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HTZSAFE 805A+2T704

HTZSAFE Solar Wireless Driveway Alarm System User Manual

Model: 805A+2T704

PRODUCT OVERVIEW

The HTZSAFE Solar Wireless Driveway Alarm System provides a reliable and convenient solution for monitoring activity around your property. This system features solar-powered motion sensors that eliminate the need for battery replacement, and a plug-in alarm receiver with customizable alerts. It is designed for easy installation and offers a wide transmission range, making it ideal for driveways, walking paths, and other outdoor areas.



Figure 1: HTZSAFE Solar Wireless Driveway Alarm System components.

The system includes:

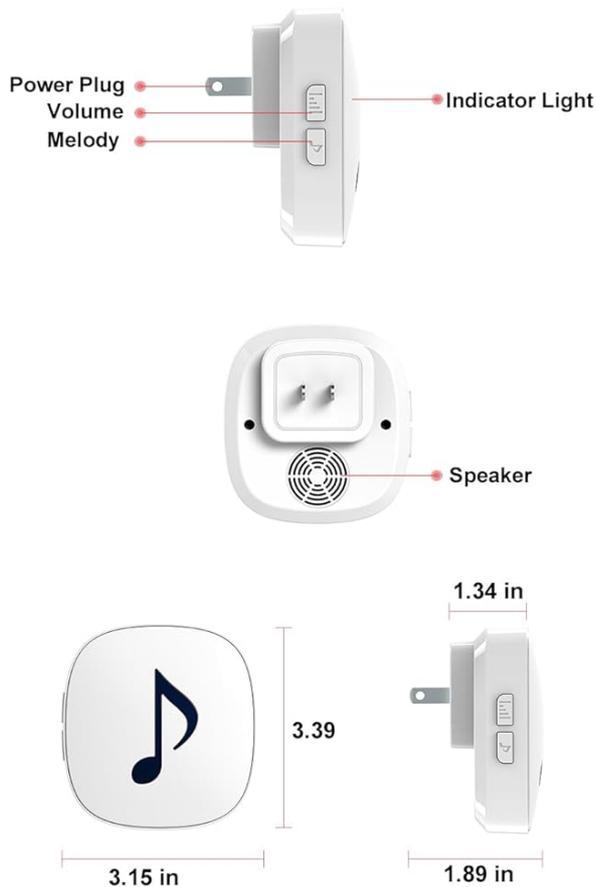
- Solar-powered motion sensors (2 units)
- Plug-in alarm receiver (1 unit)
- Mounting hardware
- User manual (this document)

PARTS AND COMPONENTS

Familiarize yourself with the main parts of your HTZSAFE system:

PARTS & SIZE

PIUG-IN ALARM RECEIVER



SOLAR WIRELESS MOTION SENSOR



Figure 2: Detailed view of the alarm receiver and motion sensor components.

Plug-in Alarm Receiver

- **Power Plug:** For connecting to a standard electrical outlet.
- **Volume Button:** Adjusts the alarm volume (4 levels).
- **Melody Button:** Cycles through 35 optional ringtones.
- **Indicator Light:** Illuminates when motion is detected.
- **Speaker:** Emits the selected alarm melody.

Solar Wireless Motion Sensor

- **Solar Panel:** Charges the built-in rechargeable battery.
- **Sensor Eye:** Detects motion.
- **ON/OFF Switch:** Powers the sensor on or off.
- **Charge Jack:** For optional wired charging.
- **Ball-Joint Mounting Plate:** Allows for flexible sensor positioning.

- **Drain Hole:** Helps prevent water accumulation.

SETUP AND INSTALLATION

The HTZSAFE system is designed for quick and easy setup. The sensors and receiver are pre-programmed at the factory.

1. Initial Charging (Sensors)

While the sensors are solar-powered, it is recommended to fully charge them before the first use, especially if they have been stored for a long time or if initial installation is in a low-light area. The solar panel will charge the battery even on cloudy or rainy days.



Figure 3: Solar charging of the motion sensor.

2. Receiver Placement

Plug the alarm receiver into a standard electrical outlet inside your home or desired monitoring area. Ensure it is within the wireless transmission range of the sensors (up to 1/4 mile, actual range may vary based on terrain and obstacles).

