Honeywell SIXPIR

Honeywell SiXPIR Two-Way Wireless PIR Motion Detector User Manual

Model: SIXPIR

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Honeywell SiXPIR Two-Way Wireless PIR Motion Detector. The SiXPIR is designed to provide reliable motion detection for security systems, communicating wirelessly with compatible Honeywell Lyric panels. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The Honeywell SiXPIR is a passive infrared (PIR) motion detector that utilizes advanced technology to sense movement within its detection zone. It features two-way wireless communication, allowing for enhanced supervision and battery life management when integrated with a Honeywell Lyric security system. Its compact design and wireless capability offer flexible placement options for optimal coverage.

Image 1: Front view of the Honeywell SiXPIR Two-Way Wireless PIR Motion Detector. This white, cylindrical device is designed for discreet placement and effective motion sensing within a security system.

3. Setup and Installation

Follow these steps for proper setup and installation of your SiXPIR motion detector:

1. **Unpacking:** Carefully remove the SiXPIR detector from its packaging. Verify all components are present.

2. **Battery Installation:** The device requires one CR123A battery. Open the battery compartment, insert the battery, ensuring correct polarity (+/-), and close the compartment.

3. **Mounting Location:** Select a suitable wall-mount location. For optimal performance, install the detector

in a corner or on a flat wall where it can cover the desired area without obstruction. Avoid aiming directly at heat sources, windows, or areas with significant air currents. The maximum range is 12 meters.

4. **Mounting:** Secure the detector to the wall using the provided mounting hardware. Ensure it is firmly attached.

5. **Pairing with Lyric Panel:** Refer to your Honeywell Lyric system's manual for specific instructions on how to enroll new wireless devices. Typically, this involves putting the panel into 'enrollment mode' and then activating the SiXPIR detector (e.g., by triggering its tamper switch or motion). The two-way communication will establish the connection.

6. **Walk Test:** After pairing, perform a walk test to confirm the detector's coverage and functionality. Walk through the protected area and observe the detector's indicator light (if present) or the panel's response to confirm motion detection.

4. OPERATING INSTRUCTIONS

Once installed and paired, the Honeywell SiXPIR motion detector operates automatically as part of your Honeywell Lyric security system. When the system is armed, the detector will monitor its assigned area for motion. Upon detecting movement, it will transmit a signal to the Lyric panel, triggering an alarm according to your system's programming.

- **Arming/Disarming:** The detector's active state is controlled by the arming status of your Lyric security system.
- **Two-Way Communication:** The SiXPIR communicates bi-directionally with the Lyric panel, allowing for enhanced supervision, status updates, and efficient battery management.
- **Detection Range:** The detector has a maximum range of 12 meters. Ensure the area to be protected falls within this range.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SiXPIR motion detector.

- **Battery Replacement:** The SiXPIR uses one CR123A battery with an estimated life of 10 years. Your Lyric panel will typically indicate a low battery condition. Replace the battery promptly when a low battery warning is issued. Always use a fresh, high-quality CR123A lithium battery.
- **Cleaning:** Periodically clean the detector's lens and housing with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the device. Ensure the lens is free from dust, dirt, or obstructions that could impair detection.
- **Testing:** Conduct periodic walk tests (e.g., monthly) to confirm the detector is functioning correctly and its coverage area remains effective.

6. TROUBLESHOOTING

If you encounter issues with your SiXPIR motion detector, consider the following:

- **Detector Not Responding:**
  - Check battery: Ensure the battery is correctly installed and not depleted. Replace if necessary.
  - Check pairing: Verify the detector is properly enrolled with your Honeywell Lyric panel. Re-enroll if needed.
  - Obstructions: Ensure there are no physical obstructions blocking the detector's view.

- **False Alarms:**
  - Mounting location: Ensure the detector is not aimed at heat sources (vents, direct sunlight), moving objects (curtains), or areas with significant air currents.
  - Sensitivity: Some detectors have adjustable sensitivity. Refer to the Lyric panel's programming for options related to zone sensitivity.
  - Environmental factors: Extreme temperature changes or strong electromagnetic interference can sometimes affect performance.

- **Low Battery Indication:** Replace the CR123A battery immediately.

If problems persist after attempting these troubleshooting steps, contact your security system installer or Honeywell technical support.

7. SPECIFICATIONS

Feature	Specification
Brand	Honeywell
Model Number	SIXPIR
Color	White
Power Source	Battery Powered
Battery Type	1 x CR123A Lithium Battery
Battery Life	Approximately 10 years
Maximum Range	12 Meters
Mounting Type	Wall Mount
Compatible Devices	Honeywell Lyric Security Systems
Operating Temperature	10 Degrees Celsius (Note: Specific range not fully detailed, refer to product datasheet for full range)
Item Weight	5.3 ounces (0.15 Kilograms)
Package Dimensions	5.24 x 3.07 x 2.24 inches
UPC	886618229350
ASIN	B01N8R8CII

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Honeywell website. For technical support, installation assistance, or service, please contact your authorized Honeywell security system dealer or installer. You may also find support resources on the Honeywell customer support portal.

Online Resources:

- Honeywell Official Website: www.honeywell.com
- Honeywell Lyric Support: Refer to your Lyric panel's documentation for specific support contacts.