

SMD-429 PG2 Series Wireless Smoke and Heat Detector

Installation and Operating Instructions

Read this instruction sheet thoroughly before installation and use of the SMD-429 PG2

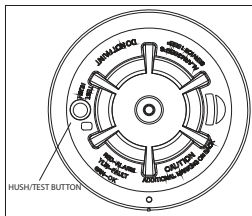
Introduction

The SMD-429 PG2 is a wireless photoelectric smoke and heat detector with a fixed temperature and rate of rise heat detector, and an internal piezoelectric alarm.

Three versions are available: a 915 MHz for US version (UL) and Canadian version (ULC), a 433 MHz and 868 MHz for International version (EU) and a 433 MHz for Australian version (AUS).

Compatible Devices

The smoke detector is compatible with Visonic Control Panels and Power G receivers.



Operation

Approximately every 7 to 8 seconds the unit tests for a smoke or heat alarm condition. During this sequence the unit also performs self diagnostics, and checks for tampers and faults. During normal operation the green LED flashes every 12 seconds and the sounder does not sound.

Smoke Alarm

The smoke detector alarms when the signal level exceeds the "alarm" threshold and automatically restores when the signal level falls below the alarm "restore" threshold. During an alarm the LED flashes once per second and the sounder sounds the evacuation temporal pattern.

Alarm Silencing

This smoke alarm is provided with an automatically resettable alarm silencing feature. When the sensor is in alarm, press the Test/Silence/Reset button to silence the local annunciation of the alarm and transmit an alarm restore event to the control panel. The LED flashes every 8 seconds for up to 10 minutes, to indicate the alarm has been silenced.

The flashing LED stops when the unit returns to normal operation. The alarm silence feature has a fixed time setting that desensitizes the smoke alarm for 8 minutes.

Alarm silencing does not disable the smoke alarm but rather reduces its smoke sensitivity. Following the silenced period the smoke alarm restores automatically to its intended operation. If smoke around the unit is dense enough to suggest a potentially dangerous situation, it remains in alarm, or may return to the alarm state quickly.

Detector Trouble

When the detector has a general fault, the yellow LED blinks once every four seconds and there is a chirp every 48 seconds. After 12 hours, the panel will display a loss of supervision message.

Status	LEDs	Sounder (do not pulse the sounder and LED concurrently)
Normal	Green flash every 12 seconds	Off
Heat Alarm	Red flash every 1 second	ANSI S3.41 temporal 3
Heat Test	Red flash every 1 second	ANSI S3.41 temporal 3
Smoke Alarm	Red flash every 1 second	ANSI S3.41 temporal 3 (press button to hush for 5-10 minutes)
Smoke Test	Red flash every 1 second	ANSI S3.41 temporal 3 (press button to hush for 5-10 minutes)
Test Alarm	Red flash every 1 second	ANSI S3.41 temporal 3
Detector Trouble	Yellow flash every 4 seconds	One chirp every 48 seconds

Status	LEDs	Sounder (do not pulse the sounder and LED concurrently)
Low Battery	Yellow flash every 12 seconds	One chirp every 48 seconds (press button to hush for 12 hours)
Detector Dirty	Yellow flash every 8 seconds	One chirp every 48 seconds
Power-up	Red, yellow, green, flash sequence	One chirp at the end of the power-up sequence
Tamper	Red, yellow, green flash sequence every 12 seconds	Off

Table 1: Detector and Status Indication

Detector Cleaning Required

When the detector is contaminated, the yellow LED blinks once every 8 seconds and there is a chirp every 48 seconds. Refer to the MAINTENANCE section for cleaning the detector. After 12 hours, the panel displays a message loss of supervision.

Heat Alarm

The heat detector (cULus versions only) alarms when the heat signal level exceeds the heat alarm threshold (135 °F / 57 °C); and will automatically restore when the heat signal level falls below the heat alarm threshold (restore). The detector also goes into a heat alarm state when there is a rapid increase in the temperature over a short period of time. During an alarm the LED flashes 1/second and the sounder sounds the evacuation temporal pattern.

