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CPVAN CP2W

CPVAN Indoor Motion Sensor Alarm User Manual

Model: CP2W

1. INTRODUCTION AND OVERVIEW

The CPVAN Indoor Motion Sensor Alarm is a wireless infrared PIR motion detector designed to enhance security in various indoor environments such as homes, garages, vans, sheds, and shops. This battery-operated system features a powerful 125dB siren and adjustable chime mode, providing robust protection against unauthorized entry. Its state-of-the-art passive-infrared (PIR) technology detects movement within its detection zone, keeping you informed and safe.

The system is easy to install and operate, offering remote control functionality for convenient arming and disarming. It is a reliable and cost-effective solution for personal security needs.

2. PRODUCT COMPONENTS

The CPVAN Motion Sensor Alarm system includes the following components:

- 1 x CPVAN Motion Sensor Alarm Unit
- 1 x Remote Control
- 3 x AA Batteries (pre-installed or included)
- 1 x Mounting Bracket
- Screws and Adhesive Pad for installation
- User Manual (this document)



Figure 2.1: CPVAN Motion Sensor Alarm Unit and Remote Control.



- | | | |
|------------------------------------|------------------------------|---------------------------|
| 1 Volume/Pairing button | 2 Arming/Disarming | 3 Mode Button |
| 4 Arm Button | 5 Disarm Button | 6 Adjusting Volume |
| 7 SOS Button | 8 Siren (125dB) | 9 Detection Window |
| 10 3*AA batteries(included) | 11 Child Safety Screw | 12 DC5V |

Figure 2.2: Detailed view of the alarm unit and remote control with labeled parts. Key components include the Volume/Pairing button, Arming/Disarming button, Mode button, Arm button, Disarm button, Adjusting Volume, SOS button, Siren (125dB), Detection Window, 3*AA batteries, Child Safety Screw, and DC5V port.

3. SETUP AND INSTALLATION

3.1 Battery Installation

The CPVAN Motion Sensor Alarm is powered by 3 AA batteries (included). To install or replace batteries:

1. Locate the battery compartment on the back of the alarm unit.
2. Open the battery cover.
3. Insert 3 AA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

The unit can also be powered via a DC5V power adapter (not included) using the DC5V port.

Child Safety Screw



Figure 3.1: Illustration of battery installation and the child safety screw on the alarm unit.

3.2 Mounting the Alarm Unit

The alarm unit can be mounted using the provided bracket, screws, or adhesive pad. Choose a location that provides optimal detection coverage and is within the desired communication range of the remote control (up to 328ft/100m in open areas).

- **Optimal Placement:** Position the alarm unit where its infrared sensor can detect movement effectively. The detection range is approximately 16-26ft (5-8m) with a wide-angle detection of 110 degrees.
- **Adjustability:** The mounting bracket allows the alarm to tilt and rotate, enabling you to point the PIR sensor precisely where needed.
- **Installation Method:**
 - **Screws:** For a permanent and secure installation, use the provided screws to attach the bracket to a wall or surface.
 - **Adhesive Pad:** For a less permanent solution, use the adhesive pad to stick the bracket to a clean, dry surface.

Wide-Angle Detects



Figure 3.2: The alarm unit offers wide-angle detection (110°) with a detection distance of up to 8 meters.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Functions

The remote control allows for easy operation of the alarm system:

- **Arm Button** (🔒): Press to arm the alarm system. The alarm will enter monitoring mode.
- **Disarm Button** (🔓): Press to disarm the alarm system. The alarm will exit monitoring mode.
- **Home Button** (🏠): Activates the chime function. In this mode, the unit will produce a chime sound instead of a full alarm when motion is detected.
- **SOS Button** (🚨): Press to trigger the alarm immediately, regardless of the arming status.

4.2 Adjusting Volume and Pairing

The volume of the alarm and chime can be adjusted using the volume keys on the main unit or via the remote control. To pair additional remotes or adjust settings, refer to the detailed instructions provided in the full user manual (if applicable) or the product's online support resources.

