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CPVAN CP2

CPVAN Motion Detector Alarm (Model CP2) User Manual

Model: CP2

1. Product Overview

The CPVAN CP2 Motion Detector Alarm is a comprehensive security solution designed for various applications, including homes, RVs, boats, offices, sheds, and garages. This device features advanced infrared detection technology and a powerful 125 dB siren to deter intruders and alert occupants.

Image 1: The CPVAN Motion Detector Alarm unit shown with its accompanying remote control. The alarm unit is black with a

red detection window, and the remote has four buttons: arm, disarm, home mode, and SOS.

Key features include:

- **High-Decibel Siren:** Emits a 125 dB alarm, audible up to 100 meters in open areas.
- **Advanced Motion Detection:** Infrared technology with a detection range of 5 to 8 meters and a 110° angle.
- **Flexible Power Options:** Operates on 3 AA batteries (included) or a 5V/1A power adapter (not included).
- **Remote Control:** Allows for convenient arming, disarming, and SOS activation.
- **Delayed Arming:** Provides a 3-second delay after arming to allow users to exit the detection area.
- **Low Battery Alert:** Notifies users when battery replacement is needed.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x CPVAN Motion Sensor Alarm Unit
- 1 x Remote Control
- 3 x AA Batteries (pre-installed)
- 1 x Double-Sided Adhesive Sticker
- 1 x Battery Cover Screw
- 2 x Rubber Screw Plugs
- 2 x Mounting Screws
- 1 x User Manual (this document)

3. Product Components

Familiarize yourself with the different parts of your CPVAN Motion Detector Alarm and its remote control:

Image 2: Detailed diagram showing the various components of the CPVAN Motion Detector Alarm and its remote control. Key parts include the Volume/Pairing button, Arming/Disarming button, Mode button on top of the alarm, and Arm, Disarm, Adjusting Volume, and SOS buttons on the remote. The alarm unit also features a Siren, Detection Window, Child Safety Screw, and DC5V power input.

1. **Volume/Pairing Button:** Located on the top of the alarm unit, used for adjusting volume and pairing the remote.
2. **Arming/Disarming Button:** Located on the top of the alarm unit, used for manual arming/disarming.
3. **Mode Button:** Located on the top of the alarm unit, used to switch between alarm and chime modes.
4. **Arm Button (Remote):** Locks the system, activating the alarm function.
5. **Disarm Button (Remote):** Unlocks the system, deactivating the alarm function.
6. **Adjusting Volume Button (Remote):** Changes the volume level of the siren/chime.
7. **SOS Button (Remote):** Triggers an immediate alarm in emergencies.
8. **Siren (125dB):** The sound output component.
9. **Detection Window:** The infrared sensor that detects motion.
10. **Child Safety Screw:** Secures the battery compartment.
11. **DC5V Input:** Port for optional wired power supply.

4. Setup and Installation

4.1 Power Supply

The CPVAN Motion Detector Alarm offers two power options:

- **Battery Powered:** Uses 3 AA batteries (included). These are typically pre-installed.
- **Wired Power:** Can be powered by a 5V/1A power adapter (not included) via a USB cable (not included) connected to the DC5V input.

Image 3: Illustration showing the battery compartment of the CPVAN Motion Detector Alarm, located at the bottom of the unit. It requires 3 AA batteries and is secured by a child safety screw.

4.2 Mounting Options

The alarm unit can be installed using one of two methods:

- **Screw Mounting:** For permanent installation on walls or ceilings. Use the provided screws and rubber

plugs.

- **Adhesive Mounting:** For temporary or less invasive installation using the provided double-sided adhesive sticker.

Choose the installation method that best suits your needs and the desired location for the alarm.

5. Operating Instructions

5.1 Basic Functionality

The CPVAN Motion Detector Alarm operates on the principle of infrared motion detection. When a moving object enters the detection area, the alarm will trigger, emitting a 125 dB siren or a loud chime, depending on the selected mode. This is effective for alerting you to the presence of intruders or visitors.

Image 4: A visual representation of the CPVAN Motion Detector Alarm in action, showing its 125dB siren effectively deterring a potential intruder in a home setting. The alarm is placed on a shelf, indicating its compact size and versatile placement options.

5.2 Remote Control Usage

The included remote control allows for convenient management of the alarm system:

- **Arming:** Press the **Arm** button (lock icon) on the remote to activate the alarm.
- **Disarming:** Press the **Disarm** button (unlock icon) on the remote to deactivate the alarm.
- **SOS Function:** Press the **SOS** button to trigger an immediate emergency alarm.
- **Volume Adjustment:** Use the **Adjusting Volume** button (bell icon) to cycle through volume levels.

