1. INTRODUCTION

The internal GSM module enables the PowerMax10 system to operate over a GSM/GPRS cellular network.

2. INSTALLATION

**PowerMax10 Control Panel**

1. Release screws
2. Plug in the GSM module and fasten it with the screw

**External GSM antenna**

3. Mount the optional GSM external antenna on the desired site surface, connect its connector to the internal GSM module and insert the SIM card

**SIM card insertion**

4. Slide SIM card into cover
5. Rotate cover to close
6. Lock cover to close

**IMPORTANT**

1. Before inserting SIM card, deactivate its PIN code (by using a cellular telephone).
2. Do not insert or remove SIM card when the control panel is powered by AC power or battery.


Compliance with European CE Standards:
- EN301489-3, 7, EN60950, EN50136-1 and -2
- Compliance with GSM Standards (Europe): Complies with CE standards 3GPP TS 51.010-1, EN 301 511, EN301489-7

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.

1. INTRODUCTION

The Next PG2 and Next-K9 PG2 are 2-way, microprocessor-controlled, wireless digital PIR detectors. The detectors features are as follows:

- Combined Fresnel and cylindrical optics, up to 15 meters (49 ft).
- The Next PG2 includes wall creep zone protection.
- In Next PG2 and Next-K9 PG2, Target Specific Imaging™ (TSI) technology is used for distinction between human beings and pets weighing up to 38 kg (85 lb).
- Includes a fully supervised PowerG transceiver.
- The advanced True Motion Recognition™ algorithm (patented) allows distinguishing between the true motion of an intruder and any other disturbances which may cause false alarms.
- Sophisticated frequency domain digital signal processing.
- No vertical adjustment is needed.
- Motion event counter determines whether 1 or 2 consecutive motion events will trigger an alarm.
- Automatic termination of walk-test after 15 minutes.
- Microprocessor-controlled temperature compensation.
- Sealed chamber protects the optical system.
- Front cover and back tamper switches, for improved tamper protection.
- White light protection.

2. SPECIFICATIONS

GENERAL

Detector Type: Dual element low-noise pyroelectric sensor

Lens Data:

- Next PG2: 18 far, 18 mid, 10 close.
- Next-K9 PG2: 18 far, 18 mid, 18 close

Max. Coverage: 15 x 15 m, (49 x 49 ft) / 90°

ELECTRICAL

Internal Battery: 3V Lithium battery, type CR-123A or equivalent.

Note: For UL installations use Panasonic, Sanyo, GP or Varta only. Use only the above battery. Dispose of used battery according to the manufacturer's instructions.

Nominal Battery Capacity: 1450 mA/h

Battery Life (for typical use): 6 years

FUNCTIONAL

True Motion Event Verification: 2 remote selections - 1 (OFF) or 2 (ON) motion events

Alarm Period: 2 seconds

WIRELESS

Frequency Band (MHz):
- Europe: 433, 868, USA: 915
- Modulation: GFSK
- Antenna: Built-in helical antenna
- Communication Protocol: PowerG
- Supervision: Signaling at 4-min. intervals
- Tamper Alert: Reported when a tamper event occurs and in any subsequent message, until the tamper switch is restored

MOUNTING

Height: 1.8 - 2.4 m (6 - 8 ft). For Next PG2, the recommended height is up to 2.1 m (7 ft)

Installation Options: Surface or corner

ACCESSORIES

BR-1: Surface mounted swivel bracket, adjustable 30° down and 45° left/45° right.

BR-2: BR-1 with a corner adapter

BR-3: BR-1 with a ceiling adapter

ENVIRONMENTAL

RFI Protection: >20 V/m up to 2000 MHz, excluding inband frequencies

Operating Temperatures: -10°C to 50°C (14°F to 122°F) indoor

Storage Temperatures: -20°C to 60°C (-4°F to 140°F)

Compliance with Standards:
- Europe: EN 300220, EN 50131-1 Grade 2, Class II. EN 301489, EN 50130-4, EN 60950, EN 50131-2-2
- USA: CFR47 Part 15
- Canada: RSS 210

PHYSICAL

Size (H x W x D): 94.5 x 63.5 x 53.0 mm (3-11/16 x 2-1/2 x 2-1/16”)

Weight (with battery): 70 g (2.5 oz).

