

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Chtoocy](#) /

> [Chtoocy Solar Wireless Driveway Alarm System CH-MR2022-11 Instruction Manual](#)

## Chtoocy CH-MR2022-11

# Chtoocy Solar Wireless Driveway Alarm System CH-MR2022-11 Instruction Manual

Model: CH-MR2022-11

## 1. PRODUCT OVERVIEW

The Chtoocy Solar Wireless Driveway Alarm System is designed to provide reliable vehicle detection for your property. It features a solar-powered sensor that detects moving vehicles and metal objects, ignoring smaller animals and leaves to minimize false alarms. The system offers a long wireless range and customizable alert options for enhanced security.

### Key Features:

- **Reliable Vehicle Detection:** Detects only moving vehicles and metal objects, reducing false alarms from animals and leaves.
- **Weatherproof Design:** Sensor is designed to operate effectively in various weather conditions, including rain, snow, lightning, and thunderstorms, with an operating temperature range of -4°F to 140°F.
- **Extended Wireless Range:** The system offers a wireless transmission range of up to 1/2 mile (2600 ft) from the sensor to the receiver. The sensor's detection range is up to 12 feet.
- **Solar Powered Sensor:** Equipped with solar panels and an 1800 mAh rechargeable battery, providing up to 12 months of operation on a full charge.
- **Customizable Alerts:** Features 4 adjustable volume levels (including MUTE mode) and 12 selectable chime tones.
- **Expandable System:** The system can be expanded to include up to 8 sensors and multiple receivers. Each sensor corresponds to a unique channel indicator on the receiver.
- **Stable Signal:** Utilizes improved wireless transmission technology and special code matching to avoid interference.
- **Low Battery Indicator:** Provides an alert when the sensor battery is low.

## 2. WHAT'S IN THE BOX

The Chtoocy Solar Wireless Driveway Alarm System (1 Receiver & 1 Transmitter model) typically includes the following components:

- 1 x Sensor (Probe + Transmitter combination)
- 1 x Receiver
- 1 x Power Adapter for Receiver

- 2 x PVC Mounting Tubes
- 1 x USB Charging Cable for Transmitter
- 1 x Instruction Manual
- Zip Ties (for securing the transmitter)

## Package Include

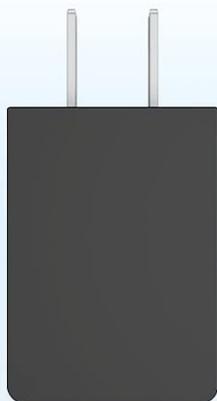
Sensor (Probe + Transmitter combination)



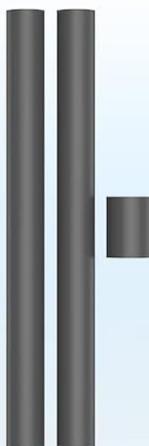
Receiver



Adapter



PVC mounting tubes



instructions



Cable



Image: Package contents showing the sensor, receiver, power adapter, PVC mounting tubes, instruction manual, and USB charging cable.

## 3. SETUP AND PAIRING

### 3.1 Initial Power-On and Charging

1. Ensure both the transmitter and receiver units have power.
2. Plug the probe cable into the transmitter unit.
3. Turn on the transmitter using its power switch. The bottom indicator light will flash red.
4. Connect the receiver to an AC power outlet using the provided power adapter.
5. Fully charge the transmitter via the adapter cable of the receiver before outdoor installation. Charging takes approximately 8

hours. The transmitter will show a red light while charging, which turns green when fully charged.

Your browser does not support the video tag.

Video: "Quickly Start Vehicles driveway alarms" - This video demonstrates the initial power-on and basic functionality check of the system.

## MORE UPGRADED FEATURES

-  **4 Volume Levels (include MUTE mode)**
-  **12 Tones Available**  
*(Note: Each sensor can not be set different tones.)*
-  **Low Battery Indicator**
-  **Diffeerent Channel Indicator for Each Sensor**

 In Standby mode, no any light on the receiver screen; If you wan to check if the receiver power on, please click the VOLUME button to check whether there is a sound;

Image: The receiver and transmitter units on a desk, connected for initial setup and charging.

