SMD-979 PGP Wireless Heat Detector Installation Guide

Introduction

SMD-979 PGP is a wireless heat detector with a fixed temperature, a rate of rise heat sensor, and an internal piezoelectric alarm. The device detects a rise in temperature due to fire. The heat detector is suitable for use in locations where a certain level of smoke is normal, for example in kitchens, and in areas where a dirty environment can cause false smoke alarms.

The reference to SMD-979 PGP throughout this manual covers the models listed in the following table unless otherwise stated.

Model numbers and associated frequencies are outlined in the following table.

Table 1: SMD-979 PGP model numbers and frequencies

Model number	Frequency	Region
SMD-979 PGP 868	868MHz	Europe, CE certified
SMD-979 PGP 915	912-919MHz	LATAM, UL certified

The model SMD-979 PGP is compatible with control panels IQ Panel 4, IQ4 Hub, IQ4 NS, IQ Panel 2, Visonic PM10, PM30, PM360R, PowerSeries Neo, and PowerSeries Pro. Heat detectors can be installed in kitchens and other areas where smoke detectors are unsuitable.

Location and positioning

You can install heat detectors in kitchens and other areas where smoke detectors are unsuitable. See Mounting your detector for more information.

Recommended protection

Install individual heat detectors in or near all rooms where fire is most likely to start. The living room is the most likely place for a fire to start at night, followed by the kitchen, and then the dining room.

For minimum protection, follow these guidelines:

- Install a heat detector on each story.
- Install a heat detector in each sleeping area.
- Install a heat detector within every 6.4 m (21 ft) of hallways and rooms.
- Install a heat detector within 3 m (10 ft) of all bedroom doors.
- Install a heat detector where all detectors are interconnected if the interconnect feature is enabled on your control panel.

For increased protection, in addition to minimum protection, follow these guidelines:

- Install smoke detectors in every room, except kitchens and bathrooms.
- Install heat detectors in kitchens and garages within 5.3 m (17 ft) of potential fire sources.

➤ **Important:** Install heat detectors in any bedrooms where fires might occur, for example, where there is an electrical appliance in use or where the occupant is a smoker.

➤ **Important:** Install heat detectors in any bedrooms where the occupant is elderly, sick, or very young and is unable to respond to a fire that starts in their room.

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Heat detectors

Install your heat detector within 6.4 m (21 ft) of a potential fire to respond quickly. Install heat detectors where they can be heard throughout the property. A single heat detector gives some protection if it is correctly installed. Most homes require two or more heat detectors, that are preferably interconnected, to ensure that they give a reliable early warning.

Install your first heat detector between the sleeping area and the most likely sources of fire, no more than 6.4 m (21ft) from the door to any room where a fire may start and block your escape from the house.

National Fire Protection Association required protection

Where required by applicable laws, codes, or standards for the occupancy in the building, install approved single and multiple station heat detectors in the following areas:

1. In all bedrooms and guest rooms
2. Outside each separate sleeping area within 6.4 m (21 ft) of any door to a sleeping room
3. On every level of a dwelling unit, including basements
4. On every level of a residential board and care occupancy, including basement, and excluding crawl spaces and unfinished attics
5. In the living areas of a guest suite
6. In the living areas of a residential board and care occupancy

The required number of heat detectors might not provide reliable early warning protection for those areas separated by a door. Consider the use of additional heat detectors for those areas for increased protection. The additional areas include the basement, bedrooms, dining room, furnace room, utility room, and hallways not protected by the required heat detectors. The installation of heat detectors in finished or unfinished kitchens, attics, or garages is not normally recommended. These locations can experience conditions that can result in improper operation.

➤ **Important:** Specific requirements for heat detector installation can vary. Check with your local fire department for current requirements in your area.

Multistory dwellings

If your home has more than one floor, install at least one detector on each level. Interconnect the detectors if the feature is present on your control panel to give sufficient warning throughout the property. If the interconnect feature is enabled, refer to the control panel manual for more information.

➤ **Important:** Locate heat detectors in rooms adjoining escape routes, for example, kitchens, garages, and boiler houses where smoke detectors are unsuitable.

