

# Wireless Solar Driveway Alarm

## **User Manual**





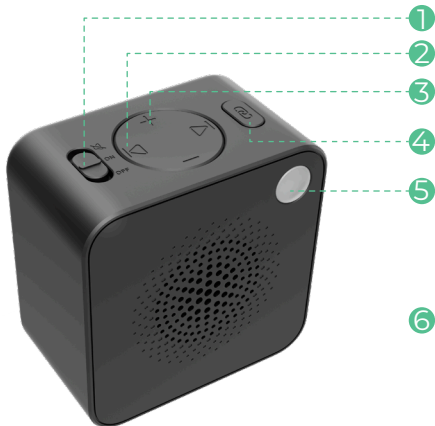
## Safety Instructions

Read and follow the safety instructions below:

- Keep the device away from water immersion, extreme heat, or open flames. This product is weather-resistant but not designed for submersion.
- Motion detection is based on passive infrared (PIR) technology and may be affected by environmental conditions such as heavy rain, sandstorms, temperature fluctuations, or moving heat sources, which may result in false alarms or reduced sensitivity.
- The working temperature should be between 14°F to 140°F (-10°C to 60°C).
- Do not attempt to disassemble or modify the product, as this may result in malfunction and will void the warranty.
- This product is not a toy. Keep out of reach of children to prevent misuse or accidental damage.

# Product Overview

## Receiver



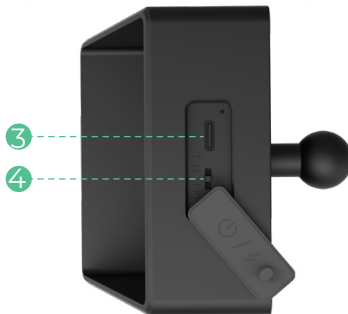
- 1 Mute / ON / OFF Slide Switch
- 2 Previous / Next Chime (37 tones available)
- 3 Volume +/- (10 adjustable levels)
- 4 Pairing Button
- 5 LED Indicator
- 6 Type-C Charging Port



## Solar Motion Sensor



- ① Solar Panel
- ② Sensor Lens  
(PIR Detection Area)
- ③ Type-C Charging Port
- ④ Power / Sensitivity Switch  
(OFF / High / Low)



# How to Charge

## Receiver



● Charging

● Fully charged

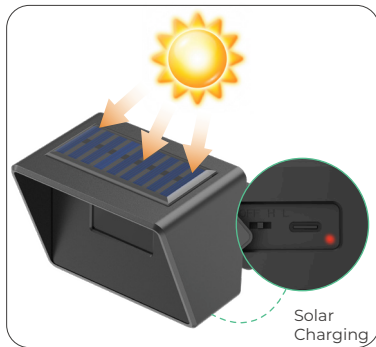
The receiver includes a built-in backup battery:

- Can be used while plugged in
- Can also operate wirelessly after a full charge

When the battery is low, the receiver will announce:

**“Battery low.”**

## Solar Motion Sensor



● Charging    ● Fully charged

When the sensor battery is low, the receiver will announce: **"Sensor battery low."**

**Recommendation: Fully charge both the receiver and sensor before first use to ensure optimal performance.**

# Pairing Setup

## Step 1: Power On Receiver



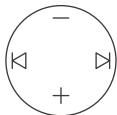
Turn on the receiver. It will automatically play a default factory chime once powered on.

## Step 2: Enter Pairing Mode



Press the Pairing Button once to enter pairing mode.

**Note:** If no operation is performed within 10 seconds after power-on, the receiver will enter sleep mode. In sleep mode, pressing the Pairing Button once will wake the device and replay the last selected chime. Press the Pairing Button again to enter pairing mode.



The receiver will announce:

**“Pairing, please select a sound, then wave your hand in front of the sensor.”**

Use the Chime Selection Buttons (⏮ / ⏭) to select your desired chime.

While in pairing mode:

Press the Pairing Button again to exit pairing mode manually.

### Step 3: Sensor Activation & Pairing Completion



After selecting the chime, switch the sensor from OFF to H or L (sensitivity mode) to power it on. Then wave your hand in front of the sensor to complete pairing.



