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› PHYSEN Wireless Driveway Motion Detector Alarm User Manual

PHYSEN CDHW-UK

PHYSEN Wireless Driveway Motion Detector Alarm User Manual

Model: **CDHW-UK** | Brand: **PHYSEN**

1. PRODUCT OVERVIEW

The PHYSEN Wireless Driveway Motion Detector Alarm is a high-precision security system designed to alert you to movement in your driveway, yard, or other monitored areas. Featuring a waterproof PIR motion sensor and a plug-in receiver, this system offers a wide working range and customizable alerts to enhance your property's security.



Image: The PHYSEN Wireless Driveway Motion Detector Alarm, showing the black PIR motion sensor with a red detection beam and the black plug-in receiver with a blue illuminated ring.

2. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x PIR Motion Detector (Transmitter)
- 1 x Plug-in Receiver
- Mounting Screws and Anchors
- User Manual (this document)

3. FEATURES

- **Waterproof PIR Motion Sensor:** High-precision wireless track warning system with low false alarm rate. IP55 waterproof and weather-resistant design ensures the PIR motion sensor works perfectly outdoors and indoors. Suitable for homes, yards, garages, gates, swimming pools, villas, shops, etc. When moving objects are detected in the detection area, the motion sensor can detect a small change with a blue light alarm.
- **Large Working Range and Memory Function:** The working range from the detector to the receiver can be up to 50 meters (150ft), with a detection range of 4.50 meters (15ft) and a detection angle of 60° in open areas, ideal for driveways and walkways. Powerful memory function: after power failure, no re-pairing is needed; the doorbell automatically starts with the previous ringtone.
- **Expandable System:** Create your own security warning system by pairing additional motion sensors or receivers. It can expand up to 20 sensors and unlimited receivers for full coverage of your property. Flexible design to meet your actual needs; multiple sensors and receivers can be easily added. You can set different ringtones for each transmitter and use them for various purposes.
- **58 Ringtones and 5 Volume Levels:** With 58 unique ringtones, you can freely change them, and 5 volume levels from 0dB to 110dB can meet your needs. It is loud enough to monitor what is happening outside. The LED light indicator flashes to provide a visual alert and is an excellent safety alarm for the hearing impaired. If you do not wish to be disturbed, you can select 0 dB.
- **Easy to Install:** Plug the receiver into an outlet, pair the motion sensor with the receiver, and mount the detector anywhere with the included screws. Alerts business owners or homeowners with a wireless doorbell. Ability to detect motion through the front or back door.