Single story dwellings

If the premises is one story, install your first heat detector in a corridor or hallway between the sleeping and living areas. Install it as near to the living area as possible, but make sure that it can be heard in the bedrooms.

In houses with more than one sleeping area, install heat detectors between each sleeping area and the living area. Install heat detectors in the kitchen and garage.

Enrolling your device

Use the 7-digit serial number on the back of your detector to enroll your detector on the detector system control panel. The following instructions apply only to the IQ Panel. For other panels, refer to the panel installation guide.

1. In the panel menu, select **Settings**.
2. Select **Advanced Settings** > **Installation** > **Devices**.

3. Select **Security sensors**, then select **Auto learn sensor**.
4. **Optional:** To enroll the device manually, select **Add Sensor**, identify the seven digit device ID number on the device label, and manually enter it in the panel. It appears in the following format: ID: 205-XXXX.
5. On the panel, select **Confirm**.
   The SMD-979 PGP enrolls with device ID 206-XXXX. In fall back mode, it enrolls as SMD-429 PG2 with device ID 202-XXXX. A supervisory message is transmitted at 128 second intervals for the device. If the signal is not received, the control panel reports that the detector is missing.

Performing a unit test

1. Press **Test/Hush** for 7 seconds minimum to initiate a test.
2. Alarm activation is indicated by the flashing red radio LED, the sounder, and transmission of the detector signal to the control panel.
3. The detector returns to normal when you release the test button.

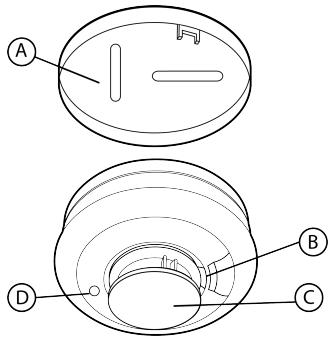
ⓘ **Note:** Allow a minimum of 20 seconds after power up and after test, alarm, or tamper restore activations.

Performing a diagnostic test

Strong signal strength is required. Poor or good signal strength is not acceptable. If you receive poor or good signal from the device, relocate it and retest until you receive strong signal strength. For UL installations, the test results must be strong. See the detector system installation guide for detailed diagnostic tests.

1. Insert the battery to complete a heat detector test.

Figure 1: Detector parts



Callout	Description
A	Mounting plate
B	Sounder
C	Test/Hush button
D	LED

2. After you insert battery, wait 2 minutes before you test. The detector enters into local diagnostic test mode for 15 minutes.
3. It is recommended to perform the periodic test and use either the Installer code (Installer Diagnostic Mode) or the User code (User Diagnostic Mode) to test.
4. While in diagnostic mode, press the test/hush button, indicated by a red radio LED blinking for 1 second, to start a device self-test. To simulate an alarm press test/hush for 7 seconds; this will simulate an alarm transmission to the control panel.

5. The detector performs a link quality test,followed by the radio LED blinking 3 times. Table 2 shows the radio LED indication and signal strength:

Table 2: Radio LED signal strength

LED Response	Green LED blinks	Orange LED blinks	Red LED blinks	No blinks
Reception	Strong	Good	Poor	Paired, no communication

Installing your detector

ⓘ **Note:** The back tamper is located under the battery. The back tamper cannot be closed unless the battery is inserted, and the bracket cannot be installed if the back tamper is open.

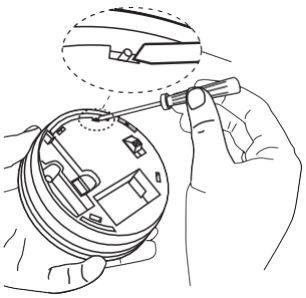
1. Select a location that aligns with the guidelines in: Location and positioning.
2. Lift off the mounting plate from the heat detector.
3. Place the mounting plate on the ceiling exactly where you want to mount the detector. With a pencil, mark the location of the two screw holes.
4. Taking care to avoid any electrical wiring in the ceiling, drill holes through the center of the marked locations with a 5.0 mm drill bit. Push the provided plastic screw anchors into the drilled holes. Screw the mounting plate to the ceiling.
5. Insert the battery, ensuring the orientation is correct. If the battery is already installed in your detector, pull the battery tab to power the detector.
6. Rotate the detector anticlockwise. If you cannot twist off the detector, it may be tamper-proofed. See Figure 2.
7. Carefully line up the detector on the mounting plate, gently press home, and twist clockwise. Install all the other detectors similarly.
8. Press and hold the test/hush button for ten seconds on each detector to ensure that it sounds. Check that any interconnected detectors also sound within this period.

