



D-305049

From Tyco Security Products

## PG9949/PG8949/PG4949

### PowerG 2-Button Wireless Key Installation Instructions

**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 PGx949 is a programmable 2-button wireless key. The PGx949 can be configured to transmit up to three separate commands to the alarm system. Two of the commands are transmitted by pressing one of the buttons separately, and the third is by pressing them simultaneously. Confirmation of a successful transmission is indicated by the LED light.

### Default Settings

**Arm (button 1)** - Press for 1 second

**Disarm (button 3)** - Press for 1 second.

**Panic (button 4)** - Press and hold both buttons for more than 3 seconds.

## Device Setup

### Enrollment

To quick enroll:

- On a keypad press [\*] [8] [Installer Code] [804] [000].

- Press and hold the button on the wireless key until the LED lights steady and then release the

button while the LED is still lit and a confirmation message appears on the keypad.

- Press [\*] on the keypad to confirm the device ID.
- Enter [3 digit wireless key #]
- Assign the wireless key to a partition by entering the [three digit partition #].
- To assign the wireless key to a user enter the [3 digit user #].

To pre-enroll:

- Remotely configure the unique ID number into the system. For more information see the HSM2HOST manual.
- When on-site, press the button on the wireless key.

### Programming Buttons

The buttons are programmable.

To change button programming:

- From a keypad enter [\*] [8] [Installer Code] [804][601] to [632].
- Configure button 1 (default arm) using the table below. Enter the desired two digit option.
- Configure button 3 (default disarm) by entering the desired two digit option.
- Configure button 4 (both buttons pressed simultaneously) by entering the desired two digit option.

00	Disabled	16	Quick Exit
01	Disarm	17	Arm Interior
02	Instant Stay Arm	21	Comm. Output 1
03	Stay Arm	22	Comm. Output 2
04	Away Arm	23	Comm. Output 3
05	[*][9] No Entry	24	Comm. Output 4
06	Chime On/Off	29	Bypass Group Recall

07	System Test	33	Bypass Recall
09	Night Arm	51	Aux. Alarm
12	Global Stay Arm	52	Panic
13	Global Away Arm		
14	Global Disarm		

## Configuration

To enter the wireless configuration section enter [804][601].

### Device Toggles

[011][01] **Supervision - Default [N]**

Enables supervision of the device.

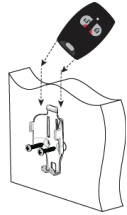
## Assembly

### Attaching to a Belt Clip

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

### Mounting

- Align the holder on a wall facing up as illustrated.
- Using two #4 5/8" screws and appropriate wall anchors, secure the holder to the wall
- Slide the device into the holder until you feel it snap securely inside.



## Maintenance

**Warning!** Modifications to this wireless key 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.

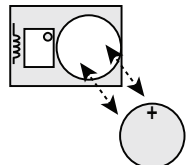
When this wireless key is out of use, remove all batteries and dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Batteries are harmful to the environment, please help to protect the environment from health risks.

Replace the battery at least once every 5 years, or upon observing that the LED flickers when transmitting.

**NOTE:** 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:** Danger of explosion if batteries are installed incorrectly. 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, 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.
- 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.



- Test the device by pressing the button. The LED indicator should light.

- Reattach the cover securely, verifying that the cover snaps shut.

### Cleaning

The use of abrasives of any kind and solvents such as **kerosene, acetone or thinner is strictly forbidden.**

Clean the wireless key only with a soft cloth or sponge moistened lightly with a mixture of water and mild detergent, and wipe it dry immediately.

### Testing

Always test the system at least once per a year.

- Ensure the device is enrolled in the system.
- 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.
- 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 PG4949: 433-434MHz; CE/EN listed PG8949: 868MHz; FCC/IC/UL/ULC listed PG9949: 912-919MHz

**Communication Protocol:** PowerG

**Battery type:** For UL/ULC listed installation use only Varta or Energizer 3V CR-2032 Lithium battery consumer grade

**Battery Life Expectancy:** 5 years (not verified by UL/ULC)

**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 0°C-49°C)

**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.

### Compatible Receivers

433MHz Band: HSM2HOST4; HS2LCDRF(P)4; HS2IC-NRF(P)4; PG4920

868MHz Band: HSM2HOST8; HS2LCDRF(P)8; HS2IC-NRF(P)8; PG8920

912-919MHz Band: HSM2HOST9; HS2LCDRF(P)9; HS2IC-NRF(P)9; PG9920

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

## UL/ULC Notes

Only model PG9949 operating in the frequency band 912-919MHz is UL/ULC listed. The PG9949 has been listed by UL for commercial and residential burglary applications and by ULC for residential burglary applications in accordance with the requirements in the Standards UL1610/UL1023/ULC-ORD-C1023 and ANSI/SIA CP-01-2010 Control Panel Standard – Features for False Alarm Reduction.

