DSC PG9938 PowerG Panic Button User Manual

Contents

DSC

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PG9938/PG8938/PG4938 PowerG Panic Button Installation Instructions

From Tyco Security Products

WARNING: CHOKING HAZARD!
Small parts. The pendant and belt clip are NOT for children under 3 years. Do not submerge the wireless key in any liquid as it will damage the electronic circuits. Keep this manual for future reference.

Operation

The PG9938/PG8938/PG4938 is a panic button. Confirmation of a successful transmission is indicated by the LED light.

Device Setup Enrollment

Refer to the PowerSeries Neo Host Installation Manual or iotega Reference Manual for the enrollment procedure.

Configuration

The following programmable option is available

Supervision – Default [OFF]

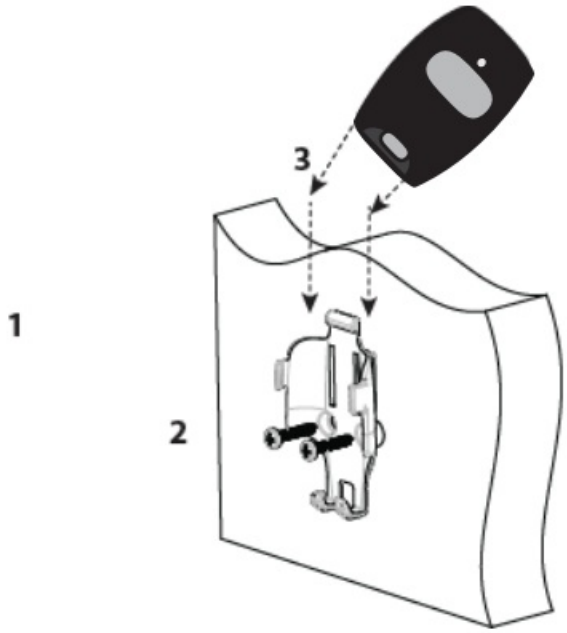
- Enables supervision of the device.

Assembly

Attaching to a Belt Clip

1. Slide the device into the holder until you feel it snap securely inside.
2. To attach the belt clip, slide it onto the rails on the rear of the holder.

Mounting



1. Align the holder on a wall facing up as illustrated.
2. Using two #4 5/8” screws and appropriate wall anchors, secure the holder to the wall.
3. Slide the device into the holder until you feel it snap securely inside.
4. To remove the device from the holder, pinch the clasps.

Maintenance

Warning! Modifications to this device not expressly approved by the party responsible for compliance may void the user’s authority to operate it.

Replacing the Battery

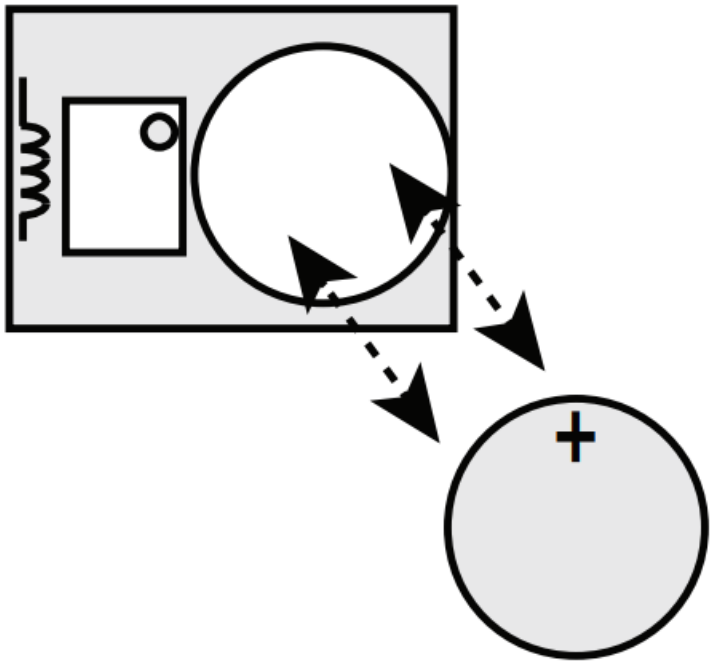
The required battery is CR2032 Lithium 3V, manufactured by VARTA or Energizer, purchased from a DSC-

approved supplier. When this panic button is out of use, remove the batteryand dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Batteries are harmful to the environment, please help to protect the environment from health risks. Replace the battery at least once every 5 years, or upon observing that the LED flickers when transmitting.