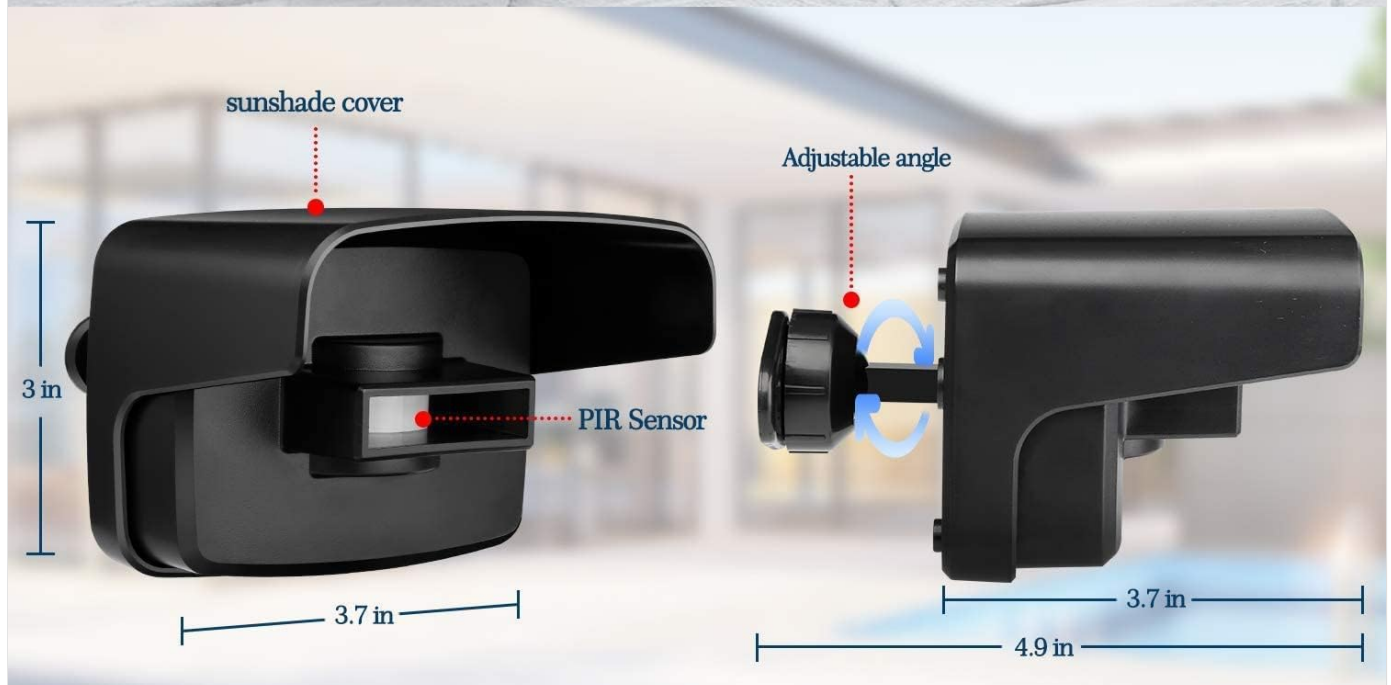


Image: The receiver unit highlighting its features: 5 adjustable volume levels (0-110dB), 58 chimes and tunes, LED-flash design, and 150m wireless range.