Tamper

The removal of the detector from the mounting plate initiates a "tamper" transmission. The tamper condition is restored after the detector is mounted on the plate.

Wireless Transmissions

A supervisory message is transmitted at 64 minute intervals for the SMD-429 PG2 and 12-minute intervals for the other models. If the signal is not received the control panel determines that the detector is missing.

The detector transmits the following:

- **Alarm / Alarm Restore** - (heat or smoke alarm). Transmitted at time of occurrence.
NOTE: During an alarm condition, the detector sends an alarm event to the control panel. When the condition is restored, the detector sends an alarm restore event to the panel and sets the alarm restore indicator, the red LED blinks once per minute. You can clear the alarm restore indicator only from the control panel.
- **Tamper / Tamper Restore** - (tamper switch activated) 10 second maximum delay on restore before transmission.
- **Low Battery** - (battery voltage falls below threshold). Battery voltage is tested & transmitted at the time of a supervisory or other transmissions.
- **Trouble** - (detector fault or sensor compensation limit reached). Troubles are transmitted at the time of occurrence (one trouble per supervisory interval).

Batteries

NOTE: The batteries must be replayed by service persons only.

The wireless smoke heat alarm is powered by 3 AAA Duracell Procell PC2400 or 3 AAA Energizer E92 batteries (included). The detector regularly checks for a low battery. If a low battery is detected, the transmitter sends a low battery message to the control panel, which displays the detector's ID at low battery. In addition, the yellow LED of the detector blinks every 12 seconds. The detector's sounder chirps every 48 seconds and the yellow LED continues to blink until the batteries are replaced. Pressing the hush button silences the chirps for 12 hours, if no other trouble conditions exist. The batteries should be replaced with new batteries when the chirps begin.

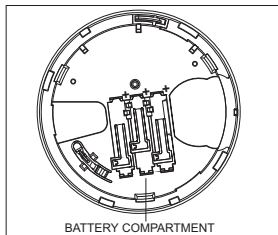
Battery Installation and Replacement

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

To replace batteries, complete the following steps:

1. Remove the detector from its mounting base by twisting the detector counterclockwise.
Carefully remove batteries by lifting from the "+" end using a flathead screwdriver and dispose of them according to local regulations.
2. To ensure a proper power-down sequence, wait a minimum of 20 seconds before installing new batteries.
3. Install 3 new AAA batteries, available from a local Duracell or Energizer dealer in the battery compartment. Install the batteries by inserting the "-" end first, then pushing the "+" end down. If the batteries are incorrectly inserted, please remove them carefully by lifting

them out from the "+" end and correctly re-inserting them.



4. Re-install the detector on its mounting base by turning the detector clockwise until the mating marks align.
5. After the power-up sequence, the green LED should blink once every 12 seconds to indicate normal operation. If the batteries are not installed correctly, the detector will not operate and the batteries may be damaged. If the detector does not power up, check that the batteries are installed correctly and fully charged.
6. Test the detector as described later.

CONSTANT EXPOSURES TO HIGH OR LOW TEMPERATURES OR HIGH HUMIDITY MAY REDUCE BATTERY LIFE.

Installation Instructions

The SMD-429 PG2 Series wireless smoke 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).

1. Smoke Detector Placement

Research has shown that all hostile fires in homes generate smoke to a greater or lesser extent. Experiments with typical fires in homes indicate that detectable quantities of smoke precede detectable levels of heat in most cases. For these reasons, smoke alarms should be installed outside of each sleeping area and on each storey of the home.

The following information is for general guidance only and it is recommended that local fire codes and regulations be consulted when locating and installing smoke alarms. It is recommended that additional smoke alarms beyond those required for minimum protection be installed. Additional areas that should be protected include: the basement; bedrooms, especially where smokers sleep; dining rooms; furnace and utility rooms; and any hallways not protected by the required units. On smooth ceilings, detectors may be spaced 9.1 m (30 ft) apart as a guide. Other spacing may be required depending on ceiling height, air movement, the presence of joists, uninsulated ceilings, etc. Consult National Fire Alarm Code NFPA 72, CAN/ULC-S553 or other appropriate national standards for installation recommendations.

