



#### **SD-304C PG2**

#### PowerG, Wireless Shock and Contact detector with Wired Input



#### Installation Instructions

# 1. INTRODUCTION

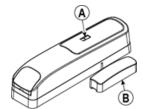
The SD-304C PG2 is a wireless PowerG innovative shock detector with optional magnetic contact and auxiliary input interfacing with all PowerMaster control panels, version 16 or higher. The SD-304C PG2 fits windows, doors, walls or roofs and is ideal for residential or commercial installations. It detects and analyzes gross attacks or a series of low level shocks and provides early warning of any attempt of intrusion before a burglar actually breaksin

The detector incorporates:

- · A shock / vibration piezoelectric sensor.
- Optional reed switch (with optional anti-mask sensor to prevent attempts at disabling it with an extra magnet).
- Optional auxiliary input to use with installer supplied contacts or other wired devices.

Installer added-value features:

- Digital display enables fast and easy shock level adjustment
- Full remote configuration from PowerMaster control panel or Monitoring Station saves the need to physically
  access the shock detector for configuration
- Remote view of: Low Battery, front and back Tamper, Supervision
- An LED lights whenever alarm or tamper events are reported (the LED does not light while a supervision message is being transmitted).



A. Transmission LED

B. Magnet

Figure 1. External View

### 2. INSTALLATION

2.1. Mounting

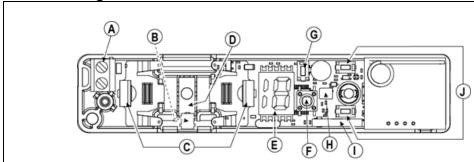


Figure 2. Base with P.C. Board Removed

- A. Auxiliary input terminals
- B. Back tamper switch (behind P.C. board)
- C. Battery clips
- D. Break-away segment (for back tamper
- E. Digital display
- F. Front tamper switch
- G. Enroll button
- H. LEDs indication
- Reed switch
- I. Up and down buttons

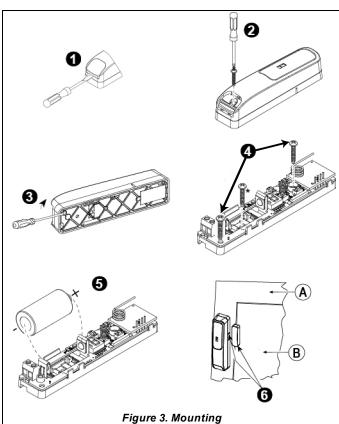
Refer to the Shock Detection Radius, in the Specifications section, according to the surface material used. Install the device in a location where a strong shock impact is expected. The unit should be mounted on a flat surface and firmly fixed using both mounting screws.

For magnetic contact detection, it is highly recommended to attach the detector to the door or window on the fixed frame and the magnet to the movable part (door or window). For optimal magnetic sensor activity and better security it is recommended to apply the magnet as close as possible to the detector's marked side.

Note: Once the cover is removed, a tamper message is transmitted to the control panel. Subsequent removal of the battery prevents transmission of "TAMPER RESTORE", leaving the detector in permanent alert. To avoid this, press the tamper switch while you remove the battery.

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

Attention! The unit has a back tamper switch (optional) under the PCB. As long as the PCB is seated firmly within the base, the switch lever will be pressed against a special break-away base segment that is loosely connected to the base ("Figure 2. Base with P.C. Board Removed" above). Be sure to fasten the break-away segment to the wall. If the detector unit is forcibly removed from the wall, this segment will break away from the base, causing the tamper switch to open.



Note: Use a manual screwdriver only.

- Insert a flat-edged screwdriver into the slot and push upward to remove the screw cover.
- 2. Remove screw.
- 3. Separate base from cover.
- Secure the base to the mounting surface using only the screws supplied in the package.

**Caution!** Do not remove the PCB to mark holes but use the paper model included with the detector.

**Caution!** Do not use double-sided tape, as this will tend to insulate the detector from vibrations.

Caution! Do not over tighten screws to avoid damaging the PCB.

- 5. Insert the battery while observing polarity.
- 6. Mount the magnet near its location mark with 2 screws.
- A. Fixed frame
- B. Moving part

**Note:** 868 MHz device is illustrated in the example. The same mounting procedure should be performed for 433 MHz and 915 MHz devices.

\* This additional screw is used for back tamper only.

### 2.2. Auxiliary Input Wiring

A. Connect the auxiliary sensor contacts across the SD-304C PG2 auxiliary input terminals.

Note: Maximal guaranteed cable length is 10m (33 ft.).