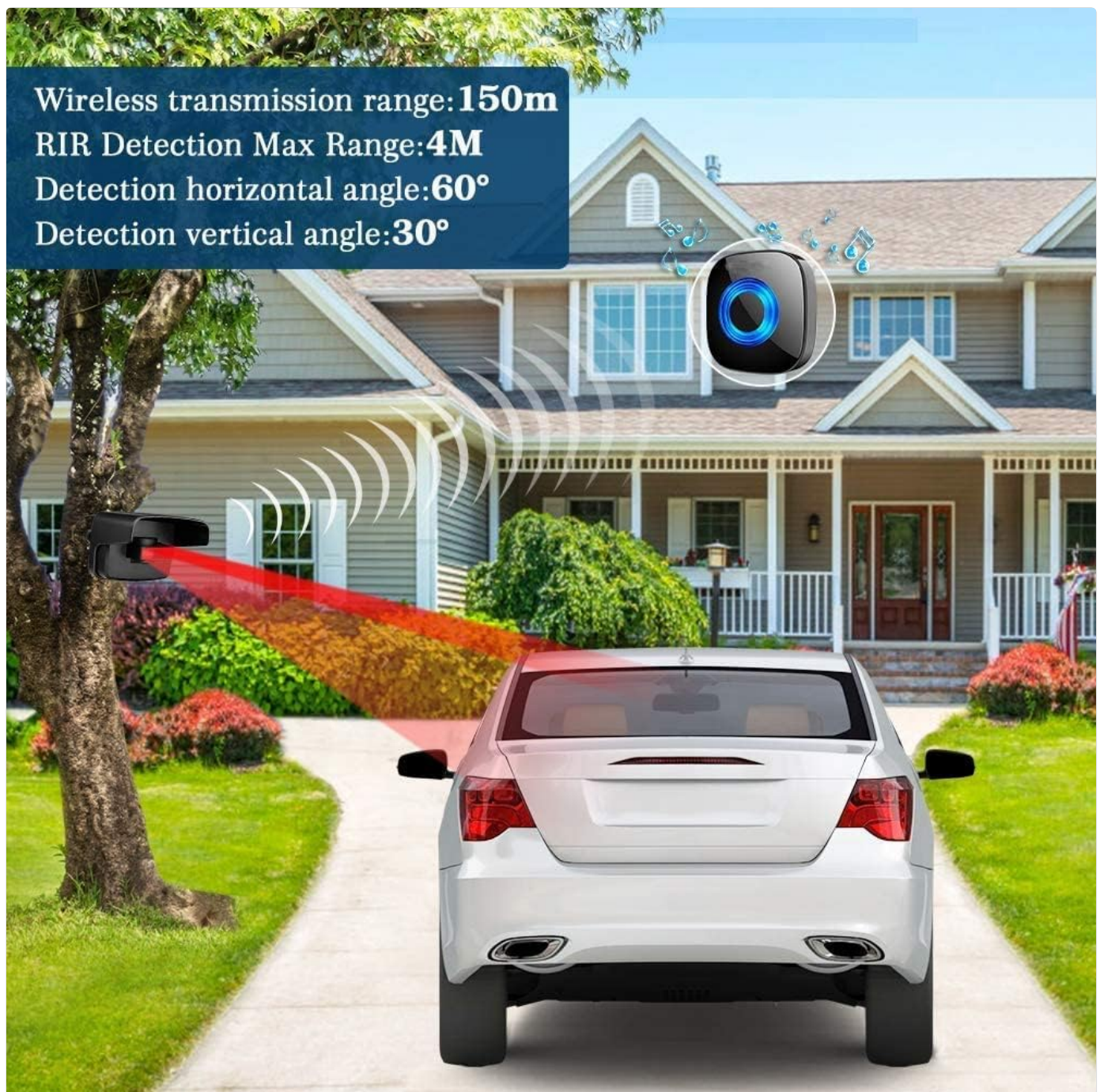


Image: A diagram illustrating the wireless transmission range of 150m, a maximum detection range of 4m, a horizontal detection angle of 60°, and a vertical detection angle of 30° for the motion sensor, with a car on a driveway as an example.

Fully Expandable System

Add more sensors and receivers to fully protect your home.



Image: A visual representation of the fully expandable system, demonstrating how multiple sensors and receivers can be added to cover an entire property, functioning as a doorbell or home security alarm.

4. SETUP

4.1 Installing Batteries in the Motion Sensor

The motion sensor requires 4 x AA batteries (not included).

1. Locate the battery compartment on the PIR motion sensor.
2. Open the compartment cover.
3. Insert 4 x AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Waterproof PIR Motion Sensor

Works perfectly indoors and outdoors



AA*4 Needed (NOT Included)

Image: The waterproof PIR motion sensor with its battery compartment open, illustrating the insertion of 4 AA batteries. The image also shows the sensor mounted on a tree in rainy conditions, demonstrating its IP55 rating.

4.2 Pairing the Motion Sensor with the Receiver

Follow these steps to pair your motion sensor with the receiver:

1. Plug the receiver into a standard electrical outlet.
2. **Select Ringtone:** Press the forward (▶ ▶) or backward (◀ ◀) button on the receiver to choose your preferred ringtone before entering pairing mode.
3. **Enter Pairing Mode:** Press and hold the volume control button () on the receiver for 5 seconds. You will hear a "ding-dong" sound, and the LED indicator will start flashing, indicating it's in pairing mode.
4. **Activate Sensor:** While the receiver is in pairing mode (within 5 seconds), wave your hand in front of the PIR motion sensor to activate it and send a signal to the receiver.
5. Upon successful pairing, the receiver will play the selected ringtone, and the pairing mode will automatically end.

Important Notes:

- The pairing mode on the receiver lasts only 5 seconds. Ensure the transmitter is activated within this timeframe, or you will need to restart the pairing process.
- After successful pairing, the pairing mode will automatically terminate.

How to Pair and Change Music

1

Press  to select favourite ringtone before pairing.