Color: White

PATENTS

U.S. Patents 5,693,943 • 6,211,522 • D445,709 (another patent pending)
3. **ENROLLMENT**

Refer to the PowerMaster-10 Installer Guide for the device enrollment procedure.

4. **MODIFY DEVICE SETTINGS**

This section describes how to configure the parameters of the PIR detector from the PowerMaster-10 control panel.

**To Modify the PIR Detector Device Settings**

Refer to the PowerMaster-10 Installer Guide and perform the procedure for Adding A Wireless Device (section 4.5.2), or, Modifying a Device (section 4.5.5). Then continue below to modify the device settings.

1. **DEU SETTINGS**
   - **Alarm LED**
     - Here you determine whether or not the alarm LED indication will be activated.

2. **LED ON**

3. **LED SENSITIVE**
   - Select between "LED ON" and "LED OFF".

4. **Alarm LED**

5. **Event Counter**
   - Here you determine whether an alarm will be activated upon continued motion (low sensitivity) or upon a single alarm event (high sensitivity).

6. **LED SENSITIVE**

7. **Event Counter**

8. **DISARM Activity**
   - Here you set the activity time during disarm.

9. **NOT Active**

10. **DISARM Activity**
    - Select between "NOT Active", "YES + no delay", "YES + 5s delay", "YES + 15s delay", "YES + 30s delay", "YES + 1m delay", "YES + 2m delay", "YES + 5m delay", "YES + 10m delay", "YES + 20m delay", and "YES + 60m delay".

5. **LOCAL DIAGNOSTICS TEST**

A. Separate the base from the cover (see Fig. 5).
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. Walk-test the coverage area - see Fig. 2. Walk across the far end of coverage pattern in both directions. The red LED lights each time your motion is detected followed by 3 LED blinks.

The following table indicates received signal strength indication.

<table>
<thead>
<tr>
<th>LED response</th>
<th>Reception</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green LED blinks</td>
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<tr>
<td>Orange LED blinks</td>
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</tr>
<tr>
<td>No blinks</td>
<td>No communication</td>
</tr>
</tbody>
</table>

*When exiting "ZONES / DEVICES" menu, the PowerMaster-10 system displays the number of devices that need to be updated, as follows: DEV UPDATING NNN.*

*For detailed instructions on Adding Devices, Deleting Devices, Replacing Devices and Defining Defaults see the PowerMaster-10 Installer Guide.*
6. INSTALLATION

6.1 General Guidance (see Fig. 4)

1. Keep away from heat sources.
2. Do not expose to air drafts.
3. Do not install outdoors.
4. Avoid direct sunshine.
5. Keep wiring away from power cables.
6. Do not install behind partitions.
7. Mount on solid stable surface.

Figure 4. General Guidelines

Important! The Next-K9 PG2 detector is immune to 38 kg (85 lb) animals moving on the floor or climbing on furniture as long as the activity takes place below 1 m (3 ft). Above the 1 m (3 ft) height limit, the detector is immune to 19 kg (42 lb) pets, but the pet immunity will decrease as the pet gets closer to the detector. It is therefore recommended to select a mounting location that minimizes potential close proximity of animals.

6.2 Mounting (see Fig. 5)

1. Release screw and remove cover.
2. Push catch and remove board.
3. Insert battery.
4. Mounting
   A. Front Tamper switch
   B. Back Tamper switch
   C. On surface
   D. In corner

Figure 5. Mounting

7. SPECIAL COMMENTS

Even the most sophisticated detectors can sometimes be defeated or may fail to warn due to: DC power failure / improper connection, malicious masking of the lens, tampering with the optical system, decreased sensitivity in ambient temperatures close to that of the human body and unexpected failure of a component part.

The above list includes the most common reasons for failure to detect intrusion, but is by no means comprehensive. It is therefore recommended that the detector and the entire alarm system be checked weekly, to ensure proper performance.

An alarm system should not be regarded as a substitute for insurance. Home and property owners or renters should be prudent enough to continue insuring their lives and property, even though they are protected by an alarm system.

D-302413 3
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 that supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

**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.**

### 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 Manufacturer's recommended installation and operation instructions. Products which have become defective for any other reason, according to the Manufacturer’s discretion, 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. 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.

**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 have no liability 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, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Manufacturer.

Visonic Limited (the “Manufacturer”) warrants the Product to be free from defects in material and workmanship for a period of one (1) year from the date of shipment by the Manufacturer.