- The sensor will detect motion and activate
- The LED indicator will flash white
- The receiver will announce: **“Pairing complete.”**

**Note:** To change the chime of an already paired sensor, re-enter pairing mode and repeat the pairing process.

### Step 4: Pairing Multiple Sensors

After pairing the first sensor, additional sensors can be added one by one:

1. Set the already paired sensor to OFF using the bottom switch.
2. Set the next sensor from OFF to H or L mode (working mode).
3. Repeat Steps 2–3 to pair each additional sensor individually.

**Important:** During final installation, ensure all sensors are set to H or L mode (not OFF) to remain active.

## Automatic Exit (Timeout)

During pairing mode, if no operation is detected on both the receiver and the sensor within 25 seconds, the system will automatically exit pairing mode.

The receiver will announce: **“Exiting pairing.”**

## Sensor Removal

- **Remove all paired sensors:**

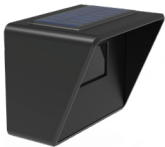
Press and hold the Pairing Button to delete all previously paired sensors at once.

The receiver will announce: **“Paired sensor removed.”**

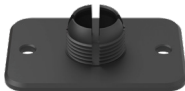
- **Disable a single sensor:**

Turn the sensor switch to OFF at the bottom of the device.

# Solar Sensor Installation



Solar Motion Sensor



Mounting Plate



Locking Ring Nut

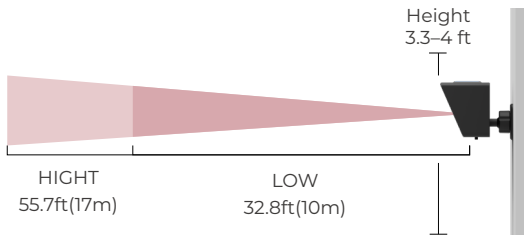


Screws



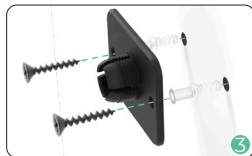
Wrench

## Recommended Installation Height

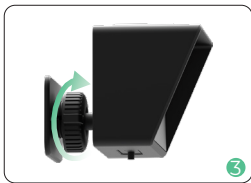
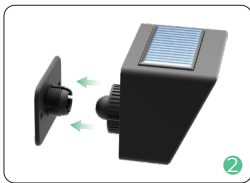


Install the motion sensor at a height of 3.3-4 ft (1-1.2 m) above the ground for optimal detection performance.

## Installation Steps



**Step 1:** Position the mounting plate on the desired surface. Mark the hole locations, drill holes, and secure the plate firmly using screws.



**Step 2:** Attach the solar sensor to the mounted backplate. Use a wrench to tighten the ring nut onto the backplate, securing the sensor firmly in place for stability.

## Installation Tips

- Mount the sensor level and perpendicular to the ground. Do not tilt it up or down, or install it at an angle.
- Ensure the solar panel receives direct sunlight for efficient charging, but avoid pointing the sensor lens directly toward strong sunlight to prevent false alarms.
- Position the sensor to face an open detection area such as a driveway or pathway.
- Avoid aiming the sensor at trees, bushes, or moving objects, as wind movement may trigger false alerts.

# Specifications

|                                 |                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------|
| Model                           | DA01                                                                                      |
| Detection Range                 | High: 49–56 ft (15–17 m)<br>Low: 26–33 ft (8–10 m)                                        |
| Detection Angle                 | Horizontal: 35°                                                                           |
| Recommended Installation Height | 3.3–4 ft (1–1.2 m)                                                                        |
| Receiver Power                  | 4000mAh Rechargeable Battery<br>Supports Plug-in & Wireless Use                           |
| Sensor Power                    | Solar Powered +<br>2000mAh Rechargeable Battery<br>Supports Solar Charging & USB Charging |
| Operating Temperature           | 14°F to 140°F (-10°C to 60°C)                                                             |
| Sensor Waterproof Rating        | IP65                                                                                      |

## Troubleshooting

Q1: Why is there no detection or the range is short?

A:

- Install the sensor at 3.3–4 ft (1–1.2 m) and keep it level, facing the detection area
- Switch to High sensitivity mode

Q2: Why does the sensor trigger false alarms?

A:

- Switch to Low sensitivity mode in complex environments

Q3: Why is the receiver not working or no sound?

A:

- Recharge the receiver or keep it plugged in
- Disable mute mode or increase the volume
- Re-pair the sensor and receiver



**FCC Warning:**

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.