- B. If the auxiliary input of the SD-304C PG2 is defined as a Normally Closed (N.C.) type, series connected N.C. sensor contacts must be used exclusively. An alarm message is transmitted once the loop is opened.
- C. If the auxiliary input of the SD-304C PG2 is defined as a Normally Open (N.O.) type, parallel connected N.O. sensor contacts must be used exclusively. An alarm message is transmitted once the loop is closed.
- D. For End of Line (EOL) supervision: Normally Closed (N.C.) or Normally Open (N.O.) sensor contacts can be used, as shown in Figure 4. A  $2.2k\Omega$  E.O.L. resistor must be wired at the far end of the zone loop. An alarm message is transmitted once the loop is opened or short circuited.
- E. For Double End of Line (DEOL) supervision: Two Normally Closed (N.C.) sensor contacts can be used, as shown in Figure 4. Two 2.2kΩ E.O.L. resistors must be wired at the far end of the zone loop which is opened or short circuited. Event messages are transmitted according to connected inputs, for example, Alarm or Tamper contacts.

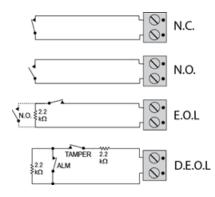


Figure 4. AUX Input Wiring Examples

#### 2.3. Enrollment

Refer to the PowerMaster panel's Installer's Guide and follow the procedure under the "02:ZONES/DEVICES" option of the Installer Menu. A general description of the procedure is provided in the following flow chart.

Step 1	Step 2	Step 3	Step 4	
Enter the Installer menu and select "02:ZONES/DEVICES"	Select "ADD NEW DEVICE" See Note 1	Enroll the detector: press the enroll button and then release it as soon as		
		the yellow LED lights, or, enter the device ID (on the back of device)		

02:ZONES/DEVICES	⇒ ADD NEW DEVICES. ↓ MODIFY DEVICES	⇒ ENROLL NOW or ENTR ID:XXX-XXXX	⇒ Z02:Shk+AX+CntG3       ⇒         ID No.170-XXXX

Step 5	Step 6	Step 7	Step 8
Configure Location and Zone Type	Enter PARTITIONS.	Assign partitions to the detector by	Select "Device Settings" and see
Parameters	See Note 2	pressing the, and	below to configure the (AUX)
		3 buttons	button.
Z02.LOCATION ⇒ Z02.ZONE TYPE	Z02.PARTITIONS	⇒ Z02:P1■ P2P3■	Z02:DEV SETTINGS
⇒ means scroll ⊳⊳ and select <b>OK</b>			

#### Notes:

[1] If the shock detector is already enrolled, you can configure the device parameter and assign partitions using the "Modify Devices" option. [2] PARTITIONS appear only if PARTITIONING was previously enabled in a panel.

### 2.4. Configuring the Magnetic Contact Device Parameters

Enter the **DEVICE SETTINGS** menu and follow the configuration instructions for the SD-304C PG2 shock detector as described in the following table.

Option	Configuration Instructions		
Alarm LED	Determine whether or not the alarm LED indication will be activated.		
	Optional settings: <b>ON</b> (default) or <b>OFF</b> .		
Reed Switch	Determine whether to enable or disable the internal reed switch.		
	Optional settings: Enabled or Disabled (default).		
Magnetic AM	Define whether to enable or disable the detection of magnetic tampering.  Notes:		
	<ol> <li>The selected option of this menu is functional only if the Reed Swtich menu was previously set to "Enabled".</li> <li>Supported only by specific control panels.</li> </ol>		
	Optional settings: <b>Enabled</b> or <b>Disabled</b> (default).		
AUX input	Define the external input according to the installer's requirements.		
	Optional settings: Disabled (default), End of Line, Normally open, Normally close or Double EOL.		
Sens. Threshold	Define the sensitivity threshold of the shock detector when configuring from the panel.		
	Optional settings: Sens. Thresh. 1 to Sens. Thresh. 19 (default setting is Sens. Thresh. 8).  Note: Configuration of this feature can be performed either from the panel or from the device on condition that the device was already enrolled and there is synchronization between the panel and device. If an "E" appears on the device's digital display, this indicates no synchronization.		
Accumulated	Define whether Accumulation mode, when configuring from the panel, is Enabled or Disabled.		
	Optional settings: Enabled or Disabled (default).		

A *gross* attack is a large single shock caused by the impact on a protected material, for example the impact generated by a sledge hammer on a concrete surface. For example, you can set the threshold by entering a value between 1 to 19, the threshold value you enter is treated as a gross attack. The energy measured by the detector is classified to a number in this range. If the measured shock is higher than the threshold set, an alarm is generated.