## 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.


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Visonic Inc. (U.S.A.): 35 WEST DUDLEY TOWN ROAD, BLOOMFIELD CT. 06002-1376. PHONE: (860) 242-8053, (800) 223-0020. FAX: (860) 242-8994

Visonic LTD. (UK): UNIT 6 MADINGLEY COURT CHIPPENaN DRIVE KINGSTON MILTON KEYS M610 0BZ, TEL: (0870) 7300800 FAX: (0870) 7300801, TEL: (0870) 7300800 FAX: (0870) 7300801 PRODUCT SUPPORT: (0870) 7300830

Visonic GmbH (D-A-CH): KIRCHHELS STR. 118, D-40215 DÜSSELDORF, TEL: +49 (0)211 600696-6, FAX: +49 (0)211 600696-19

Visonic Iberica: 10LA DE PALMA, 32, NAVÉ 7, POLIGÓN INDUSTRIAL NORTE, 28700 SAN SEBASTIAN DE LOS REYES, (MADRID), ESPANA. TEL (34) 91659-3120, FAX (34) 91659-8468. www.visonic-iberica.es

INTERNET: www.visonic.com

©VISONIC LTD. 2010 NEXT PG2, NEXT-K9 PG2 D-302413 (REV. 0, 11/10)
1. INTRODUCTION
The RP-610 PG2 is a range extender designed to relay digital data between wireless PowerMaster-10 Devices and a PowerMaster-10 Control Panel. Repeater links are required when the Control Panel is beyond the range of at least some of the devices and is therefore incapable of receiving transmissions directly (see Figure 3).

2. SPECIFICATIONS
Frequency Band (MHz): Europe: 433, 868, USA: 915
Modulation: GFSK
Antenna: Built-in antenna
Communication Protocol: PowerG
AC Power Supply: AC to AC adaptor:
120 VAC, 60 Hz / 9 VAC, 0.35 A min. (in the U.S.A.)
230 VAC, 50 Hz / 9 VAC, 0.35 A min.
Backup Battery: 4.8-Volt 1300 mAh NiMH rechargeable.
Caution!
Risk of explosion if battery is replaced by an incorrect type. Dispose of used battery according to manufacturer's instructions.
Nominal Current Drain:

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>433</th>
<th>868</th>
<th>915</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100 mA</td>
<td>100 mA</td>
<td>100 mA</td>
</tr>
</tbody>
</table>

Battery Backup Duration (with fully charged 1300 mA/h battery): 48 hours.
LED indicator: Green LED lights when AC power on.
Operating Temperature: 0°C to 49°C (32°F to 120°F).
Dimensions: 161x161x50mm (6-7/16 x 6-7/16 x 1-3/4 in)
Weight: 470g (16.5 oz.)
Compliance with Standards:
Europe: EN 50131-1, EN 50130-5, EN 50131-6, EN 301489, EN 50130-4, EN 300 220
USA: (FCC) CFR47 Part 15
Canada: RSS210

3. INSTALLATION
3.1 Repeater's Location Selection
A. In a repeater setup, install the repeater where good communication is assured with the target receiver and with the transmitters deployed in the repeater's coverage area.
B. Mount the repeater as high as possible above the floor and well away from metal chimneys, large metal cabinets, metal doors and reinforced concrete walls, all of which may reduce the communication range.
C. Make sure that the location you have selected is near an electrical outlet.
4. ENROLLMENT
Refer to the PowerMaster-10 Installer Guide for the device enrollment procedure.

5. CONFIGURATION AND OPERATION

5.1 Service Messages
Five kinds of event codes are automatically included in a service transmission in addition to the repeater’s:
- AC fail
- Low Battery
- End of life
- Tamper
- Supervision.
Upon power failure, recharging stops and the backup battery takes over. It is therefore correct to assume that without power input the battery is gradually weakening and may be reported as “low”. Power / battery restore is reported only in the following test report. End of life is reported when battery power is depleted and device is about to shut down.

Tamper restore is reported immediately upon occurrence. If the tamper or power failure condition persists long enough, respective alerts will be sent out again with each test report.

6. MAINTENANCE
Note: Battery replacement should be done by a service man.
7. LOCAL DIAGNOSTICS TEST

Before testing, separate the base from the cover (see Fig. 2).

A. Press the self-test button once and release it:
   The red LED and then the green LED will switch ON and then OFF in turn to indicate that the repeater is now fully operational.

