ⑤ Function together mode 1, mode 2, mode 3, and turn on strong flashing.            |   |  |
| ⑥ OFF   |   |  |

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