

Wireless 2-Way PIR/PET Detector Installation Instructions



Model:
DPS743 / DPS786
DPP743 / DPP786

Step 1a: Preliminary Considerations

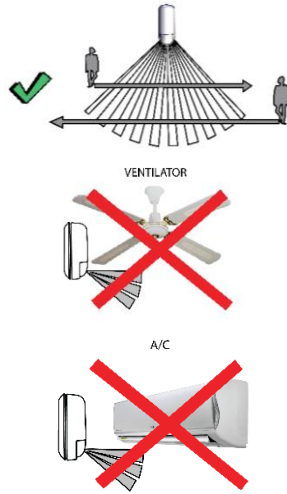


Figure 1

Step 1b: Coverage Patterns

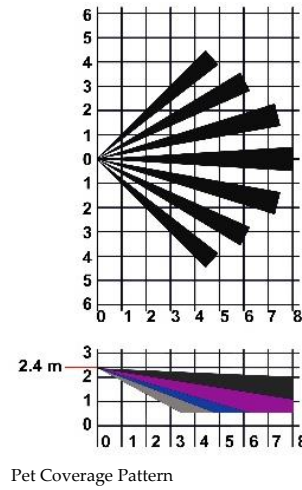


Figure 2

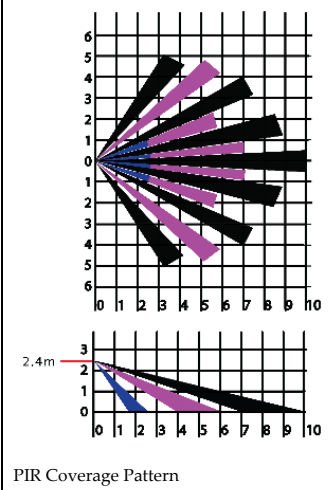


Figure 3

Step 3: Mount the Detector on the Wall Bracket

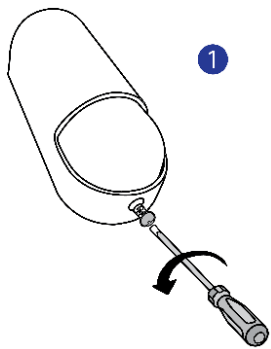


Figure 4

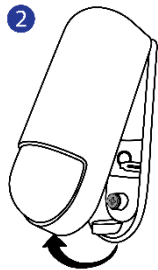


Figure 5

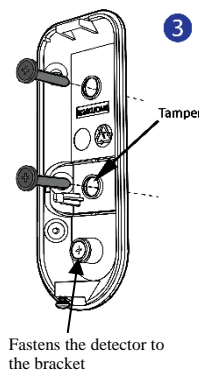


Figure 6

Step 4: Inserting Battery

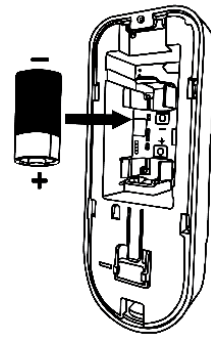


Figure 7

Step 5: Mount the detector on the bracket

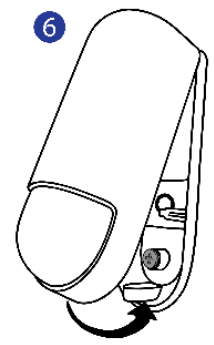


Figure 8

Walk Test

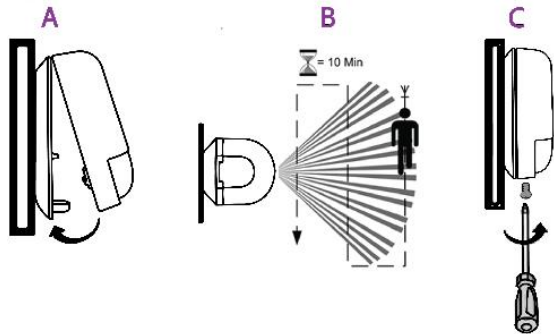


Figure 9

1) Description

The Wireless DPS/DPP PIR/PET is a stylish wall mounted passive infrared detector.