### 3.2 Pairing the Transmitter and Receiver

1. Press and hold the "PAIRED" button on the receiver for 3+ seconds to enter pairing mode. The "PAIRED channel" indicator will light up, the "UNPAIRED channel" indicator will not light up, and the "start to pair channel" indicator will flash.
2. Click the "PAIRED" button again to select a channel for your sensor to pair with.
3. Slide your mobile phone or a metal object parallel to the probe, or click the "Quick Paired" button on the transmitter. The transmitter should flash a light, and the next channel indicator should flash on the receiver. If these conditions occur, the pairing is successful.
4. After successful pairing, click the "RESET" button to exit pairing mode.
5. To verify pairing, slide your mobile phone or a metal object parallel to the probe again. The receiver should sound an alert.

Your browser does not support the video tag.

Video: "How to pair the transmitter and the receiver" - This video provides a step-by-step guide on pairing the sensor (transmitter) with the receiver unit.

## 4. INSTALLATION

---

### 4.1 Probe & Transmitter Installation

1. Assemble the PVC mounting tubes.
2. Run the probe cable through the assembled tube and plug it into the transmitter unit.
3. Stand the transmitter on the ground at your desired location.
4. Ensure the probe is buried approximately 0.5 feet (6 inches) underground. The probe should lie parallel to the edge of the driveway.
5. The length of the cable between the probe and the transmitter is 10 feet. Ensure the distance between the two is not too far to maintain connection.
6. To prevent the transmitter from shaking on the mounting tube, use the included zip tie to tighten the junction between the transmitter and the tube.

# Only detects the motion of vehicle/ metal

avoid false alarms from leaves or animals



Image: An installed sensor unit next to a driveway, illustrating its placement for vehicle detection.



Image: A sensor unit discreetly installed within landscaping, demonstrating flexible placement options.