Accumulated mode detects a series of low level shocks due to a number of impacts on a protected material over a certain time, for example the impact generated by chiselling on a concrete surface.

Example: Assume a scenario where the gross attack level is set to 9. Accumulation mode is also enabled. A shock level 3 is detected; this level is not enough to trigger an alarm. Since accumulation mode is enabled, the detector does not simply discard this shock event as would happen if accumulation mode was disabled. In this case, the detector waits for a further 1 second for an additional shock. If one occurs but still does not accumulate to the gross attack level, the sensor waits for another second and so on, up to 10 seconds in total. If during this time, the shock levels registered do not add to a level 9, the detector is reset.

#### 2.5. Local Operating and Calibrating of the Shock Detector

The SD-304C PG2 can be calibrated locally only when the device is in Local Diagnostics mode that is the first 15 minutes after opening the cover. When the device is not in this mode, but further calibration is required, the installer should reset the device by closing the tamper switch.

1. Press on the "Up" or "Down" button to turn on the digital display. The letter 'G' appears on the display for 3 seconds to indicate Gross Attack levels (thresholds). Then, the menu appears on the display to enable you to select a number in the range of 1-19. If, instead of a number the letter "E"

appears on the display, this indicates that there is no communication link between the unit and control panel. In this instance no local adjustment is allowed.

Note: If no buttons are pressed within 20 seconds, the digital display turns off.

- 2. Change the threshold by pressing the "Up" or "Down" button.
  - **Note:** The lower the threshold, the higher the sensitivity, therefore, the lowest thresholds are more suitable for harder materials, such as concrete.
- 3. While the SD-304C PG2 threshold menu is active, knock on the surface with the required force for the detector to set the required threshold. The power of the detected knock is presented on the display of the SD-304C PG2 as a blinking number for 3 seconds. The displayed number will be in the range of 1 to 19, where 1 is very weak and 19 is very strong.

**Note:** Note: If the installer knocks on the surface but nothing appears on the display, this indicates that no shock is detected. If a hyphen blinks, this indicates that the knock is above the highest threshold of the detector.

- 4. Repeat the same test several times.
- 5. Press the "Up" or "Down" button to navigate to the threshold number to be set and then press the "Up" and "Down" buttons simultaneously to set the threshold.
- 6. The detector now moves to the next menu, the Accumulated menu (shown as "A" on the display). Press the "Up" or "Down" buttons to Enable ("1" on the display) or Disable ("0" on the display) the Accumulation mode. Press the "Up" or "Down" buttons simultaneously to set the selected option.

  Note: When Accumulation is enabled, the power of impact will still indicate the strength of a single knock, therefore, it is recommended to disable this parameter while the Threshold is tested and to enable the Accumulation mode only after setting the Threshold.
- 7. If after the "Up" and "Down" buttons are simultaneously pressed the letter "E" appears, this likely indicates that there is no communication link between the unit and control panel. Check if the panel is properly powered.

**Note:** The parameters that are set locally are saved on the control panel and are automatically downloaded to the detector either on power up or tamper closure.

### 3. LOCAL DIAGNOSTICS TEST

Before testing, separate the base from the cover (see Figure 3).

- A. Press the tamper switch once and release it.
- B. Put back the cover to return the tamper switch to its normal (undisturbed) position, and then secure the front cover to the base with the case closure screw
- C. Use a hammer to apply shock in close proximity to the detector and verify the red LED blinks, indicating detection.
- D. After 2 seconds the LED blinks 3 times.

The following table indicates received signal strength indication.

LED response	Reception
Green LED blinks	Strong
Orange LED blinks	Good
Red LED blinks	Poor
No blinks	No communication

Important! Reliable reception must be assured. Therefore, "poor" signal strength is not acceptable. If you receive a "poor" signal from the detector, relocate it and re-test until a "good" or "strong" signal strength is received.

Note: For detailed Diagnostics Test instructions refer to the control panel Installer Guide.

# 4. EVENT INDICATIONS

LED Indications	Event
Red LED ON 0.2 sec.	Tamper open / close
Red on 2 sec.	Shock
Red on 2 sec.	Open close door
Red on 2 sec.	Open close Aux input
Yellow LED on	AM detection in local diagnostic mode
Yellow LED blinks slowly (0.2 sec. ON, 30 sec. OFF)	AM detection in normal mode

## 5. MISCELLANEOUS COMMENTS

Visonic Ltd. wireless systems are very reliable and are tested to high standards. However, due to low transmitting power and limited range (required by FCC and other regulatory authorities), there are some limitations to be considered:

- A. Receivers may be blocked by radio signals occurring on or near their operating frequencies, regardless of the digital code used.
- B. A receiver responds only to one transmitted signal at a time.
- C. Wireless devices should be tested regularly to determine whether there are sources of interference and to protect against faults.