**Note:** For UL commercial burglary applications:

- After arming the system via the wireless key the user should verify the closing confirmation has been indicated at the keypad.
- Panic button must be disabled.

For UL/ULC installations use these device only in conjunction with compatible DSC wireless receivers: HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 and PG9920. After installation verify the product functionality in conjunction with the compatible receiver used.

**CE** Europe: The PG4949 and PG8949 are compliant with the RTE requirements - Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999. The PG8949 is certified by Applica

Test and Certification to the following standards: EN50131-3, EN50131-1 GRADE 2, CLASS II, EN50131-6 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 PG8949 is suitable for use in systems installed to conform to PD6662:2010 at Grade 2 and environmental class 2 BS8243.

The Power G peripheral devices have two-way communication functionality, providing additional advantages 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

### 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 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.

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, and (2) this device must accept any interference that may be received or that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie 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.

## PG9949/PG8949/PG4949

### Instructions d'installation de la clé sans fil à 2 boutons PowerG

**AVERTISSEMENT !**

Risque d'électrocution ; Pièces de faibles dimensions ; La clé sans fil et l'attache de ceinture NE conviennent PAS à des enfants de moins de 3 ans.

Ne pas plonger la clé sans fil dans aucun liquide car les circuits électroniques risquent de s'endommager. Conserver ce manuel pour une consultation future.

## Fonctionnement

La clé PGx949 est une clé sans fil à 2 boutons programmables. Elle est configurable pour transmettre jusqu'à trois commandes séparées au système d'alarme. Deux des commandes sont transmises en appuyant séparément sur l'un des boutons, et la troisième est transmise en y appuyant simultanément. La confirmation d'une transmission établie avec succès est signalée par le voyant lumineux.

### Réglages par défaut

**Armement (bouton 1) :** Appuyez sur pendant 1 seconde

**Désarmement (bouton 3) :** Appuyez sur pendant 1 seconde

**Demande d'aide (bouton 4) :** Appuyez de façon prolongée les deux boutons pendant plus de 3 secondes.

## Réglage du dispositif

### Attribution

Pour une attribution rapide :

- Sur un clavier, appuyez sur [\*] [8] [Code de l'installateur] [804] [000].
- Appuyez et maintenez la touche sur la clé sans fil jusqu'à ce que la LED s'allume stable et puis relâchez le bouton

pendant que le voyant est toujours allumé et un message de confirmation apparaît sur le clavier.

- Appuyez sur [\*] sur le clavier pour confirmer l'ID de l'appareil.
- Entrez [3 chiffres sans clé #]
- Attribuez la clé sans fil à une partition en entrant le [trois chiffres partition #].
- Pour attribuer la clé sans fil à un utilisateur d'entrer le [3 chiffres utilisateur #].

Pour une attribution préalable :

- Configurez à distance le numéro ID unique dans le système. Pour plus d'informations, consultez le manuel HSM2HOST.
- Sur site, appuyez sur le bouton [\*] de la clé sans fil.

### Boutons de programmation

Les boutons sont programmables.

Pour changer la programmation des boutons :

- Depuis le pavé numérique, entrez la commande [\*] [8] [Code de l'installateur] [804][601] à [632].
- Configurez le bouton 1 (armement par défaut) en utilisant le tableau ci-dessous. Entrez l'option à deux chiffres souhaitée.
- Configurez le bouton 3 (désarmement par défaut) en entrant les deux chiffres de l'option souhaitée.
- Configurez le bouton 4 (les deux boutons appuyés simultanément) en entrant les deux chiffres de l'option souhaitée.

00	Désactivé	16	Sortie rapide
01	Désarmer	17	Armement en intérieur
02	Armer en mode à domicile à effet instantané	21	Communication Sortie 1
03	Armer en mode à domicile	22	Communication Sortie 2
04	Armer en mode d'absence	23	Communication Sortie 3
05	[*][9] Sans entrée	24	Communication Sortie 4
06	Carillon Activé/ Désactivé	29	Rappel de groupe de suspension
07	Essai du système	33	Rappel de suspension
09	Armer en mode nuit	51	Alarme Alarme
12	Armer globalement en mode à domicile	52	De demande d'aide
13	Armer globalement en mode absence		
14	Désarmer globalement		

### Configuration

Pour accéder à la section de configuration sans fil, entrez la commande [804][601].