Tamper proofing your detectors

To prevent unauthorized removal of the detector, you can make the detector tamper proof.

1. Break off the small seal on the base. See Figure 2.
2. To remove the detector from the ceiling, use a small screwdriver to release the catch. Push the catch toward the ceiling and then twist off the detector.

Figure 2: Tamper proofing your detector



3. If necessary, use a No.2 or No.4 self tapping screw to firmly lock the detector and the mounting plate together. The detector does not include a self tapping screw. Use a self tapping screw with the following dimensions: Diameter = 2 mm to 3 mm (1/8 in.). Length = 6mm to 8mm (1/4 in.)
4. Attach the detector to the mounting plate. Line up the screw on the “U” shaped recessed area and screw in firmly.
5. To remove the detector from the ceiling, remove the screw first, and then twist off anticlockwise.

Checking your detectors work

To check that the installed detectors work, complete the following steps:

1. Sound the detectors in their intended locations, check that you can hear the detector in each room with the door closed, above the sound of any TV or audio systems.
2. Set the TV and audio systems to a reasonably loud conversation level. If you cannot hear the detector over the sound of the TV or audio system, it will not wake house occupants. Use the interconnect feature on your panel to ensure that the detector is heard throughout the property.

Mounting your detector

Mount your detector on a ceiling or a wall. You can mount a detector on a sloping ceiling if required.

Do not place heat detectors in any of the following areas:

- Bathrooms, kitchens, shower rooms, garages or other rooms where heat detectors are triggered by steam, condensation, normal smoke, or fumes. Keep at least 6 m (20 ft) away from sources of normal heat and fumes.
- Very dusty or dirty areas as dust buildup in the chamber can affect performance.
- In insect infested areas. Small insects in the heat detector chamber can cause intermittent alarms.
- Places where the normal temperature can exceed 100°F (38.7°C) or go below 40°F (4.4°C), for example attics, furnace rooms, directly above ovens or kettles, as the steam could cause nuisance alarms.
- Near a decorative object, door, light fitting, or window molding that prevents heat entering the detector.
- Surfaces that are normally warmer or colder than the rest of the room, for example, attic hatches. Temperature differences might stop heat reaching the detector.
- Next to or directly above heaters or air conditioning vents, windows, and wall vents that can change the direction of airflow.
- In very high or awkward areas, for example, over stairwells where it is difficult to reach the detector for testing, silencing, or battery replacement.

ⓘ **Note:** Locate the detector at least 1 m (39 in.) from dimmer controlled lights and wiring as some dimmers can cause interference.

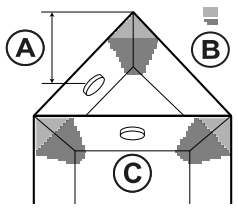
ⓘ **Note:** Locate the detector at least 1.5 m (59 in.) and route wiring at least 1 m away from fluorescent light fittings as electrical noise and flickering may affect the unit.

Mounting your detector on the ceiling

Hot air rises and spreads out, so a central ceiling position is the recommended location to mount the detector. Mount heat detectors away from corners.

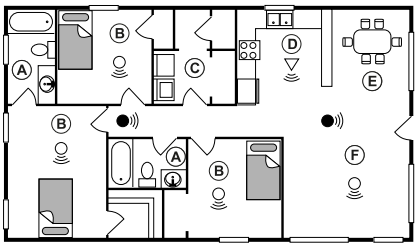
➤ **Important:** Keep heat detectors at least 305 mm (12 in.) from walls and corners. Mount the detector at least 305 mm (12 in.) from any light fitting or decorative object that might prevent heat entering the heat detector.