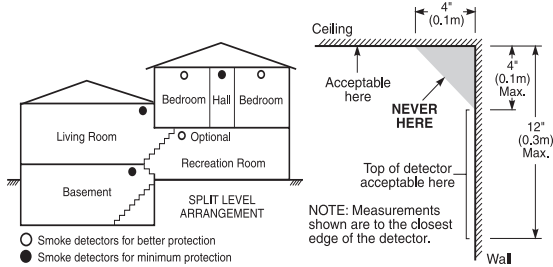
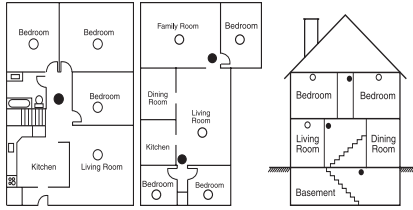
- Do not locate smoke detectors at the top of peaked or gabled ceilings; the dead air space in these locations may prevent the unit from detecting smoke.
- Avoid areas with turbulent air flow, such as near doors, fans or windows. Rapid air movement around the detector may prevent smoke from entering the unit.
- Do not locate detectors in areas of high humidity.
- Do not locate detectors in areas where the temperature rises above 38 °C (100 °F) or falls below 5 °C (41 °F).
- Smoke detectors must always be installed in USA in accordance with Chapter 29 of NFPA 72, the National Fire Alarm Code: 29.5.1.1.

Where required by applicable laws, codes, or standards for a specific type of occupancy, approved

single and multiple-station smoke alarms shall be installed as follows:

1. In all sleeping rooms and guest rooms.
2. Outside of each separate dwelling unit sleeping area, within 6.4 m (21 ft) of any door to a sleeping room, the distance measured along a path of travel.
3. On every level of a dwelling unit, including basements.
4. On every level of a residential board and care occupancy (small facility), including basements 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 (small facility).

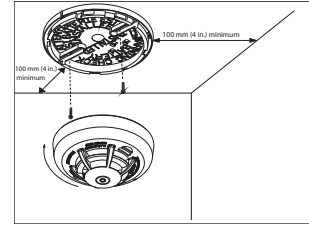
NOTE: In Australia the device shall not be installed in locations where the normal ambient temperature is lower than 5 °C or higher than 45 °C.



2. Mount Smoke Detector Backplate

NOTE: The alarm device should only be installed by a competent engineer or technician. The device should not be used with a guard.

Once a suitable location is found, mount the detector backplate. Install the mounting base on the ceiling or on the wall (if local ordinances permit) using screw locations as required. Use the two screws and anchors provided. Maneuver the base so the screws are at the elbow of the screw slots and secure.



3. Mounting

Fit the detector inside the base by aligning it over the base. The detector's alignment notch should be slightly offset from the mounting base tamper release tab. Then turn the detector clockwise until it clicks into place.

4. Test Unit

NOTE: The central monitoring station if used, should be notified prior to the test being generated. This prevents a false alarm and an unnecessary response from the central monitoring station.

Initiate test by pressing the test button for 5 seconds minimum. Alarm activation is indicated by the flashing LED, the sounder, and transmission of the alarm signal to the control panel. The detector restores to normal when the test button is released.

NOTE: Allow a minimum of 20 seconds after power up and , after test, alarm or tamper restore activations. Do not use the test button when smoke is present.