Note: You can control two alarm units with one remote control, or two remotes can control one alarm unit after pairing. This PIR motion sensor cannot be expanded with other PIR motion sensors.

4.3 Usage Scenarios

The CPVAN Motion Sensor Alarm is versatile and can be used to protect various areas:

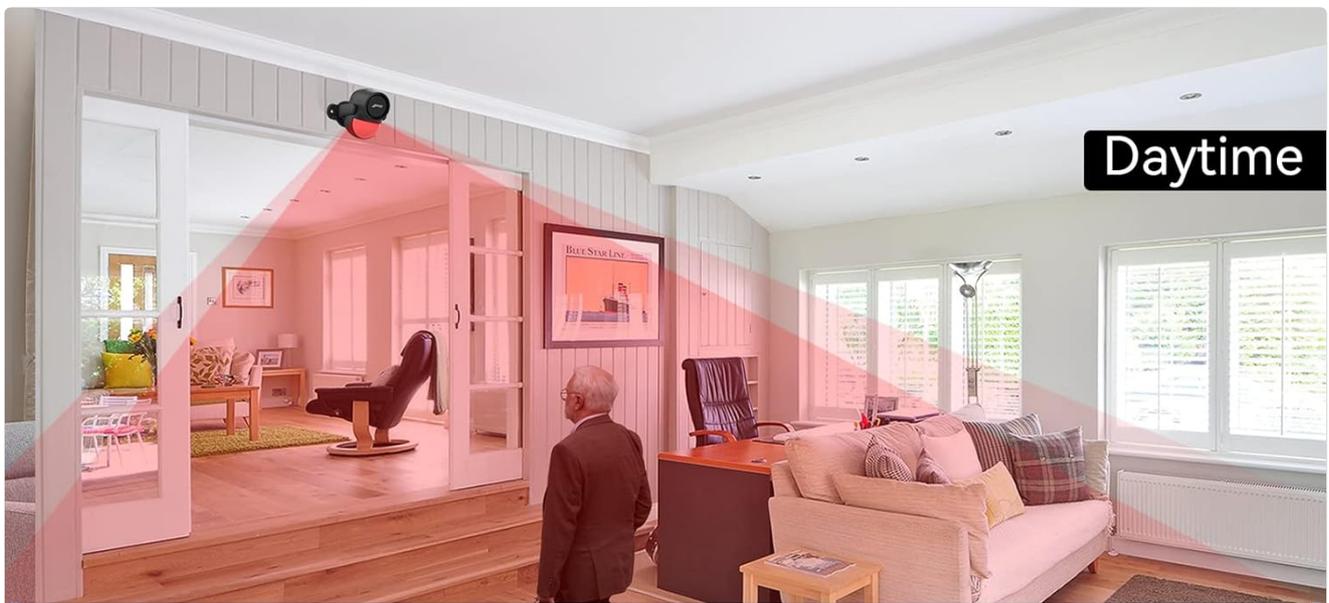


Figure 4.1: The alarm can be positioned to protect areas where children play, providing an alert if they approach restricted zones.

Protect Cars Safe



Figure 4.2: Ideal for securing vehicles like cars, vans, or caravans, providing an alert for unauthorized access.



24H Protect Your Home Security



Figure 4.3: Provides 24-hour protection for your home security, detecting motion both during the day and at night.

5. MAINTENANCE

5.1 Battery Replacement

When the alarm unit's performance degrades or the indicator light signals low battery, replace the 3 AA batteries as described in Section 3.1. Always use fresh, high-quality alkaline batteries for optimal performance and longevity.

5.2 Cleaning

To maintain the alarm's functionality and appearance:

- Wipe the exterior of the unit with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the plastic components or internal electronics.

- Ensure the detection window is kept clean and free from dust or obstructions for accurate motion detection.

