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› [1byone](#) /

› [1byone Wireless Driveway Alarm System \(Model 6-O00QH-0499\) - User Manual](#)

1byone 6-O00QH-0499

1byone Wireless Driveway Alarm System (Model 6-O00QH-0499) - User Manual

Your guide to setting up and operating your 1byone Driveway Alarm System.



1. INTRODUCTION

The 1byone Wireless Driveway Alarm System provides an effective solution for monitoring activity around your property. Utilizing Passive Infrared (PIR) technology, the weatherproof motion detectors sense heat and movement, alerting you to visitors, vehicles, or animals. The system offers a wireless transmission range of up to 1000 feet (300 meters) and features a plug-in receiver with multiple alert options and 36 selectable melodies.

This manual provides detailed instructions for the setup, operation, and maintenance of your 1byone Driveway Alarm System.



Image: The 1byone Wireless Driveway Alarm System, showing the main receiver unit and two PIR motion sensors.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Doorbell Receiver
- 2 x PIR Motion Sensors
- 2 x Wall Plugs
- 2 x Screws
- 1 x Instruction Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your 1byone Driveway Alarm System:



Image: Detailed diagram illustrating the various parts and specifications of the receiver and sensor units, including buttons, indicators, and dimensions.

Receiver

- **LED Indicator:** Illuminates upon detection.
- **Plug:** For connecting to a standard power outlet.
- **Sound and Flash Switch:** Toggles between sound, LED flash, or both.
- **Volume Adjustable Button:** Adjusts volume levels (High/Middle/Low).

- **36-Chime Selector Button:** Cycles through available melodies.
- **Pairing Button:** Used to pair sensors with the receiver.
- **Speaker:** Emits selected chimes.

PIR Motion Sensor

- **PIR Detector:** Detects motion and heat.
- **LED Indicator:** Flashes upon detection.
- **Battery Compartment Cover:** Houses the batteries.

4. SETUP AND INSTALLATION

4.1 Sensor Battery Installation

1. Locate the battery compartment on the back of each PIR sensor.
2. Unscrew the cover and insert 3 x AAA Alkaline batteries (not included), ensuring correct polarity.
3. Securely replace the battery compartment cover.

4.2 Sensor Placement

Strategic placement of your PIR sensors is crucial for optimal performance:

- Mount sensors to walls, fence posts, trees, or any stable surface.
- Ensure the sensor's detection area covers the desired monitoring zone (e.g., driveway, walkway, gate).
- Avoid pointing sensors directly at heat sources or areas with dense foliage that might cause false alarms.
- The sensor is weatherproof, designed for outdoor use in various conditions.



SUPER EASY DIY INSTALLATION

✓ PLUG-AND-PLAY SETUP

✓ READY IN MINUTES



Children



Vehicles



Animals



Thieves

Image: A PIR sensor mounted on a tree, demonstrating easy DIY installation and its ability to detect children, vehicles, animals, and potential intruders.

4.3 Receiver Placement

- Plug the receiver into a standard indoor power outlet within the wireless transmission range of your sensors.
- Consider central placement to maximize signal reception from all paired sensors.

5. OPERATING INSTRUCTIONS

5.1 Pairing Sensors with Receiver

The system is designed for plug-and-play setup. If pairing is needed or you are adding new sensors:

1. Plug in the receiver.
2. Press and hold the Pairing Button on the receiver until its LED indicator flashes.
3. Wave your hand in front of the PIR sensor you wish to pair. The receiver will chime, indicating successful pairing.
4. Repeat for additional sensors. Each receiver can pair with up to 5 sensors.

FULLY EXPANDABLE SYSTEM

ADD UP TO 5 ADDITIONAL SENSORS

PER RECEIVER FOR MORE COMPREHENSIVE MONITORING
AND COVERAGE OF YOUR PROPERTY.



**36 CHIMES TO
CHOOSE FROM**



Image: An illustration of a house with the receiver indoors and multiple sensors strategically placed around the property, highlighting the system's expandability and chime options.

5.2 Selecting Chimes and Adjusting Volume

- **Chime Selection:** Press the '36-Chime Selector Button' on the receiver to cycle through the 36 available melodies until you find your preferred sound.
- **Volume Adjustment:** Use the 'Volume Adjustable Button' to select one of three volume levels: High, Middle, or Low (ranging from 25-80dB).

5.3 Choosing Alert Modes

The receiver offers three alert options via the 'Sound and Flash Switch':

- **Sound Only:** The receiver will only play the selected chime.
- **LED Flash Only:** The receiver's LED indicator will flash without sound.
- **Sound and LED Flash:** The receiver will play the chime and its LED indicator will flash.

PROTECT YOUR FAMILY + PROPERTY

Know before an intruder gets there.



36 CHIMES AND TUNES
3 Levels of Volume Adjustment

3 SIGNAL OPTIONS

- 🔊 Audio Chimes
- 💡 Flashing LED
- 🔊💡 Chimes and LED

Image: A family relaxing at home, with the receiver visible, illustrating the various alert options including audio chimes, flashing LED,

and combined alerts, along with volume and chime selections.

