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> [Chtoocy CH-921 Solar Wireless Driveway Alarm Motion Sensor User Manual](#)

Chtoocy CH-921 Sensor

Chtoocy CH-921 Solar Wireless Driveway Alarm Motion Sensor User Manual

Model: CH-921 Sensor

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Chtoocy CH-921 Solar Wireless Driveway Alarm Motion Sensor. Please read this guide thoroughly before use to ensure optimal performance and safety.



Image 1: Chtoocy Solar Wireless Motion Sensor with Waterproof Design. This image shows the sensor unit mounted on a wall next to a driveway, highlighting its solar panel, rechargeable battery, and operating temperature range.

2. PRODUCT COMPONENTS

The Chtoocy CH-921 Solar Wireless Driveway Alarm system typically includes the following components:

- Solar-powered Motion Sensor(s)
- Receiver Unit (if purchased as a kit)
- Mounting Hardware (screws, anchors)
- Charging Cable
- User Manual (this document)

- Quick Start Guide

3. SETUP AND INSTALLATION

3.1 Initial Charging

Before initial use, ensure the receiver unit is fully charged. The sensor unit comes with approximately 20% power from the factory and should also be charged before installation.

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Video 1: Getting Started with the 921 Wireless Driveway Alarm. This video demonstrates the initial charging process for both the sensor and receiver units.

3.2 Sensor Overview and Sensitivity Settings

The sensor features a power switch, charging port, LED indicator switch, and a sensitivity adjustment switch. There are three sensitivity levels (High, Medium, Low) to minimize false alarms from small animals or environmental factors.

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Video 2: 921 Driveway Alarm Sensor Overview. This video details the features of the sensor, including sensitivity settings and the LED indicator switch.



Image 2: Three Sensitivity Levels. This image illustrates the different detection ranges (0-33ft for High, 0-25ft for Medium, 0-15ft for Low) and how they relate to vehicle detection.

3.3 Receiver Overview

The receiver unit can be powered via AC power or 4 AA batteries. It features a power button, volume settings, tone selection, and pairing functions.

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Video 3: 921 Driveway Alarm Receiver Overview. This video provides a detailed look at the receiver's functions, including power options, volume, and tone settings.

2 Ways Alarm for Receiver Work



Image 3: Two Ways Alarm for Receiver Work. This image shows the receiver being powered by a DC5V adapter and also indicates its ability to run on 4 AAA batteries.

3.4 Sensor Installation

The sensor is designed for easy screw mounting. Use the provided screwdriver to secure the base plate, then attach the sensor and adjust its angle for optimal detection. The sensor can be rotated to remove it from the base for charging without dismounting the base.

Easy to Mounting & Disassemble

Wireless Motion Sensor



Screw Mounting

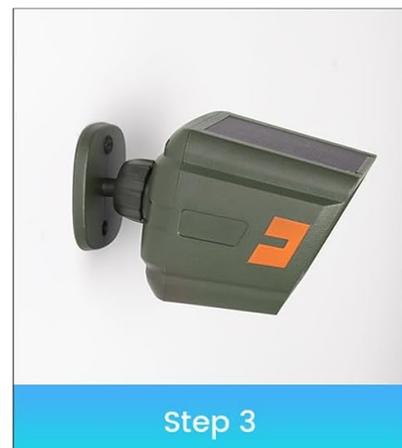
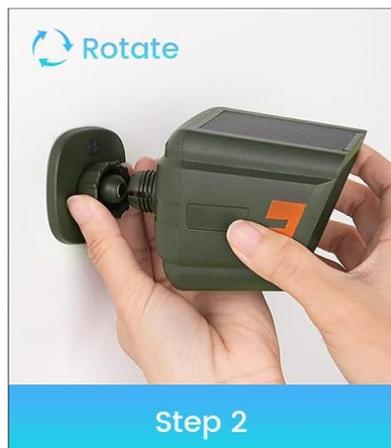
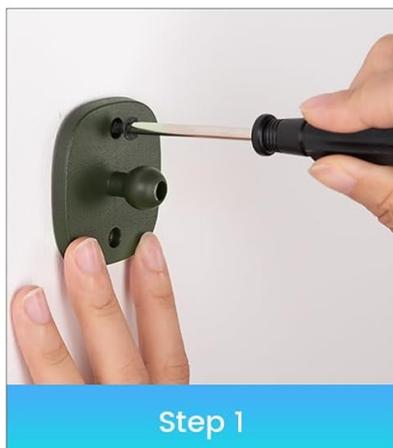


Image 4: Easy to Mounting & Disassemble. This image demonstrates the three steps for screw mounting the sensor and its adjustable angle.