NOTE: If the detector is in one of the following states when a test is initiated; it will not enter an alarm state:

- Tamper, detector not installed on mounting plate
- Compensation Trouble
- Other internal faults that could prevent a smoke or heat alarm

5. Device Enrollment

The 7-digit serial number located on the back of the smoke detector housing must be enrolled on the alarm systems control panel. See the Receiver Installation Manual and follow the enrollment procedure. For placement tests remove the detector from its backplate for one second (tamper) and then reattach. Wait at least 30 seconds for the test result before activating again. A general description of the procedure is provided in the following flow chart:

Step Procedure

- 1 See the Installation Manual for the alarm system that the device is being enrolled on, to ensure that the proper steps are used.
- 2 Enter the Device Enrollment option through the specified method and select the appropriate option to add the new device.
- 3 Enroll the device by inserting the batteries to power up the device and enter the Device ID. For example, ID No. 202-XXXX.
- 4 Select the desired Zone Number.
- 5 Configure any device parameters that are required. Enter the **DEV SETTINGS** menu and select the required options to configure the detector:

Option	Configuration Instructions
Burglary Siren	Select to enable a burglary alarm. Options: ON or OFF (default)
Fire Siren	Select to enable a fire alarm. Options: ON or OFF (default)
Gas / CO Siren	Select to enable a gas alarm. Options: ON or OFF (default)
Flood Siren	Select to enable a flood alarm. Options: ON or OFF (default)
- 6 Mount and test the detector. See Smoke Detector Unit Test for information on testing the device. In addition, see the alarm systems Installation Manual that the device is enrolled on for other test procedures that are required.

Owner's Instructions

Fire Safety In The Home

Most fires occur in the home, and to minimize this danger, it is recommended that a household fire safety audit be conducted and a family escape plan be developed.

Household Fire Safety Audit

1. Are all electrical appliances and outlets in safe condition? Check for frayed cords, overloaded lighting circuits, etc. If you are uncertain about the condition of your electrical appliances or household service, have a professional evaluation.
2. Are all flammable liquids safely stored in closed containers, and in a cool and well ventilated area? Cleaning the unit with flammable liquids should be avoided.
3. Are hazardous materials for example, matches out of the reach of children?
4. Are furnaces and wood burning appliances properly installed, clean, and in good working order? If in doubt, have a professional evaluation.

Family Escape Planning

There is often very little time between the detection of a fire and the time it becomes deadly. Because of this, it is very important that a family escape plan be developed and rehearsed.

- Every family member should participate in the escape plan.
- Study the possible escape routes from each location within the house. Since many fires occur at night, special attention should be given to the escape routes from sleeping quarters.
- It is essential that escape from a bedroom be possible without opening the interior door. Consider the following when making your escape plans:
- Ensure that doors and windows that open to the outside are easily opened. Ensure that they are not painted shut and that the locking mechanisms operate smoothly.
- If opening or using the exit is too difficult for children, the elderly or handicapped, plans for their rescue should be developed. This plan includes making sure that those who are to perform the rescue can promptly hear the fire warning signal.
- If the exit is above the ground level, an approved fire ladder or rope should be provided, as well as training in its use.
- Exits on the ground level should be kept clear. Be sure to remove snow from exterior patio doors in the winter and that outdoor furniture or equipment does not block exits.
- The family should have a predetermined assembly point where everyone can be accounted for; for example, across the street or at a neighbor's house.
- Once everyone is out of the house, call the Fire Department.
- A good plan emphasizes a quick escape. Do not investigate first or attempt to fight the fire, and do not attempt to rescue belongings or valuables as this takes up time. Once outside, do not re-enter the house; wait for the Fire Department.
- Write the plan down and rehearse it frequently so that should an emergency ever arise, everyone will know what to do. Revise the plan as conditions change; for example, when there are more or fewer family members in the home or if there are changes to the house.

- Make sure your fire warning system is operational by conducting weekly tests. If you are unsure about system operation, contact your smoke detector installer or dealer.
- It is recommended that you contact your local Fire Department and request further information on home fire safety and escape planning. If available, have your local fire prevention officer conduct an in-house fire safety inspection.

Testing Your Smoke Detector

Follow the test procedure described here or contact your smoke detector dealer or installer for testing instructions. It is recommended to test the entire alarm system at least once a week to verify the operation of all system functions.

Smoke Detector Unit Test

Initiate test by pressing the test button for 5 seconds, the sounder makes clicking noises during this time. Press the button until the unit alarm sounds, an alarm should be sent to the control panel. When the button is released, the alarm should cease. If this does not occur, ensure batteries are the correct type, in good condition and are installed correctly.

