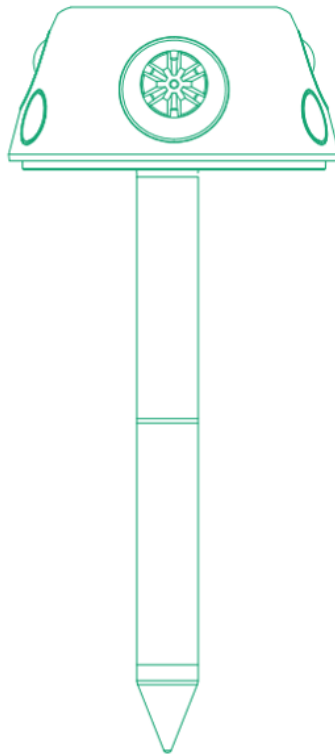


ANIMAL REPELLER

Outdoor Solar Ultrasonic



Warm reminder

Thank you for purchasing Solar Animal repeller.

Read this manual carefully before use and use it in strict accordance with the requirements of the manual.

Please keep it properly for future inquiry.



WATERPROOF



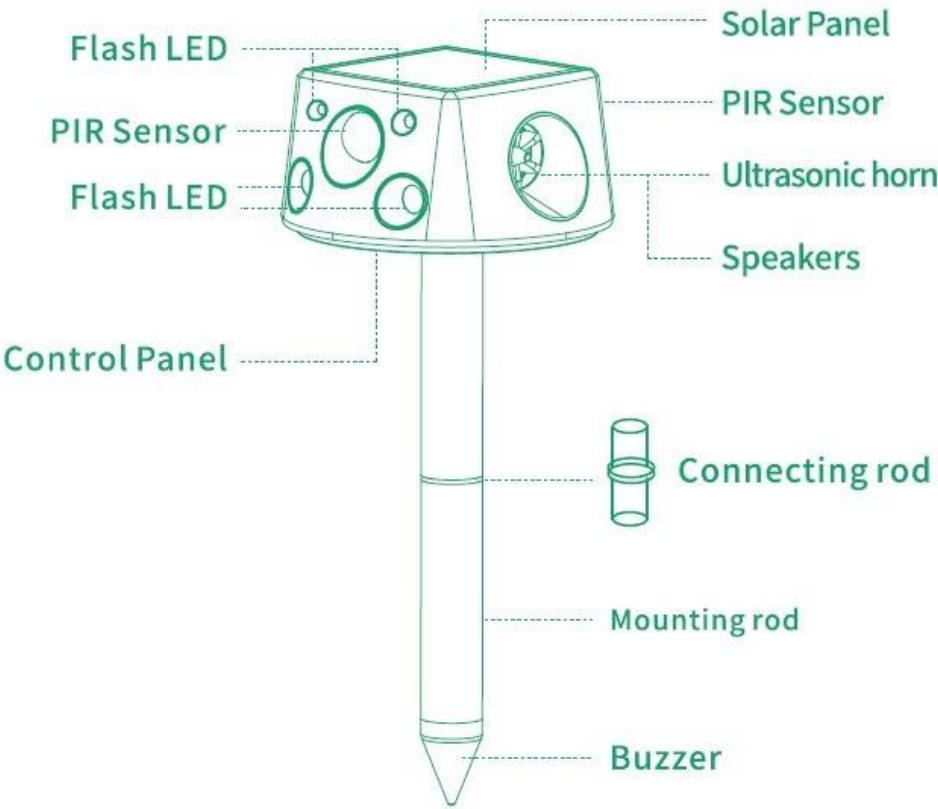
SOLAR



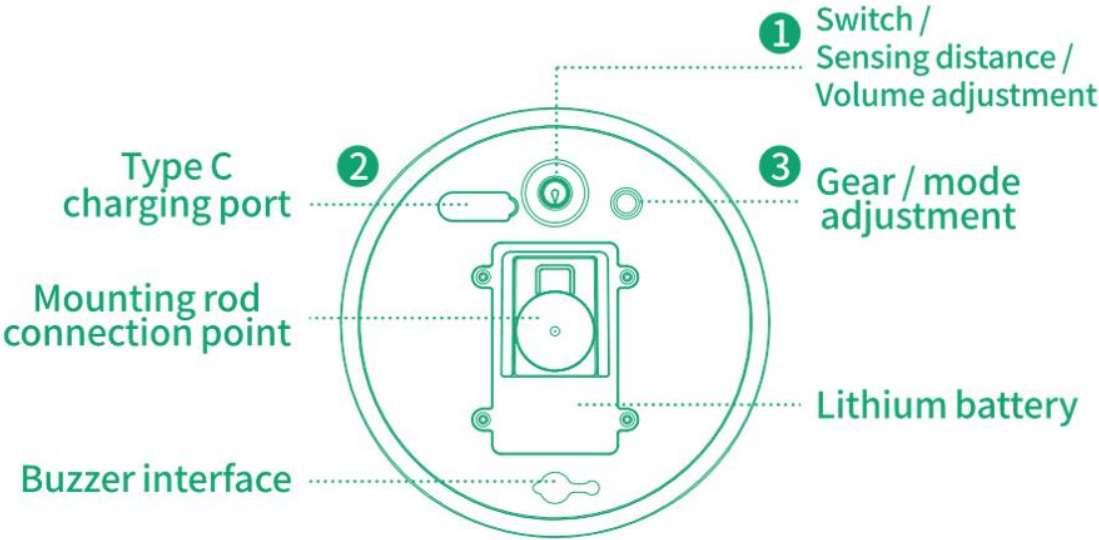
USB CHARGE

Solar Ultrasound Voice LED Animal Driver

Double Sided Induction



Detailed explanation of control panel



① - Switch, Sensitivity adjustment, volume adjustment: Turn up the sensing sensitivity and alarm volume clockwise, and turn it down counterclockwise.

② - Charging port: Type-C

③ - Press for 2 seconds, the white flash flashes twice, and switch the single/double-sided induction mode.

③ - Press once to switch to Frequency working mode:

Mode 1: Automatic frequency switching of ultrasonic wave from 15kHz~65kHz.

Mode 2: Emit ultrasonic 15kHz~65kHz alarm sound, and the ultrasonic speakers continue to blare until the animal is driven out of the sensing range.

Mode 3: Red and white LED flashing light, infrared light driving mode.

Mode 4: Emit ultrasonic alarm sound.

Mode 5: Red and white LED flashing light, infrared light, ultrasonic wave and ultrasonic alarm sound driving mode.

Mode 6: Red and white LED flashing light, infrared light, ultrasonic and voice alarm

Working mode:

Standby mode: the standard working state after starting the power supply. In this mode, the equipment can normally input signals and trigger the function output.

Sleep mode: Under certain conditions, the equipment enters sleep mode. In this mode, the equipment turns off the functions of signal reception and function output, and only ensures the core operation of the equipment, to greatly reduce the power consumption.

Induction mode: infrared rays sense thermal energy objects (adjustable straight line 1-12M) to emit ultrasonic waves (automatic frequency conversion). High-power 360-degree flash ultrasonic alarm drives animals.

Single-sided induction mode and double-sided induction mode: one machine can be used for two purposes, covering a wider area (at present, the single-sided induction mode is used in the market).

Function output:

Strobe light, ultrasonic speaker (sweep frequency), high decibel speaker (various audio source).

1. Scan mode: ultrasonic 13.5KHZ-65.5KHZ (adjustable) automatically switch sensing mode from low frequency to high frequency.
2. Flash mode: High-power LED burst flash and low-power LED light wave wavelength automatic change mode.

Alarm sound: 10 kinds of alarm sounds are played randomly to reduce the adaptability of animals to sound.