B. After 2 seconds the LED blinks 3 times.
   The following table indicates received signal strength indication.

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<td>No blinks</td>
<td>No communication</td>
</tr>
</tbody>
</table>

**IMPORTANT!** Reliable reception must be assured. 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.

**Note:** For detailed Diagnostics Test instructions refer to PowerMaster-10 Installer Guide.

8. COVER CLOSURE

See figure 5.

![Figure 5: Cover Closure](image)

9. NOTES AND WARNINGS

9.1 Product Limitations

Visonic Ltd. wireless systems are very reliable and are tested to high standards. However, due to their 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 code selected.

B. Wireless equipment should be tested regularly to determine whether there are sources of interference and to protect against faults.

9.2 Compliance with Standards

**Interference Prevention**

This device complies with FCC Rules Part 15. 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!** 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.

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.


D-302415 3
WARRANTY
Visonic (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.

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.

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, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Manufacturer.

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

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 Manufacturer's 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, consequential or otherwise, caused by the malfunction of the Product due to products, accessories, or attachments of others, 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.

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.

The manufacturer 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.

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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.

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EXCEED THE PURCHASE PRICE OF THE PRODUCT, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Manufacturer.

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1. INTRODUCTION

The SR-730 PG2 is a fully wireless outdoor siren, designed for installation in areas in which wiring action is difficult or impossible. The siren is compatible with PowerMaster-10 control panels.

Features

• **Siren and strobe light activation:** When an identified event message is received from the compatible PowerMaster-10 alarm system, the siren activates its sounder & strobe light.
  
  **Notes:**
  
  The sounder is activated for a predefined "Bell Time" (refer to PowerMaster-10 Installer Guide, par. 4.3), according to local authorities requirements, or until the system is disarmed, whichever occurs first.
  
  The strobe light operates as described in the PowerMaster-10 Installer Guide, par. 4.3.

• **Tamper indication:** In case of tamper while the system is armed, the siren transmits the message to the alarm system and then the alarm system determines whether the siren should be activated or not. If the siren does not receive an acknowledge message from the alarm system, the siren will function independently.

• **Low battery voltage alert**
  
  When the battery voltage is low, a low battery message is sent to the alarm system. After the low voltage message delivery, at least 2 siren alarms are possible before the siren is totally inactive.

• **Power Supply Options:** Non-rechargeable battery. Optional - two non-rechargeable batteries.

• **Sound Types:** Burglar (between 1400Hz - 3200Hz), fire, gas/Co and flood.

• **Entry/Exit:** Exit delay beeps sound once the user has armed the system. Entry delay beeps sound once the user has entered the protected area. (Entry/exit beeps can be enabled / disabled from the PowerMaster-10 Installer menu.)

• **Squawk indication:** Squawk (beep) sounds can be used to indicate alarm system arming (1 squawk) and disarming (2 squawks) by a keyfob (squawk can be enabled from the PowerMaster-10 User menu).

• **Strobe Light Color:** The siren can be purchased with red, blue, amber or transparent lens, according to the desired strobe light color.

• **Siren activity LED:** A flashing LED (optional, at the bottom of the siren front panel) indicates siren activity (can be disabled by the control panel)

• **Double Tamper protection:** When the siren front panel is removed or when the siren is removed from the wall, tamper alarm is sent to the alarm system.

**IMPORTANT!** The SR-730 PG2 siren must be installed on the wall in a vertical position with the screw pointing to the floor only, as illustrated in Figure 1b. The importance of correct positioning of the SR-730 PG2 is to enable the siren to function as a waterproof device.

• **2-way full supervision**

  The siren is fully supervised, 2-way communication device. It includes a receiver, to receive event messages from the alarm system, and a transmitter, to periodically transmit its status signal to the alarm system.

2. SPECIFICATIONS

**Frequency Band (MHz):** Europe: 433, 868, USA: 915

**Modulation:** GFSK

**Antenna:** Built-in antenna

**Communication Protocol:** PowerG

**Siren Type:** One Piezo 109 db min. Sound Pressure Level @ 1m, 1.4-3.2 kHz, sweep frequency 7 Hz. Additional piezo is optional.