Upon completing the functional testing of the smoke detector, check the unit's sensing chamber to ensure proper operation. To test the sensing chamber, wave a lit cotton wick or punk stick around the outside of the unit until a generous amount of smoke enters the sensing chamber or the unit alarms. If the smoke detector does not function properly, call your smoke detector installer or dealer for service.

Smoke Detector Test

Before you test, complete the following steps:

1. Insert the battery and then mount the detector on the bracket before conducting the smoke detector test.
2. After the battery is inserted, the detector enters 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.

CAUTION: The diagnostic test cannot be performed when the tamper is open.

Press and hold the test button for 2 seconds. When the button is released, the following sequence of events occur:

- Red LED lights for 0.5 s > off for 0.5 s
- Yellow LED lights for 0.5 s > off for 0.5 s

This is followed by 3 loud alarm beeps and at the same time the red LED flashes. Otherwise the detector produces a warning signal, see the Alarm Indication table for details. In test mode, the detector tests smoke, heat, and battery functions.

If the detector is in diagnostic mode, the detector performs the diagnostic test as described below.

Diagnostic Test

The following sequence of events occur during a diagnostic test:

- A. The detector performs a communication quality test, the LED lights orange.
- B. The LED lights orange, red or green, this indicates the correct operation of the LED.
- C. The detector performs a link quality test.

Note: The detector must be in local or diagnostic mode to perform the link quality test.

In diagnostic mode, if you press the test button for more than 6 seconds, an alarm message is sent to the panel and a Temporal-3 alarm signal is sounded. After this sequence is completed, the panel responds by sending an "Alarm in Memory" message to the device.

- D. At the end of the diagnostic test the LED blinks three times. The following table indicates the received signal strength.

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

IMPORTANT! Reliable reception must be confirmed. Therefore, "poor" signal strength is not acceptable. If you receive a "poor" signal from the device, re-locate it and re-test until a "good" or "strong" signal strength is received. For UL/CUL installations, the test results must be "strong". See the alarm systems installation guide for detailed diagnostic tests.

Owner's Maintenance

The smoke detector is designed to require minimum maintenance. If the case becomes dusty, vacuum with a small brush attachment. If the case is greasy, wipe the case gently with a soft cloth slightly dampened with soapy water.

Never disassemble the smoke detector; there are no user serviceable parts inside the unit. You may only remove detector from backplate to replace batteries if not serviced by installer. When replacing the batteries, follow the instructions specified in the Installation Instructions.

Never paint the unit. Paint may prevent smoke from entering the unit. If you are planning renovations or repainting, contact your installer and ask that the unit be temporarily removed until work is complete.

If the unit is located in an area where it is exposed to high levels of dust or insects and causes false alarms, it may require service; contact your smoke detector installer or dealer.

Testing and maintenance procedures shall be in accordance with CAN/ULC-S552-02.

Specifications

- **Regulatory Listings:** UL268/ULC-S531 915 MHz
- **Diameter:** 5 in (125 mm)
- **Height:** 2.5 in (63 mm)
- **Weight (including battery):** 8.75 oz (243 g)
- **Color:** White
- **Spacing rating:** 70 ft (21.3 m)
- **Alarm Sensitivity (threshold) 915 MHz (cULus):** 1.26 - 2.39 %/ foot obscuration
- **Alarm Sensitivity (threshold) 433 MHz / 868 MHz:** complies with EN14604
- **Audible Signal (ANSI Temporal 3):** 85 dBA minimum in alarm
- **Sounder Alarm Pattern:** 915 MHz only; **Evacuation Temporal Pattern:** 433 MHz EU/ 868 MHz
- **Operating Temperature:** 40 °F - 100 °F (4.4 °C - 37.8 °C)
- **Operating Temperature with Heat Detector:** 32 °F - 100 °F (0 °C - 37.8 °C)
- **Operating Temperature for Smoke Alarm:** 433 MHz 41 °F - 113 °F (5 °C - 45 °C); Type A Photoelectric Smoke Alarm (Australia)
- **Humidity:** 15 % - 90 % RH, non-condensing
- **Approved Batteries:** 3 AAA Energizer E92 or Duracell Procell PC2400
- **Supervisory Transmission Frequency:** 915 MHz 64 minute intervals
- **Supervisory Transmission Frequency:** 433 MHz / 868 MHz 12 minute intervals
- **Maximum Tx Power:** 10 dBm @ 433 MHz, 14 dBm @ 868 MHz.
- **Low Battery Detection:** Low battery 14 days remaining