Effective range: 5,000 square feet (approximately 400 square meters).

Specifications

Infrared sensing angle: 240 degrees.

Sensing distance: 1-12m, depending on the size and temperature of the animal. (The larger the animal is, the farther the distance is, the higher the temperature, and the closer the distance is.).

Power supply mode: The device is powered by 2200mAh 18650 lithium battery. Charging, (solar panel open circuit voltage: 5.8V; solar panel operating current: 20-200mA) or an external 5V can be used 500mA adapter for charging, in case of a period of cloudy weather, you can use the adapter for charging, charging will be lit with a red indicator, fully charged lights up in green.

Product parameters

| | |
|-----------------------|-------------------------------|
| Model: | SK031 |
| Induction Angle(L&R): | 240° Double Sided Induction |
| Induction Angle(U&D): | 15° |
| Battery: | 2200mAh 18650 lithium battery |
| Power Supply: | Solar or USB |
| Sensing distance: | 1-12m |
| Waterproof Grade: | IP66 |
| Ultrasonic Frequency: | 13.5-65.5kHz |

Common problems and solutions

1.Q: After several hours of charging, the machine still doesn't work.

A: It's possible that the battery hasn't been charged at all. If you see a weak yellow light on the infrared sensor when you start charging, it means the battery is loose, or the power cord of the battery is loose. Remove the battery cover and reinstall the battery. Normal charging state is red light, full charge green light. Using 5V 500mA adapter, generally 2-3 hours can be fully charged.

2.Q: The animal is very close, but the machine can't sense it.

A: First, check whether the machine switch is off and the battery is charged. After checking the "Sensitivity" knob, adjust it to the far right, so as to increase the induction distance. The maximum induction range can only be within 10 meters. The sensor of the final product can sense the left and right angles within a range of 110 degrees. Although some animals are very close, they cannot be sensed at all because they are not in the sensing angle.

3.Q: How to check if the battery is alive?

A: The battery of the machine is running out after a period of normal use. When humans or animals get close to the sensor head, the machine will emit a weak sound or not work at all. At this time, the battery is likely to run out of power and need to be charged in time. It is suggested to use USB charging cable for quick charging.

4.Q: The machine has been in normal use for several days, but there are still some animals around.

A: It takes 1-2 weeks for the product to take effect. Different animals are sensitive to different sounds. Some animals leave when they feel uncomfortable. At the same time, we need to choose the appropriate frequency shift according to the animal species.

5.Q: Is it harmful to people or pets?

A: This product mainly uses the principle of ultrasonic wave, and has no damage to human body and pets. But a small percentage of the sound waves can be heard by human ears and pets. Over time, people and pets will feel uncomfortable. So, it is not recommended to aim the product at humans or pets.

6.Q: It can only be sensed within one meter and it makes a tiny ticking sound.

A: Please adjust the "Sensitivity" knob to the right to the maximum, so as to increase the Sensitivity. If the machine makes a weak tick, it is likely to run out of power and need to be recharged.

7.Q: How long does it take to recharge? Can you charge it with solar panels on rainy days? How fast does solar charge?

A: The amount of time used depends on the pattern of adjustment and the number of sightings of the animals around. It can last more than 10 days on a full charge. The solar panels charge wherever there is light, rain or shine. It's just that solar panels charge at a rate determined by the intensity of light, which is

not nearly as fast as the adapter. So, when using the solar panel to charge, try to adjust the solar panel to the angle of direct sunlight. In order to ensure normal use, after the battery is exhausted, try to use the USB charging cable to charge.

8.Q: What should I do if the machine is accidentally transferred into the water?

A: The machine can prevent rain, but it can't soak in water without problems. Once in the water, please immediately take out the machine, open the battery cover, and remove the battery. Install new batteries after the inside of the machine has completely dried.

Please keep the instruction properly. If you have any questions, please feel free to contact us.