### Commutateurs du dispositif

[011][01] **Supervision : Valeur par défaut [O]**

Active la supervision

## Assemblage

### Fixation de l'attache de ceinture

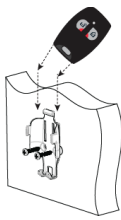
- Faites glisser le dispositif dans l'étau jusqu'à ce qu'il s'enclenche solidement à l'intérieur.
- Pour fixer l'attache de ceinture, faites-la glisser dans les rails sur l'arrière de l'étau.

### Fixation

- Alignez le support sur le mur, vers le haut comme illustré.



- En utilisant deux vis #4 5/8" et des chevilles adéquates, installez le support au mur
- Faites glisser le dispositif dans l'étui jusqu'à ce qu'il s'enclenche solidement à l'intérieur.



## Maintenance

**Avertissement !** Des modifications apportées à cette clé sans fil, qui n'ont pas été expressément approuvées par la partie responsable de la conformité, peuvent annuler le droit de l'utilisateur de la faire fonctionner.

### Remplacement de la pile

La pile nécessaire est une pile CR2032 au lithium de 3 V, fabriquée par VARTA ou Energizer, achetée auprès d'un fournisseur agréé DSC.

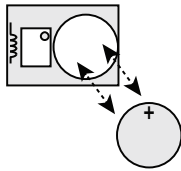
Quand la clé sans fil est hors d'usage, retirez toutes les piles et jetez-les au rebut séparément. Amenez les appareils électriques aux points de collecte de traitement des équipements électroniques et électriques usagés. Les piles sont dangereuses pour l'environnement, veuillez contribuer à protéger l'environnement pour prévenir des risques sur la santé.

Remplacez la pile au moins une fois tous les 5 ans ou en fonction de la faiblesse des voyants lumineux lors de la transmission.

**REMARQUE :** Respectez la polarité de la pile. La manipulation incorrecte des piles au lithium peut engendrer une production de chaleur, une explosion ou un incendie, qui peuvent provoquer des blessures personnelles.

**AVERTISSEMENT :** Danger d'explosion si les piles sont installées de façon incorrecte. Remplacez uniquement les piles par des piles identiques ou équivalentes, recommandées par le fabricant. Gardez-les hors de portée des enfants en bas âge. Si les piles sont avalées, consultez immédiatement un médecin. N'essayez pas de recharger ces piles. L'élimination des piles usagées doit être réalisée conformément aux réglementations du recyclage et de la récupération des déchets en vigueur dans votre région.

- Pour remplacer la pile, insérez une pièce de monnaie dans la fente au bas de l'unité et tournez pour ouvrir.
- Retirez la pile usagée de son logement, et remplacez-la avec une pile neuve de type recommandé. Vérifiez que le côté positif de la pile est orienté vers le haut, préservant la bonne polarité.



- Essayez le dispositif en appuyant sur le bouton. L'indicateur lumineux doit s'allumer.
- Remontez solidement le couvercle en vérifiant qu'il s'enclenche.

### Nettoyage

**L'utilisation de produits abrasifs ou de solvants comme du kérosène, de l'acétone ou des diluants est strictement interdite.**

Nettoyez uniquement la clé sans fil avec un chiffon doux ou une éponge légèrement humide avec une solution d'eau et de détergent doux puis séchez immédiatement.

### Test de fonctionnement

- Testez toujours le système au moins une fois par an.
- Vérifiez que le dispositif est attribué dans le système.
  - Tenez-vous à 3 m (10 pieds) de la centrale et appuyez sur le bouton. Vérifiez que le voyant lumineux de transmission s'allume et que la centrale répond selon la programmation.
  - Agissez sur le boîtier de commande depuis différents endroits dans la zone couverte par le récepteur pour déterminer les points « morts », où la transmission est bloquée

par les murs et les objets encombrants, ou altérée par les matériaux structuraux.

**Remarque :** Si des zones mortes/en marge constituent un problème, le déplacement du récepteur peut améliorer les performances.

## Caractéristiques techniques

**Plage de fréquences (Mhz) :** PG4949 homologué CE : 433-434 MHz ; PG8949 homologué CE/EN : 868 MHz ; PG9949 homologué FCC/IC/UL/ULC : 912-919 MHz

**Protocole de communication :** PowerG

**Type de pile :** Pour les installations référencées UL/ULC, utilisez uniquement une pile CR-2032 au lithium de 3 V, Varta ou Energizer, de qualité grand public

**Durée de vie estimée de la pile :** 5 ans (non vérifiés par les organismes UL/ULC)

**Seuil de niveau faible de pile :** 2,05 V

**Remarque :** Si la transmission est toujours possible malgré l'usure de la pile, l'unité enverra un signal de niveau faible de pile à la centrale.