Features include:

- Selectable range of up to 10m in PIR ver. or 8m in PET ver.
- Easy battery replacement

What's in the box:

- Wireless DPS/DPP PIR/PET Detector
- Screws Kit: 1 screw $\varnothing 2.5 \times 6$ mm; 2 screws $\varnothing 3.5 \times 25$ mm
- Installation Instructions

2) Installation

Step 1a: Preliminary Considerations

Select the mounting location for best coverage of the area that is to be protected.

Install the device in a location where the detector's field of view is clear of any static obstacle. Please note that walking direction must cut across the beam pattern (see Figure 1).

Step 1b: Coverage Patterns (see Figures 2 and 3)

Step 2: Enrolling the Detector into the System

For complete description of the wireless configuration and device enrollments, refer to Programming Guide for the FORCE and VISION Alarm Systems

Enrollment of the detector in the system can be performed manually or automatically via the keypad.

Auto Enrolling (using RF Communication):

1. Enter Installer menu, and select: System Configuration > Peripherals > Wireless Peripherals > Enroll and delete > Detectors > Enroll > Auto Enrollment
2. Insert the batteries and close the bracket
3. In 3 seconds the detector will send an Enrollment message. The serial number should appear on the keypad.
4. Select Enroll and press \leftarrow .

Manual Enrolling:

1. Enter Installer menu, and select:
System Configuration >
Peripherals > Wireless
Peripherals > Enroll and delete
> Detectors > Enroll > Manual
Enrollment
2. Enter the serial number and
press ↵.
3. Select Enroll and press ↵.

Enrolling through the Force Manager Software:

You can enroll the detector using Force Manager software; For information refer to the Force Manager Manual.

Step 3: Mount the Detector on the Wall Bracket

Mount the detector at a height of 2.4 m. (see Figures 4 to 6).

Detector Configuration

Being 2-way, the detectors parameters can be modified from the keypad or from the Force Manager software according to your needs.

PIR Sensitivity:	High/Low
LED:	On*/Off

Step 4: Inserting Battery (see Figure 7)

CAUTION!

The detector battery may be supplied with plastic wrapping. If so, remove the plastic wrapping from the battery before installation.

Observing battery polarity. Insert a battery into the compartment.

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulation.

Step 5: Mount the detector on the bracket (see Figure 8)

3) Walk Test

The detector automatically enters walk test mode for 10 minutes following tamper closure. Walk through the entire protected area and observe the LEDs to confirm full coverage (see *LED Status*). When complete, secure the detector with screw (see Figure 9).

Manually initiate a Walk-Test

In the Installer menu, select *Test and Diagnostic > Walk test*. Select *All* or *Single zone*.

The detector(s) remain in walk test mode until exiting the menu.

4) LED Status

LED	State	Description
Red	On	Alarm
	Flashing	Low Battery

5) Technical Specifications

Parameter	Description
Current Consumption:	10µA standby
Supervision Time	15 min.
Battery Type	CR123 3V Lithium Battery
Battery Life	3 years typical
Low Voltage Threshold	2.6V
Power Output	10mW
Operating temperature:	-10°C to 55°C (14°F to 131°F)
Storage temperature:	-20°C to 60°C (-4°F to 140°F)
Humidity Range	Average relative humidity: 75%
Weight	100gr.
Dimensions	102.5 x 40.5mm
Frequency	433.92MHz, 868.65MHz
Standards	EN50131-2-2 Grade 2, Environmental Class II, EN50131-6: Type C PD6662:2017

6. Ordering Information

Model	Frequency	P/N
DPS743 (PIR)	433MHz	8841210
DPS786 (PIR)	868MHz	8841211
DPP743 (PET)	433MHz	8841212
DPP786 (PET)	868MHz	8841213

UKCA and RED Compliance Statement:

Hereby, PIMA declares that this equipment is in compliance with the essential requirements of the UKCA Radio Equipment Regulations 2017 and CE Directive 2014/53/EU. For the UKCA and CE Declaration of Conformity please refer to our website: www.pima-alarms.com

Limited Warranty

PIMA Electronic Systems Ltd. does not represent that its product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection. The User understands that a properly installed and maintained equipment may only reduce the risk of events such as burglary, robbery, and fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no death, personal damage and/or damage to property as a result. Read this guide in its entirety before attempting to program or operate your system. Should you misunderstand any part of this guide, please contact the supplier or installer of this system. Copyright © 2022 PIMA Electronic Systems Ltd. All rights reserved. E&OE

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