The alarm features a **3-second delay arming** function. After you arm the alarm with the remote, it will not be triggered immediately, providing you with a brief period to leave the alert area without setting off the alarm.

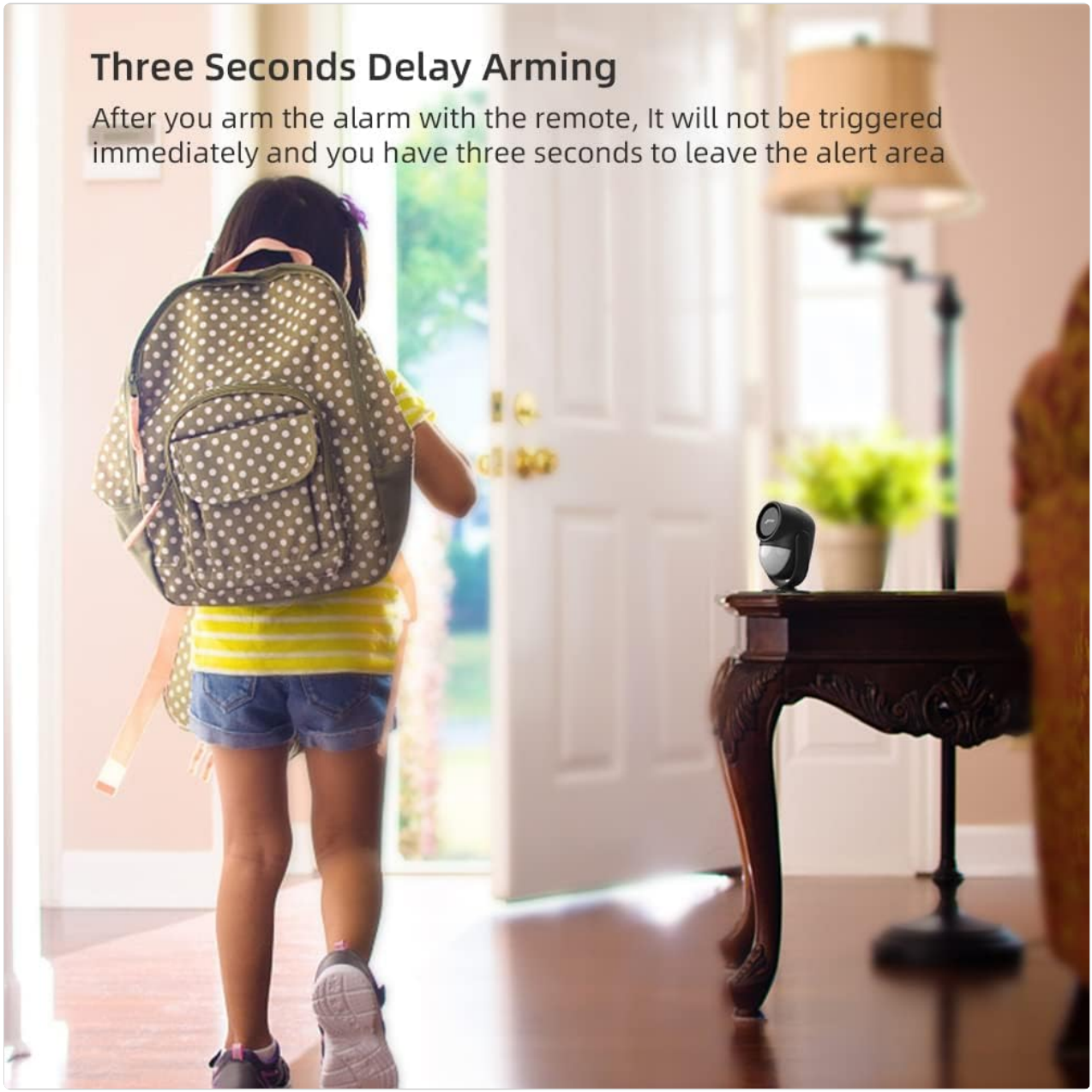

Image 5: This image illustrates the 3-second delay arming feature of the CPVAN Motion Detector Alarm. A person is shown exiting a room after arming the alarm, highlighting the brief grace period before the system becomes fully active.

5.3 Detection Area

The alarm's infrared sensor has a detection range of up to 8 meters (approximately 26 feet) and a wide detection angle of 110 degrees. For optimal performance, position the alarm in a location that covers the desired entry points or areas of concern.

Image 6: A visual representation of the CPVAN Motion Detector Alarm's detection capabilities, showing its 110-degree wide angle and an effective detection distance of less than 8 meters within a room. The red shaded area indicates the sensor's coverage.