Figure 3: Mounting location



Callout	Definition
A	Heat alarms should be more than 610 mm (24 in.) from the roof apex.
B	Dead air space
C	Detector mounted in a central location

Figure 4: Two story floor plan



Callout	Definition
A	Bathroom
B	Bedroom
C	Laundry room
D	Kitchen
E	Dining room
F	Living room

Important: Before you mount the detector permanently, conduct a walk test. Review the control panel instructions to verify adequate signal strength and adjust the device location and orientation as necessary. You can mount the detector on the ceiling or on the wall.

Mounting the detector on the wall

If it is not practical to mount the detector on the ceiling, mount the detector a wall. Consider wall mounting only where close spaced beams or similar obstructions hinder ceiling mounting.

If you mount a detector on the wall, ensure that:

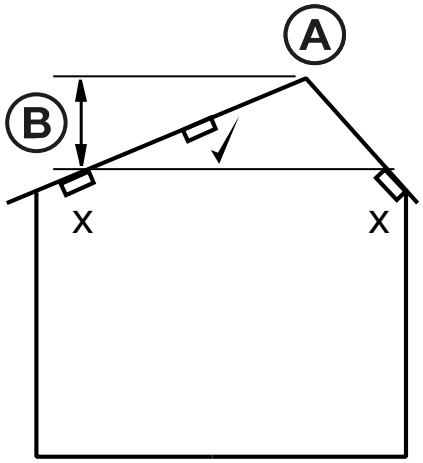
1. The top of the detection element is between 150 mm (6 in.) and 305 mm (12 in.) below the ceiling.
2. The bottom of the detection element is above the level of any door openings.

Important: It is the responsibility of the installer to determine if the presence of asbestos in the ceiling material makes the ceiling an impractical location to mount the device.

Mounting your detector on a sloping ceiling

If you want to mount a heat detector on a sloping or peaked ceiling, install it within 610 mm (24 in.) of the peak when the space is measured vertically. If this height is less than 610 mm (24 in.), consider the ceiling flat.

Figure 5: Mounting the detector on a sloping ceiling



Callout	Definition
A	Apex
B	Heat detectors - height should be less than 610 mm (24 in.)

Fire safety information

When you use household protective devices, follow basic safety precautions.

- Rehearse emergency escape plans so everyone in the house is aware of what to do when the detector sounds.
- Use the detector test button to familiarize your family with the detector sound and practice fire drills regularly with all family members. Draw up a floor plan that shows at least 2 escape routes from each room in the house. Teach children how to escape, open windows, and use roll up fire ladders and stools without adult help. Make sure children know what to do if the detector goes off.
- Constant exposure to high or low temperatures or high humidity may reduce battery life.
- You can quickly silence nuisance alarms by fanning vigorously with a newspaper or similar to remove the heat. Alternatively, press **Test / Hush**.
- Do not attempt to remove, recharge, or burn the battery, as it may explode.
- If it is necessary to remove the battery for separate disposal, handle carefully to avoid eye damage or skin irritation if the battery leaks or is corroded.
- To maintain sensitivity to heat, do not paint or cover the detector in any manner; do not permit any accumulation of cobwebs, dust, or grease.
- If the detector is damaged in any way or does not function correctly, do not attempt to repair it. See Servicing your detector .
- This detector is intended only for residential premises.
- This detector is not a portable product. It must be mounted.
- Heat detectors are not a substitute for insurance. The supplier or manufacturer is not your insurer.
- Store petrol and other flammable materials in proper containers.
- Discard oily or flammable rags.
- Always use a metal fireplace screen and have chimneys cleaned regularly.
- Replace worn or damaged sockets, switches, home wiring, and cracked or frayed electrical cords and plugs.
- Do not overload electrical circuits.
- Keep matches away from children.

- Never smoke in bed. In rooms where you do smoke, always check under cushions for smouldering cigarettes and ashes. Ensure all electrical appliances and tools have a recognized approval label.
- Heat detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose.
- This device cannot protect everyone at all times. It may not protect against the three most common causes of fatal fires:
  a. Smoking in bed
  b. Leaving children at home alone
  c. Cleaning with flammable liquids, such as petrol

Planning your escape route

Use the following guidelines when you plan your escape route.

