



## Racan Solar Sonic Animal Repeller

Model: RAC-1107

User Manual

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Dear customer,

Thank you very much for purchasing our Racan products. Please read this product manual carefully before using this product. If you have any questions about your order or this product, please feel free to contact our customer care team.

### Working Principle

- 1) Repels cats, dogs, foxes, squirrels, badgers, rabbits, mink, deer and birds
- 2) Ultra-sonic and powerful bionic sounds to drive pests away
- 3) Bionic sounds include gun, eagle and barking dog
- 4) Bright flashing LED lights
- 5) 4 changeable moods - volume, night & day, bionic/ultra-sonic and sweep/fix frequency
- 6) Rechargeable by solar or LED lead (includes lead)
- 7) No batteries required
- 8) Always read the instructions before use
- 9) UKCA certification

The Passive Infrared sensor (PIR) detects motion and triggers the speaker to emit ultrasound at frequency 12.5-25kHz to repel unwanted animals away. The device is powered by solar to recharge so it is always working after the battery has recharged.

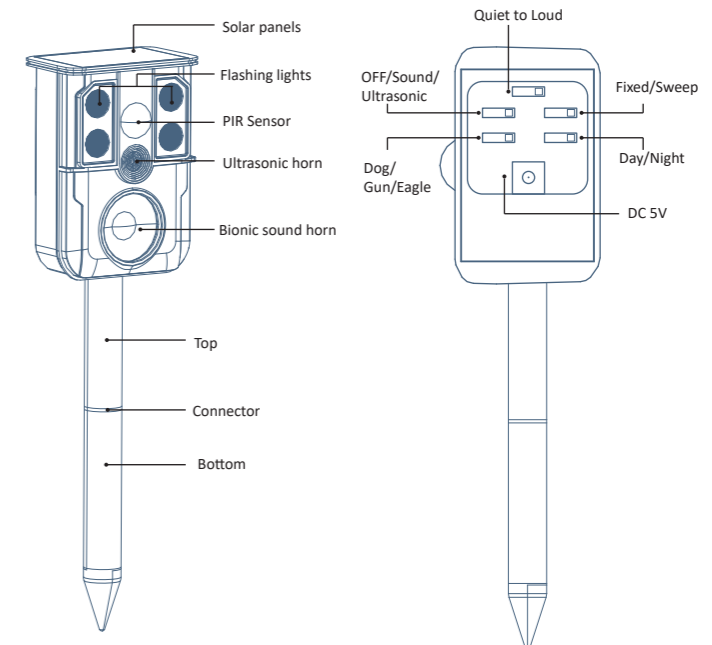
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### Parameter

<b>Product Name:</b>	Racan Solar Sonic Animal Repeller
<b>Product Model:</b>	RAC-1107
<b>Product Material:</b>	ABS
<b>Power Supply:</b>	• Amporphous silicon 7V/45mA 80*55mm • DC 5V 500mA
<b>Input Current:</b>	Up to 152mA
<b>Static Current:</b>	1.5mA
<b>Output Voltage:</b>	3.7V
<b>Battery Parameter:</b>	1*18650 1800mAh 3.7V rechargeable battery
<b>Waterproof Grade:</b>	IP44
<b>Effective Range:</b>	110°
<b>Effective Distance:</b>	6-8m
<b>DB Value:</b>	Up to 100db in 30cm
<b>Ultrasound Frequency:</b>	• Sweep: 12.5-25kHz • Fixed: 25kHz
<b>N.Weight:</b>	322g
<b>G.Weight:</b>	418g

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### Product Outlook



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### Button Instructions

-Button "Quiet, Loud" you can slide the button to adjust the volume of the bionic voice

-Button "OFF Sound Ultra-sonic"

- Left: OFF
- Middle: Sound + ultra-sonic work together
- Right :Only ultra-sonic works

-Button "fixed sweep"

- The fixed ultrasound frequency is 25kHz;
- The sweep frequency is for changing ultrasound 12.5-25kHz which works by cycle.

-Bionic Button " Dog, Gun, Eagle" are offered with 3 different voices, which can be chosen freely.

-Mode Button "Day, Night":

- Day mode repels animals by bionic voice without flashing light. While in dark environment, for example rainy days, the light will be turned on automatically.

• Night mode repel animals by flashing light without bionic voice. When exposed to strong light, the flashing light turns off automatically, and the bionic voice is activated.

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### Notice

1. The Racan Solar Sonic Animal Repeller requires to be fully charged before its first use. This can prolong the service life of batteries.
2. Every mode is designed to repel different animals, please set the mode based on the animals you are trying to drive away.
3. Ultrasonic products will not produce instant effect. It will take about 10-15 days to deliver the full deterrent effect.
4. Every few days make a slight frequency adjustment of the mode you set to avoid animals adapting to the ultrasonic sounds.
5. Some humans may be able to hear part of its range. So put the device as far as possible from human activity. Do not install the device where children and babies play.
6. Please install this device in the direction of where you find animal activity, which will have a better effect.

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### Installation

1. Place the unit pointed towards the direction where you have animal activity. Remember to choose a place where the solar panel can get maximum exposure to sunlight.
2. If you mount the unit in the ground, insert the spike into the ground carefully. Please leave the spike 12cm or more above the ground. It is suggested that you dig a hole and then insert the unit to ensure no damage occurs.
3. The item can be inserted in the ground, or mounted against the wall, or the unit can be free-standing on a flat surface.
4. Keep using the product for more than two weeks and adjust the mode you set to have a better effect.

### Battery Issue

1. If the batteries in the product are not used for a long time (more than 1 month), the battery power may be fully discharged. It is recommended to charge the batteries 3-5 times to activate.
2. When rainy or cloudy weather lasts for a week, the repeller may stop working. We recommend turning it to Mode 0 and charging by adapter.

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### Maintenance

1. To clean the device, use damp-soft cloth, mild soap and water. Do not use harsh chemicals or abrasive cleaning agents that may damage the device.
2. Do not cover up the PIR sensor.

### Warranty

All of our Racan electrical products support a 12 months warranty.

Any questions about your order or products please feel free to contact customer care team and we will do our best to help you.

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