# Easy to Install

Wireless Transmission Range

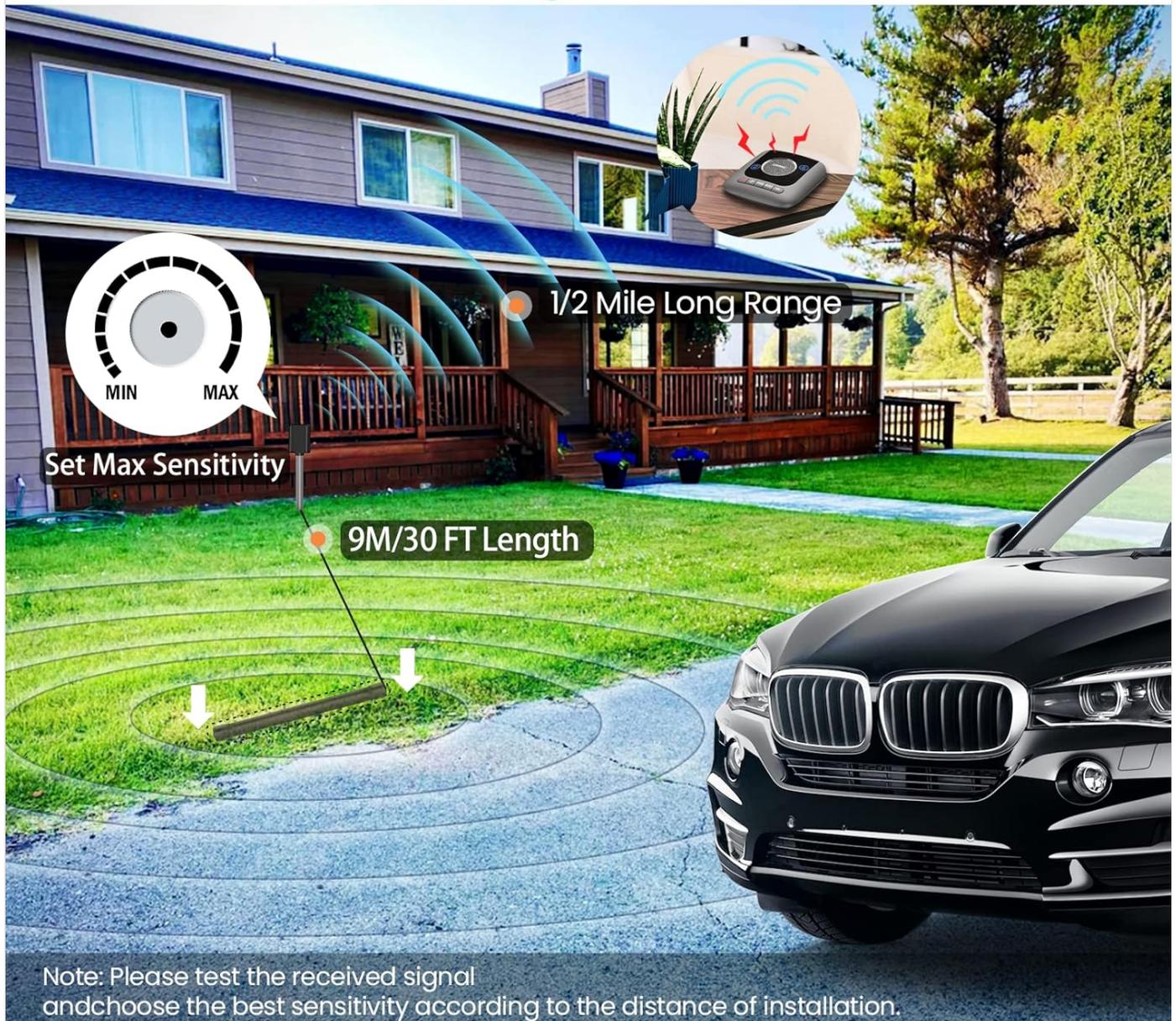


Image: A sensor unit installed near a tree, with an illustration of the probe buried underground parallel to the driveway.

## 5. OPERATING INSTRUCTIONS

### 5.1 Melodies & Volume Setting

- The receiver offers 12 different melodies. Click the music note button on the receiver to cycle through and choose a chime for all your sensors. Note: Each sensor cannot be set with different tones.
- There are 4 volume levels available, including a MUTE mode. Click the volume button to adjust the loudness.