- WARNING: The polarity of the battery must be observed. Improper handling of lithium batteries may result in heat generation, explosion or fire, which may lead to personal injuries.
- WARNING: Replace only with the same or equivalent type recommended by the manufacturer. Keep away from small children. If batteries are swallowed, promptly see a doctor. Do not try to recharge these batteries. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area.

To replace the battery:

1. Insert a coin into the slot on the bottom of the unit and twist it open.
   NOTE: Make sure the elastic pad within the cover remains in place. Put it back in place if it falls off.
2. Extract the old battery from its holder, and replace it with a recommended new battery. Ensure that the plus side of the battery faces up, attaining correct polarity



3. Test the device by pressing the button. The LED indicator should light.
4. Replace the cover securely, verifying it snaps shut.

Cleaning

Abrasives of any kind and solvents such as kerosene, acetone or thinner must not be used. Clean the wireless key only with a soft cloth or sponge moistened lightly with a mixture of water and mild detergent. Wipe dry immediately.

Testing

Always test the system at least once a year.

1. Ensure the device is enrolled in the system.

2. Put the alarm system into Placement Test mode.
3. Stand 3 m (10 ft) away from the control panel and press the button. Verify that the transmit LED lights and the control panel responds as programmed.
4. Operate the pendant from various locations within the area covered by the receiver to determine “dead” locations, where transmission is blocked by walls and large objects, or affected by structural materials.

NOTE: If dead/marginal zones are a problem, relocating the receiver may improve the performance.

Specifications

- Frequency Band (MHz): CE Listed PG4938: 433- 434.72MHz; CE listed PG8938: 868-869.15MHz; FCC/IC/UL/
- ULC listed PG9938: 912-919.185MHz
- Communication Protocol: PowerG
- Battery type: For UL/ULC listed installation use only Varta or
- Energizer 3V CR-2032 Lithium battery consumer grade. 230mA
- Battery Life Expectancy: 5 years (not verified by UL/ULC)
- Quiescent Current: 3µA
- Low Battery Threshold: 2.05 V
- Note: If transmission is still possible despite the battery condition, the unit will send a low battery signal to the control panel.
- Temperature Range: -10°C to +55°C (UL/ULC only verified the range 0º to 49ºC)
- Humidity: up to max. 93%RH, non-condensing
- Dimensions (LxWxD): 53 x 33 x 11 mm (2.1 x 1.3 x 0.43 in)
- Weight: 15 g (0.5 oz)
- Weight (including battery): 20 g (0.7 oz)
- Note: To be used in non-hazardous locations only.

This equipment is designed and listed for use in security system applications only, not for health care signaling or life safety applications.

Compatible Receivers

This device can be used with DSC panels and receivers that use PowerG technology. For UL / ULC installations use these device only in conjunction with DSC wireless receivers: WS900-19, WS900-29, HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 and PG9920. After installation, verify product functionality in conjunction with the compatible receiver used.

NOTE: Only devices operating in band 912-919MHz are UL/ ULC listed.

UL/ULC Notes

The PG9938 has been listed by UL for residential burglary applications and by ULC for residential burglary applications in accordance with the requirements in the Standard UL 1023/ ULC-ORD-C1023 Household Burglar Alarm Units. The PG8938 is certified by Applica Test and Certification to the following standards: EN50131-3, EN 50131-6 Type C. Applica Test and Certification has certified only the 868 MHz variant of this product. According to EN 50131- 1:2006 and A1:2009, this equipment can be applied in installed systems up to and including Security Grade 2, Environmental Class II. UK: The PG8938 is suitable for use in systems installed to conform to PD6662:2010 at Grade 2 and environmental class 2 BS8243. The PowerG 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.

SIMPLIFIED EU DECLARATION OF CONFORMITY
Hereby, Tyco Safety Products Canada Ltd declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declarations of conformity for the models mentioned below are available at the following internet addresses:

- PG4938 – **http://dsc.com/pdf/1401015**
- PG8938 – **http://dsc.com/pdf/1401038**
- Frequency Band / Maximum Power
- g1 433.04MHz – 434.79MHz/10mW
- h1.4 868.0MHz – 868.6MHz/10mW
- h1.5 868.7MHz – 869.2MHz/10mW
- European single point of contact: Tyco Safety Products, Voltaweg 20, 6101 XK Echt, Netherlands.

FCC COMPLIANCE STATEMENT

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. 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 relocate 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.

This equipment complies with FCC and IC RF radiation exposure limits set forth for an uncontrolled environment. This device complies with FCC Rules Part 15 and with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

1. This device may not cause harmful interference,
2. this device must accept any interference that may be received or that may cause undesired operation.

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References

- **User Manual**