1. Check room doors for heat or smoke. Do not open a hot door. Use an alternate escape route. Close doors behind you as you leave.
2. If smoke is heavy, crawl out, staying close to floor. Take short breaths, if possible, through a wet cloth or hold your breath. More people die from smoke inhalation than from flames.
3. Get out as fast as you can. Do not stop to pack. Have a prearranged meeting place outside for all family members. Check everybody is there.
4. Call the fire brigade from a neighbor's house or mobile phone. Remember to give your name and address.
5. Never reenter a burning house.

Limitations of heat detectors

There are various situations where a heat detector is not effective as follows:

- Fires where the victim is close to a flaming initiated fire, for example, when a person's clothes catch fire while cooking.
- Fires where the heat does not reach the heat detector due to a closed door or other obstruction.
- Incendiary fires where the fire grows so rapidly that an occupant's exit is blocked even with correctly located heat detectors.

Servicing your detector

If your detector fails to work after you read Installing your detector, Testing, maintenance, and power supply monitoring, return to:

TYCO 3301 LANGSTAFF CONCORD ON CANADA L4K 4L2

State the nature of the fault, where the detector was purchased, and the date of purchase.

Detector indicator summary

The following table contains definitions about detector indicators, device (Alarm) LED.

Table 3: SMD-979 PGP series indicator summary

Normal Operation	**Action**	**Red LED**	**Yellow LED**	**Sounder**
Power Up	Pull battery tab	1 Flash	1 Flash	Off
Standby		Off	Off	Off
Sensing Fire		Rapid Flashing	Off	Full Sound
Fault Mode	**Action**	**Red LED**	**Yellow LED**	**Sounder**

Table 3: SMD-979 PGP series indicator summary

Low Battery		Off	1 Flash every 48 sec	1 Beep with 1 Flash
Device Sensor		Off	2 Flashes every 48 sec	2 Beeps with 2 Flashes
End of Life		Off	3 Flashes every 48 sec	3 Beeps with 2 Flashes
Silence Sounding detector	Press and Release Button	1 Flash every 8 sec	Off	Off for 10 minutes
Silence End of Life indication (up to 30 days)	Press and Release Button	Off	Off for 72 hours	Off for 72 hours
Test Mode	**Action**	**Red LED**	**Yellow LED**	**Sounder**
Test heat detector	Press Button	Rapid Flashing	Off	Full Sound
Detector Memory	**Action**	**Red Led**	**Yellow LED**	**Sounder**
24 Hour Memory		2 Flashes every 48 sec for 24 hours	Off	Off
Long Term Memory	Press and Hold Button	Rapid Flashing	Off	Rapid Chirping

Detector indicator definitions

Normal Operation - Power Up

When the device powers up, the orange radio LED lights up for 1 second, indicating the device is starting and performing self tests. After a successful self test that indicates radio connection to the detector, the green radio led blinks for 2 seconds. If the device does not connect to the detector , the red radio led blinks continuously.

Normal operation - Standby

In standby mode, there are no active visible or audible indications that can be intrusive to the householder. To confirm that the detector is operational, perform a weekly button test.

Normal operation - Weekly button test

Press and hold the test button and verify that the red LED flashes rapidly and the detector ramps up to full sound.

Normal operation - sensing fire

As soon as the detector senses heat, it goes into alarm (along with any interconnected detectors). The alarm LED on the detector sensing heat flashes rapidly to indicate this is the detector sensing heat / fire. Evacuate the building.

Normal operation - silence false alarm

Occasionally heat detectors are activated by events other than fire, for example, dust, insects, and cooking fumes. When you are sure the alarm is caused by a nuisance detector, press **Test/Hush** to silence the detector for 10 minutes. The alarm LED then flashes every 8 seconds for 10 minutes.

Normal operation - false alarm in an interconnected system

In the case of a real fire, evacuate the dwelling. If the system responds to a recurring false alarm, identify the detector that causes the false alarm so you can clean or replace the detector. The detector that causes the false alarm is identified by a rapidly flashing alarm LED. See Normal operation - silence false alarm .

Fault condition - low battery

The detector emits a short beep and the alarm LED flashes when the battery is low. Check the date on the side of the detector to identify when the battery is due to be replaced. When electronic self testing indicates that the battery is low, the detector beeps and the alarm LED flashes at the same time every 48 seconds to warn the user. Replace the battery or batteries as soon as possible. See Replacing batteries.