2

Press the  button for 5 seconds until a Ding-dong is heard and the LED indicator starts flashing -you are now in pairing mode

1

2

3

Active the transmitter by Waving your hand in front of the PIR Motion Sensors to send a signal to the receiver,you will hear the receiver play the ringtone if paired successfully



Image: A step-by-step guide on how to pair the PHYSEN motion sensor and receiver. It shows pressing the ringtone selection buttons, holding the volume button to enter pairing mode, and activating the PIR sensor by waving a hand in front of it.

4.3 Mounting the Motion Sensor

Choose a suitable location for the motion sensor, such as near your driveway, gate, or entrance. Ensure it has a clear line of sight to the area you wish to monitor.

1. Mark the desired mounting position on a wall, fence, or post.
2. Use the included screws and anchors to securely mount the sensor.
3. Adjust the sensor's angle to optimize the detection area.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Volume

The receiver has 5 adjustable volume levels, from 0dB (mute) to 110dB.

- Press the volume control button () repeatedly to cycle through the volume levels.
- Select 0dB if you prefer a silent alert (only the LED indicator will flash).

5.2 Changing Ringtones

The receiver offers 58 unique ringtones.

- Press the forward (▶ ▶) or backward (◀ ◀) button to preview and select a different ringtone.
- The selected ringtone will be saved automatically due to the memory function.

5.3 System Expansion

You can add more motion sensors or receivers to expand your security system.

- To add more sensors, follow the pairing instructions (Section 4.2) for each new sensor.
- To add more receivers, simply plug them in and pair them with your existing sensors.
- Different ringtones can be assigned to different sensors for easy identification of the alert location.

6. MAINTENANCE

- **Battery Replacement:** Replace the AA batteries in the motion sensor when the detection range decreases or the blue light indicator on the sensor becomes dim. Always use new alkaline batteries.
- **Cleaning:** Wipe the motion sensor and receiver with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the PIR lens on the sensor is clean and free of obstructions for optimal performance.
- **Environmental Considerations:** While the motion sensor is waterproof (IP55), avoid submerging it in water. Ensure it is mounted in a location where it is not constantly exposed to extreme weather conditions if possible, to prolong its lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Receiver does not sound when motion is detected.	Receiver is unplugged or power outage. Batteries in sensor are low or dead. Sensor and receiver are not paired. Sensor is out of range. Volume is set to 0dB.	Ensure receiver is plugged in and powered. Replace sensor batteries (4 x AA). Re-pair the sensor and receiver (see Section 4.2). Move sensor closer to the receiver or clear obstructions. Increase receiver volume.
False alarms.	Sensor detecting small animals, swaying branches, or direct sunlight. Sensor lens is dirty.	Adjust sensor angle or relocate to avoid unwanted triggers. Clean the sensor lens.
Receiver does not remember ringtone after power cycle.	System reset or malfunction.	Perform a reset: 1. Press and hold the forward (▶ ▶) button on the receiver for 5 seconds. 2. The receiver will sound "Ding Dong" with a flashing LED, indicating a successful reset. 3. Note: After a reset, the receiver returns to the first ringtone, and all sensors must be re-paired.

8. SPECIFICATIONS

Brand	PHYSEN
Model Number	CDHW-UK
Product Dimensions	12.45 x 9.4 x 7.62 cm; 310 g
Color	Black
Power Source (Receiver)	Corded Electric (Plug-in)
Batteries Required (Sensor)	Yes (4 x AA Alkaline, not included)
Mounting Type	Wall Mount
Wireless Range	Up to 50 meters (150 feet) in open area
PIR Detection Range	Up to 4.5 meters (15 feet)

PIR Detection Angle	60° (Horizontal)
Ringtones	58 unique melodies
Volume Levels	5 levels (0dB to 110dB)
Waterproof Rating (Sensor)	IP55
Compatible Devices	Other motion sensors, other receivers
Recommended Use	Home Security, Driveway Alert, Doorbell

9. WARRANTY AND SUPPORT

PHYSEN offers 12 months of customer service for this product. If you encounter any issues or have questions regarding your Wireless Driveway Motion Detector Alarm, please do not hesitate to contact our customer support team. For support, please refer to the contact information provided with your purchase or visit the official PHYSEN website.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question