6. TROUBLESHOOTING

If you encounter issues with your CPVAN Motion Sensor Alarm, refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|-------------------------------------|---|---|
| Alarm not triggering on motion. | Alarm is disarmed. Low batteries. Sensor obstructed or misaligned. Motion outside detection range. | Ensure the alarm is armed using the remote control. Replace batteries. Check for obstructions and adjust sensor angle. Reposition the alarm unit closer to the area to be monitored. |
| Remote control not working. | Remote battery low/dead. Out of range. Not paired correctly. | Replace remote control battery (typically a coin cell battery). Move closer to the alarm unit. Refer to pairing instructions (if available) or contact support. |
| Alarm sounds too quiet or too loud. | Volume setting needs adjustment. | Adjust the volume using the buttons on the main unit or the remote control. |
| False alarms. | Heat sources or air currents. Pets or small animals. Direct sunlight on sensor. | Reposition away from vents, heaters, or direct sunlight. Adjust sensor angle to avoid detecting pets. |

If the problem persists after trying these steps, please contact CPVAN customer support for further assistance.

7. SPECIFICATIONS

| Feature | Detail |
|--------------------|------------------------|
| Brand | CPVAN |
| Model Number | CP2W |
| Part Number | CP2 Pro black |
| Product Dimensions | 7 x 6 x 10 cm |
| Item Weight | 270 g (0.27 Kilograms) |
| Color | Van Alarm (Black) |
| Material | Plastic |
| Power Source | Battery Powered / DC |

| Feature | Detail |
|------------------------------|----------------------------------|
| Batteries Required | 3 AA batteries (included) |
| Voltage | 5 Volts (DC) |
| Installation Method | Wireless DIY |
| Noise Level | 120 dB (Alarm) / 125 dB (Siren) |
| Detection Range | Approximately 16-26ft (5-8m) |
| Detection Angle | 110 degrees |
| Communication Range (Remote) | Up to 328ft (100m) in open place |
| Alert Type | Motion Only (Alarm or Chime) |

8. WARRANTY AND TECHNICAL SUPPORT

CPVAN is committed to providing high-quality security products. This product is covered by our warranty. For any technical assistance, troubleshooting beyond this manual, or warranty claims, please contact CPVAN customer support. Please refer to the official CPVAN website or your purchase documentation for specific warranty terms and contact information.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - CP2W

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|  <p>CPVAN CP2 PIR Motion Sensor Alarm Compatible with CPVAN Home Alarm System</p> | <p>CPVAN CP2 PIR Motion Sensor Alarm User Manual</p> <p>This manual provides instructions for the CPVAN CP2 PIR Motion Sensor Alarm, covering setup, operation, pairing, and troubleshooting. Learn how to arm, disarm, change sounds, and add sensors to your home security system.</p> |
|  <p>CPVAN CP2 PIR Motion Sensor Alarm Compatible with CPVAN Home Alarm System</p> | <p>CPVAN CP2 PIR Motion Sensor Alarm User Manual</p> <p>User manual for the CPVAN CP2 PIR Motion Sensor Alarm, detailing setup, operation, pairing, troubleshooting, and technical specifications for home security.</p> |
|  <p>CPVAN WiFi PIR Motion Sensor Alarm Compatible with our CPVAN Home Alarm System</p> | <p>CPVAN WiFi PIR Motion Sensor Alarm User Manual</p> <p>Comprehensive user manual for the CPVAN WiFi PIR Motion Sensor Alarm, detailing setup, product overview, specifications, preparation, and operation instructions for home security.</p> |

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|  <p>CPVAN WiFi PIR Motion Sensor Alarm Compatible with CPVAN Home Alarm System</p> | <p>CPVAN WiFi PIR Motion Sensor Alarm User Manual</p> <p>Comprehensive user manual for the CPVAN WiFi PIR Motion Sensor Alarm, detailing setup, features, and operation for home security.</p> |
|  | <p>CPVan Pet Immune PIR Motion Sensor: Operation Instructions and Features</p> <p>Comprehensive guide to the CPVan Pet Immune PIR Motion Sensor, covering installation, features, mode settings, and technical specifications for CPVan Home Alarm Systems.</p> |
|  | <p>CPVAN P06 WiFi PIR Motion Sensor User Manual Installation & Setup Guide</p> <p>User manual for the CPVAN P06 WiFi PIR Motion Sensor. This guide provides detailed instructions on installation, setup, and features for the smart motion detector.</p> |