Testing, maintenance, and power supply monitoring

Your detector is a life saving device. Test the detector immediately after installation and at least once a year.

If you hold **Test/Hush** for more than 7 seconds, a red radio LED blinks for 2 seconds and a heat alarm occurs. This alarm is sent to the panel, so you can test the entire reporting path.

ⓘ **Note:** Notify the central station when the heat detector is undergoing tests so they do not dispatch authorities.

After you enroll the device, verify adequate signal strength by conducting a sensor test with the device in the mounting location. See the control panel user manual for more information. Adjust the device location and orientation as necessary.

Manually testing your detectors

Test your detectors after they are installed and then at least weekly to ensure the units are working. To manually test your detectors, complete the following steps:

1. Press and hold **Test/Hush** until the detector sounds and the red light flashes. The detector stops sounding shortly after you release the button.
2. Repeat this procedure for all other detectors in the system.
   Do not test with a flame. This can set fire to the detector and damage the house. Do not test with smoke as the results can be misleading unless you use specialist equipment.

Using the Test/Hush button

The heat detectors have a Test/Hush button to control nuisance or false alarms.

When the detector sounds, if there is no sign of heat or noise to indicate that there is a fire, assume that it is due to an actual fire. Evacuate the dwelling immediately. If there are frequent false alarms, relocate the heat detector away from the source of the fumes.

1. To cancel a false alarm from a heat detector, press **Test/Hush**. The heat detector switches to a reduced sensitivity condition.

   The heat detectors are silenced for a period of approximately 10 minutes. The alarm LED on the cover of the heat detector flashes every 8 seconds to indicate that the unit is silenced.
2. The heat detector resets to normal sensitivity at the end of the 10 minute silence period. If additional time is required, push **Test/Hush** again.
3. Use a heat detector in the kitchen area to avoid nuisance alarms.

ⓘ **Note:**

Replacing batteries

When the device battery power is low and replacement is necessary, the heat detector beeps and the yellow light flashes at the same time once every 48 seconds for at least 30 days. Replace the battery, ensuring the orientation is correct, as soon as possible.

When you replace the battery,ensuring the orientation is correct, press **Test/Hush** to check that the detector is functioning correctly.

Note: Replace the battery if the detector does not sound when you press **Test/Hush**.

CAUTION: Dispose of used batteries promptly. Keep away from children. Do not disassemble or recharge and do not dispose of in fire.

WARNING: Constant exposure to high or low temperatures or high humidity may reduce battery life. Use only Panasonic CR123A Batteries. If you use a different battery, it may have a detrimental effect on detector operation. QS5130-840 detectors are intended for use at ordinary temperatures where anticipated temperatures are not expected to exceed 100°C (212°F). Prolonged periods of alarm will also reduce battery life. The battery used in this device may present a fire or chemical burn hazard if mistreated.

End of life

Replace the entire detector if the unit was installed more than 10 years ago. Check the expiry date on the side of the detector.

Before the detector is discarded, remove from the mounting plate and disconnect the batteries.

WARNING: Do not dispose of your detector in a fire.

Dispose of your detector in a safe and environmentally sound manner at your local recycle center. Contact your local authority for further advice.

Technical specifications

For SMD-979 PGP technical specifications, see Table 4.

Table 4: Technical specifications

Power	2 X Panasonic 3V CR123A Lithium Batteries.
Test/hush button	Checks sensors, electronics, interconnection, battery and sounder. If unit is in detector when pressed, it silences the detector for 10 min. Press the Test button to silence fault chirps for 12 hours.
Operating Temperature	4.4°C to 48.8°C (40°F to 120°F)
Humidity Range	15% to 95% R.H. (non-condensing)
Audible detector	>85dB(A) at 3m (10ft) minimum
Current Drain	Typical 20µA Standby
Heat Sensor Fixed Rating	SMD-979 PGP 915: 57°C +/- 2°C (135°F +/- 5°F) /SMD-979 PGP 868:58C+/-4C
Heat Sensor Rate of Rise	>40°C (104°F) 8.3°C (15°F) every minute
Dimensions	120mm (4.7”) x 46mm (1.8”)
Weight (grams)	210g (0.46 lbs)
Detector life	Ten years
Battery life	Up to six year under normal usage Up to one year under normal usage for SMD-979 PGP 915 (UL)
Accessories	Supplied with mounting plate, screws, and wall plug

Troubleshooting

For guidance around investigating problems with your detector, see the following troubleshooting topics to restore your detectors to normal operation:

The detector does not sound when you press Test/Hush

1. Check how old the detector is. See the **Replace by** label on side of detector.
2. If necessary, replace the battery or batteries with Panasonic CR123A batteries.