6. MAINTENANCE

6.1 Battery Replacement

When the sensor's detection range decreases or it stops functioning, it may be time to replace the batteries. Follow the steps in Section 4.1 to replace the 3 x AAA Alkaline batteries in each sensor.

6.2 Cleaning

Wipe the exterior of the receiver and sensors with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the PIR lens on the sensor is clear of dirt or obstructions for optimal performance.

6.3 Weather Considerations

The PIR sensors are designed to be weatherproof and reliable in various seasons, from -4°F to 120°F. However, extreme weather conditions such as heavy snow or ice accumulation on the sensor lens may temporarily affect performance. Ensure sensors are securely mounted to withstand wind.



Image: The PIR sensor demonstrating its weather resistance and reliability across different seasons, from cold winter to hot summer conditions.

7. TROUBLESHOOTING

- **No Detection:**

- Check sensor battery levels and replace if necessary.
- Ensure the sensor is within the 1000ft (300m) wireless range of the receiver.
- Verify that the sensor is properly aimed and its detection path is clear.
- Re-pair the sensor with the receiver (refer to Section 5.1).

- **False Alarms:**

- Adjust the sensor's position to avoid direct sunlight, moving branches, or small animals.
- Note: The sensor's sensitivity is fixed and cannot be adjusted. Careful placement is key to minimizing false alarms.

- **Reduced Range/Interference:**

- Thick walls, metal structures, or other electronic devices can interfere with the wireless signal. Try repositioning the receiver or sensor.
- Ensure the receiver is not obstructed by large objects.
- Note: The system's signal may be significantly weakened when transmitting through multiple walls or dense materials.

8. SPECIFICATIONS

Feature	Specification
Model Number	6-O00QH-0499
Wireless Transmission Range	Up to 1000 ft (300 m)
PIR Detection Range	Up to 24 ft (8 m)
PIR Detection Angle	45 degrees
Receiver Power Source	Plug-in (AC 120V for US market)
Sensor Power Source	3 x AAA Alkaline Batteries (not included)
Number of Chimes	36
Volume Levels	3 (25-80dB)
Operating Temperature	-4°F to 120°F (-20°C to 49°C)
Receiver Dimensions	4.8 x 4.7 x 4 inches
Sensor Dimensions (approx.)	4.13 inches (H) x 2.68 inches (W)
Color	White

WIRELESS TRANSMISSION RANGE: 1000FT/300M



Image: Visual representation of the wireless transmission range between the sensor and receiver, and the PIR detection range and angle of the sensor.

9. WARRANTY AND CUSTOMER SUPPORT


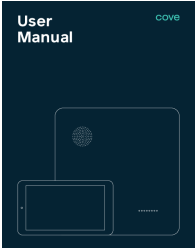




1byone stands behind its products with a **24-month warranty** and a **90-day return policy**. If you encounter any questions or issues with your 1byone Wireless Driveway Alarm System, please do not hesitate to reach out to customer support directly for assistance.

For further support or to register your product, please visit the official 1byone website or refer to the contact information provided with your purchase.



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Related Documents - 6-000QH-0499

	<p>BRAVO 6 Dual PIR Motion Detector Installation Guide</p> <p>Installation instructions and technical specifications for the BRAVO 6 Dual PIR Motion Detector by Digital Security Controls Ltd. Learn how to locate, mount, adjust, and test the detector for optimal security coverage.</p>
	<p>Cove Security System User Manual</p> <p>Comprehensive user manual for the Cove security system, detailing installation, operation, and technical specifications for the Hub, Alarm Panel, various sensors, and the Cove Connect mobile application.</p>
	<p>Cobra RAD 380 Radar & Laser Detector Owner's Manual</p> <p>Comprehensive guide to the Cobra RAD 380 Radar & Laser Detector, covering features, installation, operation, troubleshooting, specifications, and warranty information.</p>
	<p>JA-180W Wireless Combined PIR + MW Detector Installation and Operation Guide</p> <p>This guide provides detailed instructions for installing and operating the JABLOTRON JA-180W Wireless Combined PIR + MW Detector. It covers installation steps, DIP switch settings, testing procedures, and technical specifications for optimal performance.</p>
	<p>Ring Alarm Pro User Guide: Setup, Features, and Security</p> <p>Comprehensive user guide for the Ring Alarm Pro, covering setup, internet connection, Wi-Fi management, backup options, device integration, alarm modes, professional monitoring, and troubleshooting. Learn how to secure your home with Ring Alarm Pro.</p>
	<p>System Sensor B300-6 and B300-6-IV 6" Plug-in Detector Bases Installation and Maintenance Instructions</p> <p>Installation and maintenance instructions for System Sensor B300-6 and B300-6-IV 6" plug-in detector bases. Covers specifications, mounting, wiring, tamper-resist feature, and warranty.</p>