# MAX.12 Foot Radius Detecting Distance 1/2 Mile Long Range

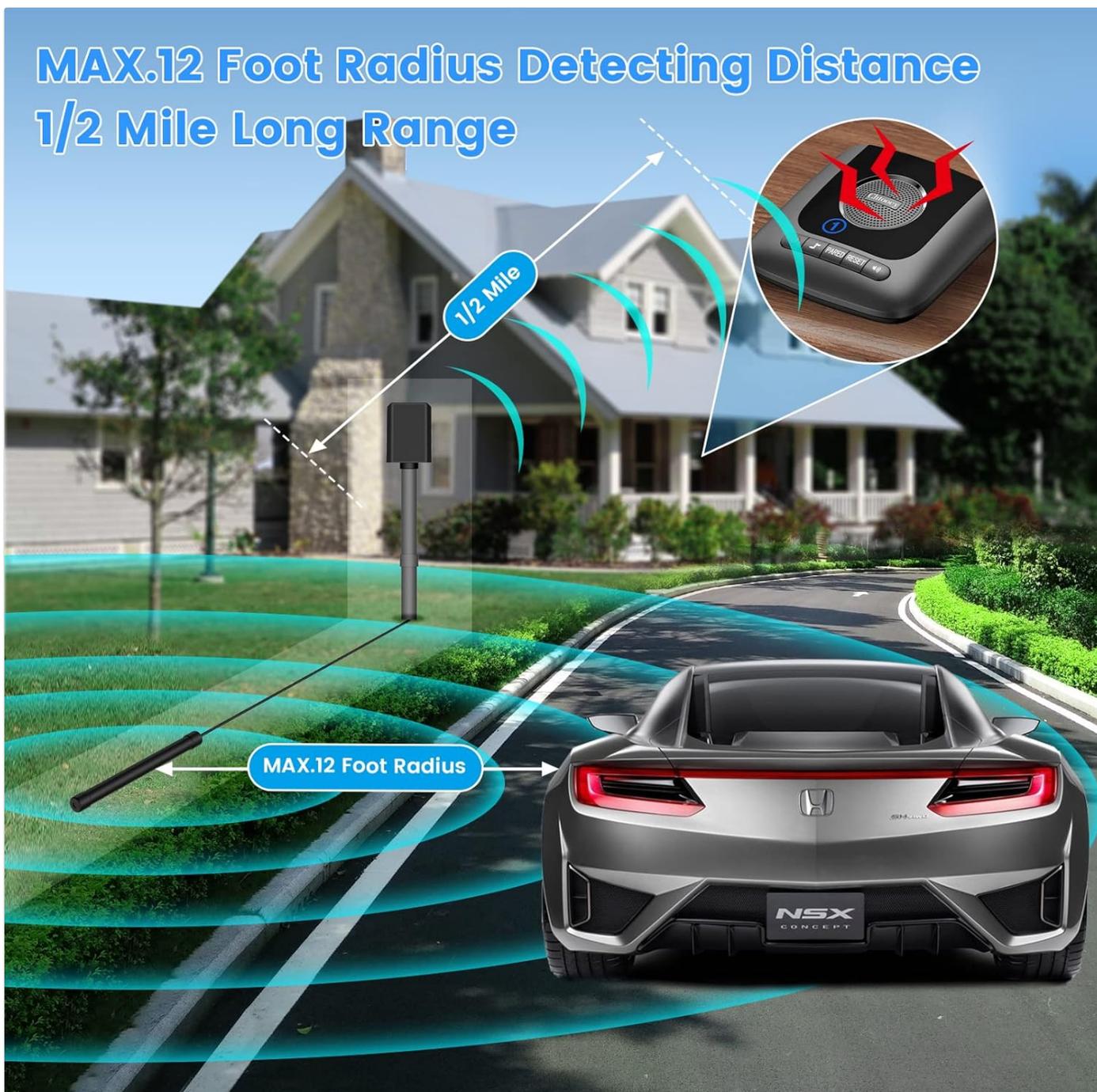


Image: The receiver unit displaying its control buttons for melody selection, volume adjustment, and pairing.

## 5.2 Usage Scenario

Once installed and paired, the system will alert you when a vehicle or large metal object enters the detection zone. The transmitter launches an alarm signal to the inside receiver when the probe detects metal movement. The receiver will then ring, and the corresponding channel indicator on the screen will flash for 1 minute.

# Upgrade Your Home Security

## Solar Wireless Sensor



Image: An illustration of the system in action, with a vehicle triggering the outdoor sensor and the indoor receiver sounding an alarm.

## 6. MAINTENANCE

- Ensure the solar panel on the transmitter is kept clean and free from debris (leaves, snow, dirt) to ensure optimal charging.
- Regularly check the low battery indicator on the receiver. If the sensor battery is low, fully charge the transmitter using the provided USB cable.
- Periodically inspect the probe and transmitter installation to ensure they remain securely in place and the probe is correctly buried.

## 7. TROUBLESHOOTING

- **Receiver Alerts Without Vehicle Detection:** If the receiver alerts when no vehicle is present, ensure the sensor is correctly installed and the sensitivity is not set too high. The system is designed to ignore animals and leaves.
- **Transmitter Not Flashing Light / Receiver Not Alerting:**

- a. Confirm both units are powered on and the receiver is plugged into AC power.
  - b. If the bottom indicator of the transmitter doesn't flash a light and the inside receiver doesn't alert when a vehicle passes the probe, please shorten the distance between the probe and the driveway. Also, confirm the sensitivity is in the high level.
  - c. If the transmitter flashes a light when the probe detects motion, but the inside receiver doesn't alert, please shorten the distance between the sensor (probe & transmitter) and the receiver, and continue testing the signal range.
- **Installation Abnormalities:** If you encounter any product installation or testing abnormalities, please refer to the instruction video and manual. If issues persist, contact customer support.

Your browser does not support the video tag.

Video: "Chtoocy 1/2 Mile Driveway Alarm Wireless Sensor System" - This video provides a comprehensive overview of the system, including setup and troubleshooting tips.

## 8. SPECIFICATIONS

<b>Brand</b>	Chtoocy
<b>Model Number</b>	CH-MR2022-11
<b>Item Dimensions (L x W x H)</b>	3 x 6 x 5 inches
<b>Item Weight</b>	2.59 pounds
<b>Material</b>	Plastic
<b>Color</b>	Black
<b>Power Source</b>	Battery Powered (1 Lithium Ion battery included)
<b>Mounting Type</b>	Wall Mount (for receiver)
<b>Specific Uses</b>	Vehicle Detection, Driveway Monitoring
<b>Upper Temperature Rating</b>	140 Degrees Fahrenheit
<b>Wireless Range</b>	Up to 1/2 Mile (2600 ft)
<b>Detection Range (Sensor)</b>	Up to 12 feet

## 9. WARRANTY AND SUPPORT

- **Warranty:** The product comes with a 1-Year Warranty.
- **Customer Support:** If you need any help or have any concerns in using our products, please feel free to contact us with your order ID via our Amazon email. We will assist you within 24 business hours.
- **Return Policy:** This product has a 30-day refund/replacement return policy.