6. Maintenance

6.1 Battery Replacement

The CPVAN Motion Detector Alarm is equipped with a low battery alert feature. When the battery level is low, the detector will emit a small ticking sound every few minutes to remind you to change the batteries. To replace the batteries:

1. Locate the battery compartment on the bottom of the alarm unit.
2. Unscrew the child safety screw to open the compartment.
3. Remove the old AA batteries and insert three new AA batteries, ensuring correct polarity.
4. Close the battery compartment and secure it with the child safety screw.

7. Troubleshooting

This section addresses common issues you might encounter with your CPVAN Motion Detector Alarm.

7.1 Alarm Not Functioning / Weak Siren

- **Check Battery Level:** If the alarm is emitting a ticking sound, the batteries are low and need to be replaced. Refer to Section 6.1 for battery replacement instructions.
- **Power Source:** Ensure that if using wired power, the 5V/1A adapter is correctly connected and functioning.

7.2 False Alarms

- **Sensor Placement:** Ensure the alarm is not placed near heat sources, direct sunlight, or areas with significant air currents (e.g., near vents or open windows) that could cause false triggers.
- **Obstructions:** Verify that there are no objects intermittently blocking the detection window.

8. Specifications

Detailed technical specifications for the CPVAN Motion Detector Alarm (Model CP2):

Feature	Specification
Model Number	CP2
Brand	CPVAN
Color	Black
Power Source	3 x AA Batteries (included) or 5V/1A DC Adapter (not included)
Battery Type	Alkaline
Standby Current	<300 uA
Operating Current	<100 mA
Shutdown Current	<40 uA
Detection Range	5-8 meters (approx. 16-26 feet)
Detection Angle	110°
Siren Volume	125 dB
Product Dimensions (L x W x H)	10 x 7.8 x 5.5 cm (approx. 3.94 x 3.07 x 2.17 inches)
Product Weight	220 Grams (approx. 0.49 lbs)
Mounting Type	Wall Mount, Ceiling Mount (Screw or Adhesive)
Compatible Devices	Remote Control

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Related Documents

	CPVAN CP2 PIR Motion Sensor Alarm User Manual 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.
	CPVAN Home Alarm System CP9 User Manual and Product Overview Comprehensive guide to the CPVAN Home Alarm System CP9, covering product overview, setup, features, and specifications for base station, remote control, door/window sensors, and PIR motion sensors.
	CPVAN WiFi PIR Motion Sensor Alarm User Manual Comprehensive user manual for the CPVAN WiFi PIR Motion Sensor Alarm, detailing setup, features, and operation for home security.
	CPVan Pet Immune PIR Motion Sensor: Operation Instructions and Features Comprehensive guide to the CPVan Pet Immune PIR Motion Sensor, covering installation, features, mode settings, and technical specifications for CPVan Home Alarm Systems.

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[pdf] User Manual Instructions

CP2 User Manual with 5 language CPVAN buttons on the top First preparation of PIR Motion Sensor Alarm Slide off back lid and insert 3 AAA batteries Close 1 x motion sensor alarm remote control 5V alkaline Flexible mount Pair screws Instructions for use cpvansmart 2020 04

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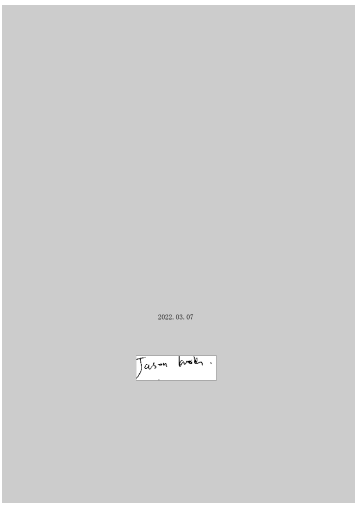

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13 Adria Galin Pons Applus Letter Authorization SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO LTD CP2PRO Motion Sensor Alarm 2A5JT 2A5JTCP2PRO cp2pro

C5266091_X8_Ed.1 Letter of Authorization SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO., LTD Company: SHEN ... ommunity, Dalang Street, Longhua District, Shenzhen. Product Name:Motion Sensor Alarm Model Number: **CP2** PRO, **CP2**D, **CP2** FCC Identifier: 2A5JT-**CP2**PRO We authorize LGAI Technological Center S.A., Ronda d...