3. Sensor Mounting and Positioning

Mount the solar motion sensors in your desired outdoor locations, such as along a driveway or walking path. Consider the following for optimal performance:

- **Detection Range:** The sensor detection range is up to 50 feet. It has 3 adjustable sensitivities: High (50ft), Mid (30ft), Low (25ft). Adjust as needed to prevent false alarms from small animals or distant movement.
- **Line of Sight:** While the system has a long wireless range, minimizing obstacles between the sensor and receiver

can improve signal strength.

- **Sunlight Exposure:** Position the solar panel to receive maximum direct sunlight throughout the day for continuous charging.
- **Mounting Height:** Mount the sensor at a height that allows for optimal detection of the intended targets (e.g., vehicles, people) while minimizing detection of unintended objects (e.g., tall grass, small animals).



Figure 4: Example of sensor placement and detection.



Figure 5: Illustrating wireless transmission and detection ranges.

OPERATING INSTRUCTIONS

Adjusting Volume

Press the **Volume Button** on the alarm receiver to cycle through the 4 available volume levels (Low, Medium, High, Mute).

Changing Ringtones

Press the **Melody Button** on the alarm receiver to cycle through the 35 available ringtones. You can assign different ringtones to different sensors to distinguish the detection location (e.g., "Ding Dong" for the front door, "Jingle Bells" for the backyard).

Expanding the System

The HTZSAFE system is fully expandable. You can add up to 32 sensors and an unlimited number of alarm receivers for comprehensive property coverage. Refer to the specific pairing instructions provided with additional sensors/receivers if purchased separately.

FULLY EXPANDABLE SYSTEM

Add additional sensors and receivers for monitoring and completing coverage of your property



Figure 6: The system can be expanded with additional sensors and receivers.

MAINTENANCE

- **Solar Panel Cleaning:** Periodically wipe the solar panel on the motion sensors with a soft, damp cloth to ensure optimal charging efficiency. Remove any dirt, dust, or debris that may accumulate.
- **Sensor Eye Cleaning:** Keep the sensor eye clear of obstructions and clean it regularly to maintain accurate motion detection.
- **Drain Hole Check:** Ensure the drain hole at the bottom of the sensor is not blocked to allow for proper water drainage.
- **Battery Longevity:** The built-in rechargeable batteries are designed for long-term use. Avoid prolonged storage in extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sensor not detecting motion.	Sensor is off. Low battery. Obstruction in front of sensor eye. Incorrect sensitivity setting.	Ensure sensor is switched ON. Allow sensor to charge in direct sunlight or use the charge jack. Clear any debris from the sensor eye. Adjust sensitivity to 'High' if needed.

Problem	Possible Cause	Solution
Receiver not alarming.	Receiver is unplugged or off. Volume is muted. Sensor and receiver are out of range. Interference.	Ensure receiver is plugged in and powered on. Increase volume using the Volume Button. Relocate sensor or receiver closer to each other. Minimize large metal objects or thick walls between units.
False alarms.	Sensor too sensitive. Movement of trees/bushes. Small animals. Direct sunlight/temperature changes.	Reduce sensor sensitivity (Mid or Low). Adjust sensor angle to avoid foliage. Mount sensor higher or adjust angle to avoid small animals. Ensure sensor is not directly facing rising/setting sun or heat sources.

If you continue to experience issues, please refer to the [official user manual PDF](#) or contact HTZSAFE customer support.

SPECIFICATIONS

Feature	Detail
Model Number	805A+2T704
Brand	HTZSAFE
Power Source	Solar, Battery Powered (Rechargeable Battery with Solar Charging)
Sensor Technology	PIR Sensor
Wireless Transmission Range	Up to 1/4 mile (actual range varies)
Sensor Detection Range	Up to 50 feet (adjustable: Hi=50ft, Mid=30ft, Low=25ft)
Operating Temperature	-22°F to 158°F (-30°C to 70°C)
Waterproof Rating (Sensor)	IP66
Volume Levels	4
Ringtones	35 options
Expandability	Up to 32 sensors, unlimited receivers
Item Weight	2.27 pounds
UPC	605244295511

WARRANTY AND SUPPORT

For warranty information and customer support, please visit the official HTZSAFE website or contact their customer service directly. You can also refer to the [User Manual \(PDF\)](#) for additional details.

HTZSAFE Store on Amazon: [HTZSAFE Store](#)