WARRANTY

Visonic Limited (the "Manufacturer") warrants this product only (the "Product") to the original purchaser only (the "Purchaser") against defective workmanship and materials under normal use of the Product for a period of twelve (12) months from the date of shipment by the Manufacturer.

This Warranty is absolutely conditional upon the Product having been properly installed, maintained and operated under conditions of normal use in accordance with the Manufacturers recommended installation and operation instructions. Products which have become defective for any other reason, according to the Manufacturers 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 manufacturer, 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 Manufacturer does not represent that this Product may not be compromised and/or circumvented or that the Product will prevent any death and/or personal 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 Product, properly installed and maintained, only reduces 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 center; (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 MANUFACTURER BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS WARRANTY OR ANY OTHER WARRANTIES WHATSOEVER, AS AFORESAID. THE MANUFACTURER 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 MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. THE MANUFACTURER 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 MANUFACTURER IS HELD LIABLE, WHETHER DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY, THE MANUFACTURER'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 MANUFACTURER. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THESE LIMITATIONS MAY NOT APPLY UNDER CERTAIN CIRCUMSTANCES.

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

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

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

This warranty shall not be modified, varied or extended, and the Manufacturer 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 Product only. All products, accessories or attachments of others used in conjunction with the Product, including batteries, shall be covered solely by their own warranty, if any. The Manufacturer shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Product due to products, accessories, or attachments of others, including batteries, used in conjunction with the Products. This Warranty is exclusive to the original Purchaser 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 where 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 Manufacturer'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.

* In case of a conflict, contradiction or interpretation between the English version of the warranty and other versions, the English version shall prevail.

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 2. Locally Stored Components. The Software may include a software code component that may be stored and operated locally on one or more devices. Once you have paid the required license fees for these devices (as determined by Tyco in its sole discretion), you may install and/or use one copy of such component of the Software on each of the devices as licensed by Tyco. You may then use, access, display, run or otherwise interact with ("use") such component of the Software in connection with operating the device on which it is installed solely in the manner set forth in any accompanying documentation or, in the absence of such, solely in the manner contemplated by the nature of the Software.
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Regulatory Information

The smoke alarm SMD-429 PG2 has a recommended service life of 10 years under normal conditions of use. Please refer to the label applied to the device indicating the recommended replacement year.

NOTE: In Australia, the device shall not be installed in locations where the normal ambient temperature is lower than 41°F (5°C) or higher than 113°F (45°C).

This manual shall be used in conjunction with the Installation Manual of the alarm control panel. All the instructions specified within that manual must be observed.

FCC and IC Compliance Statement

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

The letters "IC:" indicate that this is an Innovation, Science and Economic Development Canada's certification number.

This device complies with FCC Rules Part 15 and with Industry Canada licence-exempt RSS 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.

For Industry Canada: Le présent appareil est conforme aux CNR d'ISED Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

WARNING! To comply with FCC and IC 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.

Avertissement! Le dispositif doit être placé à une distance d'au moins 20 cm à partir de toutes les personnes au cours de son fonctionnement normal. Les antennes utilisées pour ce produit ne doivent pas être situées ou exploitées conjointement avec une autre antenne ou transmetteur.

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:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.
- Consult the dealer or an experienced radio/television technician for help.

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



Hereby, Visonic Ltd. declares that the radio equipment type SMD-429 PG2 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>.



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