Detectors sound for no apparent reason

1. If you enroll your detector and the interconnect feature is enabled, refer to your control panel to detect which device is causing the alarm.
2. Press **Test/Hush** on the heat detector causing the alarm. You can identify the detector in alarm by the the alarm LED flashing rapidly. This silences the heat detector and all other interconnected detectors in the system for 10 minutes.

Radio red LED blinks persistently

The radio red LED blinks persistently to indicate a connection issue between the radio and the detector head.

1. Power off: Remove the batteries to turn off the detector.
2. Reconnect: Carefully detatch the radio unit from the detector head. Then, securely reconnect them.
3. Power on: Reinsert the batteries to power the detector back on.

Regulatory information

WARNING! Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Statement

⚠ **CAUTION:** Changes or modifications not expressly approved by DSC could void your authority to use this equipment.

This device SMD-979 PGP 915 complies with FCC Rules Part 15 standard(s). Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received or that may cause undesired operation.

⚠ **WARNING:** To comply with FCC RF exposure compliance requirements, the device should be located at a distance of at least 20 cm from all persons during normal operation. The antennas used for this product must not be co-located or operated in conjunction with any other antenna or transmitter.

ⓘ **Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Simplified EU declaration of conformity

Hereby, Visonic Ltd. declares that the radio equipment type SMD-979 PGP 868 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: http://www.visonic.com/download-center.

Frequency band	Maximum power
868.0 MHz - 868.6 MHz	14 mW / 11.46 dBm
868.7 MHz - 869.2 MHz	14 mW / 11.46 dBm

European single Point of Contact: Tyco Security Products, Voltaweg 20, 6101 Xk Echt, Netherlands

Product Certification

SMD-979 PGP complies with the following standards:

SMD-979 PGP 868	EN 300220, EN 301489, EN 61000-6-3, EN 62368-1, EN 14604
SMD-979 PGP 915	**FCC (912 to 919 MHz)**: 47CFR part 15.247, UL268

CE

SMD-979 PGP 868
Notified Body BSI (2797)
Visonic Ltd, Raanana, Israel
Smoke Alarm Device
EN14604: 2005/AC:2008 2020
2797-CPR-819016

Heat Detector Classification A1
Alarms at 58ºC +/- 4ºC

Safety Instructions

Read the safety information before you install the equipment.

The detector shall be installed and used within an environment that provides the pollution degree max 2 and over voltages category II in non-hazardous locations, indoor only. The equipment is designed to be installed by SERVICE PERSONS only; (SERVICE PERSON is defined as a person having the appropriate technical training and experience necessary to be aware of hazards to which that person may be exposed in performing a task and of measures to minimize the risks to that person or other persons).

The detector is to be installed in an indoor dry location. Exposure to weather or corrosive conditions may damage the unit.

CAUTION: Risk of explosion if the battery is replaced with an incorrect type. Dispose of used battery according to the manufacturer's instructions.

Warning: This product contains a coin battery. If it is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and

used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. Seek

immediate medical attention if you think batteries might have been swallowed or placed inside any part of the body.

WEEE Product recycling declaration	
	For information regarding the recycling of this product you must contact the company from which you originally purchased it. If you are discarding this product and not returning it for repair then you must ensure that it is returned as identified by your supplier. This product is not to be thrown away with everyday waste. Directive 2012/19/EU Waste Electrical and Electronic Equipment.

Warranty

Visonic Ltd. (“**Seller**”) warrants the Products to the original purchaser only (the “**Buyer**”) against defective workmanship and materials under normal use of the Products for a period of twelve (12) months from the date of shipment by the Seller.