#### 6. COMPLIANCE WITH STANDARDS

Compliance with Standards

3CE

The SD-304C PG2 is designed to comply with the following standards:

**Europe:** EN 301 489-3, EN 50130-4, EN 300 220-2, EN 60950-1, EN 50130-5, EN 50131-1, EN 50131-6+A1, EN 50131-2-6,

Grade 2, Class II, CLC/TS 50131-2-8.

Certified by Applica T&C.

**UK:** This product is suitable for use in systems installed to conform to PD6662:2010

USA: CFR 47 part 15 (FCC); FCC ID = WP3SD304CPG2

Canada: RSS 210; IC ID = 1467C-SD304CPG2

Hereby, Visonic Ltd. declares that the radio equipment type SD-304C 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.

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The Power G peripheral devices have two- way communication functionality, providing additional benefits as described in the technical brochure. This functionality has not been tested to comply with the respective technical requirements and should therefore be considered outside the scope of the product's certification.

Wood		Supports	Soft Iron	
Opening	Closing	Direction	Opening	Closing
20mm+/-	14mm+/-	Х	15mm+/-	14mm+/-
5mm	6mm		5mm	5mm
14mm+/-	15mm+/-	Y	15mm+/-	14mm+/-
5mm	5mm		5mm	5mm
25mm+/-	24mm+/-	Z	25mm+/-	24mm+/-
5mm	5mm		5mm	5mm

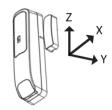


Figure 5: Axis Definitions

#### **FCC Compliance Statement**

The digital circuitry of this device 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 residential installations. 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 and television reception. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

- Re-orient or re-locate the receiving antenna.
- Increase the distance between the device and the receiver.
- Connect the device to an outlet on a circuit different from the one which supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician

#### IC statement:

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes:(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

Warning! The user is cautioned that changes or modifications to the unit, not expressly approved by Visonic Ltd., could void the user's FCC or other authority to operate the equipment.



#### W.E.E.E. Product Recycling Declaration

For information regarding the recycling of this product you must contact the company from which you orignially 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 2002/96/EC Waste Electrical and Electronic Equipment.

### APPENDIX: SPECIFICATIONS

Frequency

Europe and rest of world: 433-434, 868-869 USA: 912-919

Band (MHz)

Maximum

10 dBm @ 433 MHz, 14 dBm @ 868 MHz

Tx Power

Communication PowerG

**Protocol** 

**Alarm Input** One auxiliary Tamper Front and back

Supervision Signaling at 4-min. intervals

**Tamper Alert** Reported when a tamper event occurs

**Power Supply** Type C

**Battery type** 3 V Lithium CR-123A type battery, Panasonic, Sanyo or GP only.

**Battery Life** 

5 years (for typical use) with all sensors enabled

Expectancy

Low Battery 2.6 V

Threshold

Current

20-30 µA approx. (150 mA during transmission)

Consumption

Shock Detection Radius

Not EN Tested		EN Certified (CLC/TS 50131-2-8)	
Window	4m	Framed glass window	1 m
	(13 ft)	(Standard test material A1)	(3.3 ft)
Wood	3.5m	Wood (Standard test material A2)	1 m
	(11.5 ft)		(3.3 ft)
Brick/concrete	2.5m	Concrete (Standard test material A3)	0.5 m
walls	(8.2 ft)		(1.6 ft)

Note: Different materials vary in density, size, and thickness, so it is impossible to guarantee that certain values apply to all options. The provided values that are not EN tested are given as possible values. The EN certified values are the minimum values that EN requires for surfaces with predefined parameters, mentioned as A1, A2, or A3 materials.

Operating

-10°C to 55°C (14°F to 131°F)

Temperature

Storage -20°C to 60°C (-4°F to 140°F)

Temperature

Humidity Average relative humidity of approximate 75% non-condensing. For 30 days per year relative humidity may vary between 85 % and

95 % non-condensing

118 x 27 x 30 mm (4-5/8 x 1-1/8 x 1-3/16 in.)

**Auxiliary Input** 

10m max.

Cable Length

**Auxiliary Input**  $2.2 \, \text{K}\Omega$ 

**EOL Resistor** 

Dimensions (LxWxD)

Weight

(including battery)

130g (4.6 oz)

## 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 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 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 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 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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