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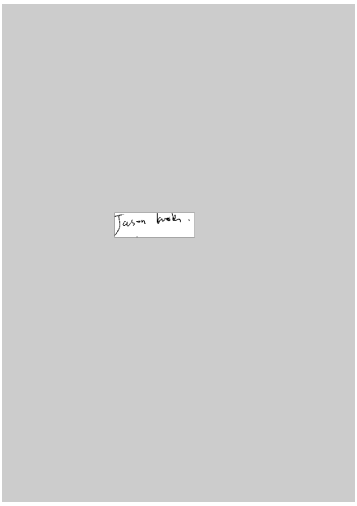

[pdf] Decleration of Conformity

tom WwW YlmF CoM Model family declaration SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO LTD CP2PRO Motion Sensor Alarm 2A5JT 2A5JTCP2PRO cp2pro

SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO., LTD Model Difference Product description:Motion Sensor Alarm Model name:**CP2** PRO, **CP2**D, **CP2** Trade Name: CPVAN FCC ID: 2A5JT-**CP2**PRO All the model are the same circuit and RF module, only for model name. Regards Sincerely Client s signature: Client s name / tit...

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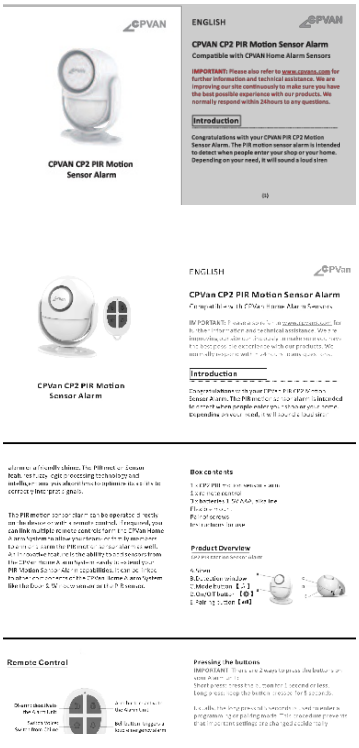

CPVAN CP2 PIR Motion Sensor Alarm User Manual

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.

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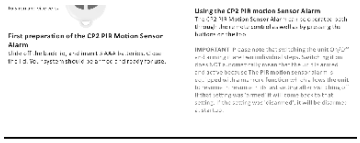

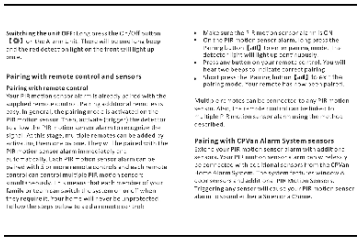

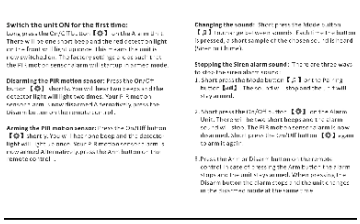

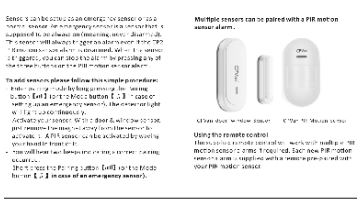

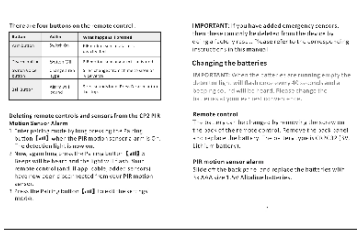

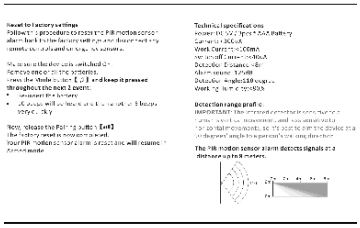

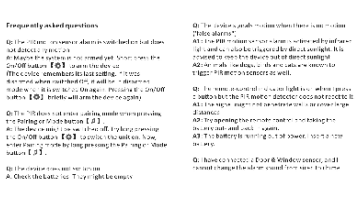

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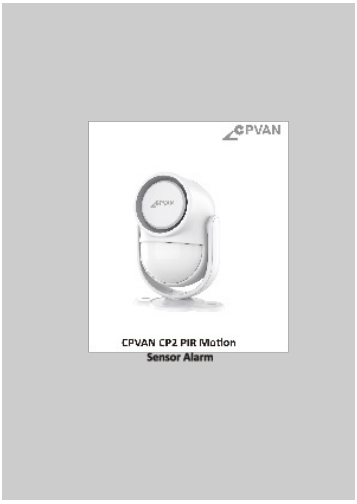

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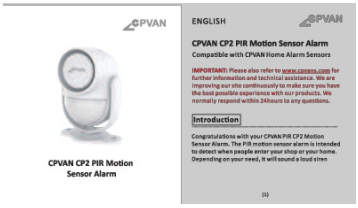

[pdf] Instructions

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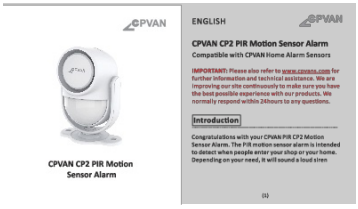

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