This Warranty is absolutely conditional upon the Products having been properly installed, maintained and operated under conditions of normal use in accordance with the Seller's recommended installation and operation instructions. Products which have become defective for any other reason, according to the Seller's discretion, such as improper installation, failure to follow recommended installation and operational instructions, neglect, willful damage, misuse or vandalism, accidental damage, alteration or tampering, or repair by anyone other than the Seller, are not covered by this Warranty.

There is absolutely no warranty on software, and all software products are sold as a user license under the terms of the software license agreement included with such Product.

The Seller does not represent that Products may not be compromised and/or circumvented or that the Products will prevent any death and/or personal injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Products will in all cases provide adequate warning or protection. The Products, properly installed and maintained, only reduce the risk of such events without warning and it is not a guarantee or insurance that such events will not occur.

Conditions to Void Warranty: This warranty applies only to defects in parts and workmanship relating to normal use of the Products. It does not cover:

- damage incurred in shipping or handling;
- damage caused by disaster such as fire, flood, wind, earthquake or lightning;
- damage due to causes beyond the control of the Seller such as excessive voltage, mechanical shock or water damage;
- damage caused by unauthorized attachment, alterations, modifications or foreign objects being used with or in conjunction with the Products;
- damage caused by peripherals (unless such peripherals were supplied by the Seller;
- defects caused by failure to provide a suitable installation environment for the products;
- damage caused by use of the Products for purposes other than those for which they were designed;
- damage from improper maintenance;
- damage arising out of any other abuse, mishandling or improper application of the Products.

Items Not Covered by Warranty: In addition to the items which void the Warranty, the following items shall not be covered by Warranty: (i) freight cost to the repair centre; (ii) customs fees, taxes, or VAT that may be due; (iii) Products which are not identified with the Seller's product label and lot number or serial number; (iv) Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection or testing to verify any warranty claim. Access cards or tags returned for replacement under warranty will be credited or replaced at the Seller's option.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express or implied, including any warranty of merchantability or fitness for a particular purpose, or otherwise. In no case shall the SELLER be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever, as aforesaid.

The Seller shall in no event be liable for any special, indirect, incidental, consequential or punitive damages or for loss, damage, or expense, including loss of use, profits, revenue, or goodwill, directly or indirectly arising from Purchaser’s use or inability to use the Product, or for loss or destruction of other property or from any other cause, even if Seller has been advised of the possibility of such damage.

The SELLER shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function. However, if the Seller is held liable, whether directly or indirectly, for any loss or

damage arising under this limited warranty,**the SELLER'S maximum liability (if any) shall not in any case exceed the purchase price of the Product INVOLVED,** which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Seller.

When accepting the delivery of the Products, the buyer agrees to the said conditions of sale and warranty and he recognizes having been informed of.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply under certain circumstances.

The Seller shall be under no liability whatsoever arising out of the corruption and/or malfunctioning of any telecommunication or electronic equipment or any programs.

The Seller's obligations under this Warranty are limited solely to repair and/or replace at the Seller's discretion any Product or part thereof that may prove defective. Any repair and/or replacement shall not extend the original Warranty period. The Seller shall not be responsible for dismantling and/or reinstallation costs. To exercise this Warranty the Products must be returned to the Seller freight pre-paid and insured. All freight and insurance costs are the responsibility of the Buyer and are not included in this Warranty.

This warranty shall not be modified, varied or extended, and the Seller does not authorize any person to act on its behalf in the modification, variation or extension of this warranty. This warranty shall apply to the Products only. All products, accessories or attachments of others used in conjunction with the Products, including batteries, shall be covered solely by their own warranty, if any. The Seller shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Products due to products, accessories, or attachments of others, including batteries, used in conjunction with the Products. This Warranty is exclusive to the original Buyer and is not assignable.

This Warranty is in addition to and does not affect your legal rights. Any provision in this warranty which is contrary to the Law in the state or country were the Product is supplied shall not apply.

Governing Law: This disclaimer of warranties and limited warranty are governed by the domestic laws of Israel.

Warning

The user must follow the Seller's installation and operational instructions including testing the Product and its whole system at least once a week and to take all necessary precautions for his/her safety and the protection of his/her property.

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