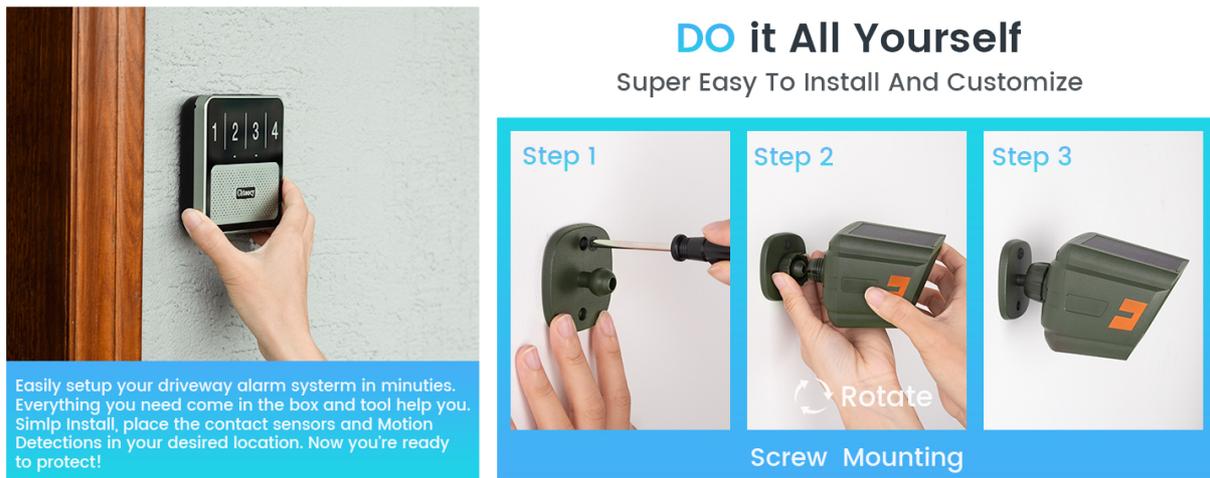


Image 5: Do It All Yourself - Super Easy To Install And Customize. This image shows the receiver mounted on a wall and the three steps for screw mounting the sensor.

4. OPERATING INSTRUCTIONS

4.1 Pairing Sensors and Setting Tones

The system allows for customizable alarm tones for each sensor, enabling you to identify which zone has been triggered. To pair a sensor and assign a unique tone:

1. **Clear History:** Press and hold the Power button and Paired button on the receiver simultaneously until the screen flashes.
2. **Select Channel:** Long press the Paired button to select the desired channel (1-4) for the sensor.
3. **Select Tone:** Press the Tones button to cycle through the 12 available alarm tones.
4. **Trigger Sensor:** Wave your hand in front of the sensor to send a signal. The receiver will ring with the selected tone, and the corresponding channel number will flash for one minute, indicating successful pairing.

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Video 4: How to Set Different Music for Each Sensor. This video guides you through the process of pairing sensors and assigning distinct tones.

Make Each Sensor Have Different Sound

Select Special Alerted Music for The Sensor



These will effectively alert you to visitors and potentially unwanted intruders.

Image 6: Make Each Sensor Have Different Sound. This image shows the receiver and two sensors, illustrating how different sounds can be assigned to sensors placed in various locations like a gate, driveway, garage, or for home surveillance.

Before Pairing, please Clear The History: Long press the Power & Paired Button, and the screen will flash.

Easy to Select Special Music for Each sensor

One by one Choose A Mark



Image 7: Easy to Select Special Music for Each Sensor. This image provides a step-by-step visual guide on how to clear history, select a channel, choose music, and wave your hand in front of the detector to pair.

4.2 Expanding the System

The Chtoozy driveway alarm system is expandable, allowing you to add up to 4 additional sensors and receivers to cover larger areas.

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Video 5: How to Pair and Expand The System. This video demonstrates the steps to add extra sensors and receivers to your existing system.

Full Expandable Monitoring System

Keep Your Safety In Your Hand



Image 8: Full Expandable Monitoring System. This image shows multiple sensors and receivers covering different areas of a property, indicating the system's expandability.



Image 9: Keep Your Safety In Your Hand - Full Expandable Monitoring System. This image reinforces the concept of an expandable system for comprehensive property monitoring.

5. MAINTENANCE

The solar panel on the sensor helps maintain the battery charge. On a full charge, the sensor's rechargeable battery can last up to 24 months. Regularly check the sensor's solar panel for dirt or debris and clean it gently to ensure efficient charging. The sensor has an accurate waterproof rating, designed to withstand tough outdoor conditions.



Image 10: Waterproof and Adjustable Angle. This image highlights the sensor's waterproof feature and its adjustable mounting angle.

6. TROUBLESHOOTING

If you encounter any product installation or test abnormalities, please refer to the included detailed manual and Quick Start Guide for troubleshooting steps. Common issues may include:

- **No Detection:** Check sensor placement, ensure it's within range (up to 1/2 mile in ideal conditions), and verify sensitivity settings.
- **False Alarms:** Adjust sensor sensitivity to a lower setting (Medium or Low) to avoid triggers from small animals or environmental factors like leaves.
- **No Signal to Receiver:** Ensure both sensor and receiver are powered on and properly paired. Clear pairing history and re-pair if necessary. Check for obstructions that might interfere with the wireless signal.
- **Low Battery:** Recharge the sensor and/or replace receiver batteries. The solar panel should keep the sensor charged under sufficient sunlight.

For persistent issues, please contact customer support.

7. SPECIFICATIONS

Brand	Chtoocy
Model Number	CH-921 Sensor
Color	Green
Power Source	Battery Powered (Solar Charging)
Maximum Detection Range	30 Feet (Sensor)
Wireless Transmission Range	1/2 Mile (3000 ft)
Mounting Type	Wall Mount
Battery Type	Lithium-Ion (included)
Battery Life (Sensor)	Up to 24 months on full charge
Item Weight	7.4 ounces
Product Dimensions	4.13 x 2.95 x 3.94 inches
UPC	786411741786

8. WARRANTY AND SUPPORT

Chtoocy provides a 2-year quality warranty and lifetime service for this outdoor motion sensor. If you have any questions or concerns about your purchase, please feel free to contact us. Our customer support is available 24 hours online to assist you.