**Battery Type:** 3.6V/14.5A/H Lithium battery (EVE ER34615MxW200), Visonic assembly cat. No. 0-9912-K.

**Note:** The strobe flashes 5 times and the red LED lights continuously during first battery installation.

**Note:** Use only the above battery.

**Caution!**

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

**Battery Life Expectancy:** 8 years (for typical use)

**Strobe Light:** Pulsed @ 1 sec.

**Operating Temperature:** -33°C to 70°C (-27.4°F to 158°F), RH humidity 75%

**Dimensions (LxWxD):** 295x186x63mm (11-5/8 x 7-5/16 x 2-1/2 in)

**Weight (including battery):** 970g (34 oz)

**Color:** White (with red, blue, amber or transparent lens)

**Compliance with Standards:**
Europe: EN50131-1 Grade 2 Class 4, EN 50131-4, EN 301489, EN 50130-4, EN 50130-5, EN 300 220, EN 60950-1, EN 60950-22 Environmental IP55.
USA: CFR47 Part 15
Canada: RSS 210

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Interference Prevention
This device complies with FCC Rules Part 15. 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.
The digital circuit 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.
Changes or modifications not expressly approved by Visonic Ltd. could void the user’s authority to operate the equipment.

3. INSTALLATION

1. Open plastic cover screw.
2. Using Philips screwdriver, remove screw and remove cover.
3. Optional step: Hang back unit with a screw on mounting surface to make the next step (drilling marking) easier.
4. Mark for drilling.
5. Drill 5 holes.
6. Fasten with 5 screws.
7. Release catch (A) and open battery cover (B).
8. Connect battery / optional battery and 9VAC power to the proper connectors and set the optional jumpers as desired.

A. Mounting surface.
B. For tamper.
C. Self-Test button.
D. Enroll button.
E. Primary battery.
F. Secondary battery.
G. Battery connector.
H. Optional second battery and its connector.
I. Siren rear side.
J. When external power is used, set the AC Enable (ON) / Disable (OFF) jumper to Enable position (see step 8).

Note: There are SR-730 PG2 model variations that are supplied with battery only, or, with battery and AC adaptor.

Figure 3: Installation
4. **ENROLLMENT**

Refer to the PowerMaster-10 Installer Guide for the device enrollment procedure.

5. **MODIFY DEVICE SETTINGS**

This section describes how to configure the parameters of the siren from the PowerMaster-10 control panel.

*To Modify the Siren Device Settings*

Refer to the PowerMaster-10 Installer Guide and perform the procedure for Adding A Wireless Device (section 4.5.2), or, Modifying a Device (section 4.5.5). Then continue below to modify the device settings.

1. **DEV SETTINGS**
   - Here you determine the mode in which the strobe alarm will operate.

2. **STROBE ALARM**
   - Timer limited
   - Select between "Timer limited", "Disabled" and "Until Disarmed".

3. **STROBE ALARM**
   - Here you determine whether or not to activate the exit – entry beeps, and if enabled, whether to activate in HOME or AWAY mode.

4. **EXIT-ENTRY Beeps**
   - Select between "Disabled", "Disabled & Home" and "Enabled".

5. **EXIT-ENTRY Beeps**
   - Here you determine whether or not to activate the squawk, and if enabled, whether to activate the sounder only, or, the sounder and strobe simultaneously.

6. **SOUNDER VOLUME**
   - Here you determine the volume level of the sounder.

7. **SOUNDER VOLUME**
   - Select between "Volume HIGH", "Volume LOW" and "Volume MID".

8. **ACTIVITY LED**
   - Here you determine whether or not the LED will be activated to indicate that the siren is operating.

9. **ACTIVITY LED**
   - Select between "Disabled", and "Enabled".

10. **AC POWER Connect**
    - Here you determine whether or not to report a power failure and restore.
22. Not Connected

23. Select between "Not Connected" and "Connected to AC".

24. RC POWER Connect

25. AUTO TAMPER ALRM

26. Disabled

27. Select between "Disabled" and "Enabled".

28. AUTO TAMPER ALRM

Here you determine whether or not the siren alone will sound a tamper alarm when there is no communication between the siren and the control panel.

WARRANTY

Visonic Ltd. (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 Manufacturer recommended installation and operation instructions. Products which have become defective for any other reason, according to the Manufacturer’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 manufacturer, are not covered by this Warranty.

The Manufacturer does not represent that this Product may not be compromised and/or circumvented or that the Product will prevent any death, personal injury and/or property 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.

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 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.

For information regarding the return 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.

NOTE: For detailed Diagnostics Test instructions refer to PowerMaster-10 Installer Guide.