**Plage de température :** de -10 °C à +55 °C (UL/ULC a uniquement vérifié la plage est de 0 °C à 49 °C)

**Humidité :** Jusqu'à 93 % max., sans condensation

**Dimensions (L x l x P) :** 53 x 33 x 11 mm (2,1 x 1,3 x 0,43 pouces)

**Poids :** 15 g (0,5 oz)

**Poids (pile incluse) :** 20 g (0,7 oz)

**Remarque :** À utiliser uniquement dans des zones non dangereuses.

### Récepteurs compatibles

Bande de 433 MHz : HSM2HOST4; HS2LCDRF(P)4; HS2IC-NRF(P)4; PG4920

Bande de 868MHz : HSM2HOST8; HS2LCDRF(P)8; HS2IC-NRF(P)8; PG8920

Bande de 912-919 MHz : HSM2HOST9; HS2LCDRF(P)9; HS2ICNRF(P)9; PG9920

**Remarque :** Seuls les dispositifs fonctionnant dans la bande 912-919 MHz sont référencés UL/ULC.

## Remarques UL/ULC

Seul le modèle PG9949 fonctionnant dans la bande de fréquences 912-919 MHz est homologué UL/ULC. Le PG9949 est homologué UL les applications commerciales et résidentielles anti-intrusion et homologué ULC pour les applications résidentielles anti-intrusion conformément à la réglementation des normes UL1610/UL1023/ULC-ORD-C1023 et ANSI / SIA standard du panneau CP-01-2010 configuration - Caractéristiques de prévention des fausses alarmes.

Remarque: Pour les applications UL de cambriolage commercial:

- Après l'armement du système via la clé sans fil, l'utilisateur doit vérifier la confirmation de la clôture a été indiqué sur le clavier.
- Bouton de panique doit être désactivée.

Pour les installations UL/ULC, utilisez uniquement ces dispositifs en association avec des récepteurs sans fil DSC compatibles : HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 et PG9920. Après installation, vérifiez les fonctionnalités du produit en association avec le récepteur compatible utilisé.

**CE** Europe : Le PG4949 et le PG8949 respectent la réglementation RTTE : directive 1995/5/EC du Parlement Européen et du Conseil du 9 mars 1999. Le PG8949 est certifié par Applica Test and Certification pour les normes suivantes : EN50131-3, EN50131-1 GRADE 2, CLASSE II, EN50131-6 Type C. Applica Test and Certification a certifié uniquement la variante à 868 MHz de ce produit. Selon les normes EN 50131-1:2006 et A1:2009, cet équipement peut être intégré dans les systèmes installés jusqu'à et y compris la classe environnementale II, niveau de sécurité 2. Royaume-Uni : Le PG8949 convient pour l'utilisation dans les systèmes installés pour se conformer à la norme PD6662:2010 à la classe environnementale 2 et de niveau 2 BS8243. Les dispositifs périphériques Power G sont dotés d'une fonction de communication bidirectionnelle, offrant des avantages supplémentaires comme décrit dans la brochure technique. Cette fonction n'a pas été déclarée conforme aux besoins techniques respectifs et doit, par conséquent, être exclue de la certification du produit.

## PG9949/PG8949/PG4949

### Instrucciones de instalación de la llave inalámbrica PowerG de 2 botones



**¡ADVERTENCIA!** Peligro de atragantamiento; piezas pequeñas; el control tipo colgante y el clip para cinturón NO son para niños menores de 3 años.

No sumerja el teclado inalámbrico en ningún líquido pues dañará los circuitos electrónicos. Conserve este manual para referencia futura.

### Operación

El modelo PGx949 es una llave inalámbrica programable de 2 botones. Puede configurarse para transmitir hasta tres comandos separados al sistema de alarma. Dos de los comandos se transmiten al pulsar uno de los botones por separado, y el tercero al pulsar los botones simultáneamente. La confirmación de una transmisión correcta se indica mediante la luz LED.

### Ajustes predeterminados

**Armar (botón 1) - Pulse**  durante 1 segundo


**Desarmar (botón 3) - Pulse**  durante 1 segundo


**Pánico (botón 4) - Pulse** mantenga pulsados ambos botones durante más de 3 segundos.

### Configuración del dispositivo

#### Asociación

Para asociar rápidamente:

- En un teclado, presione [\*] [8] [Código del Instalador] [804] [000].
- Mantenga pulsado el botón  en el teclado inalámbrico hasta que el LED se ilumina constante y luego

- suelte el botón , mientras que el LED sigue encendido y un mensaje de confirmación aparece en el teclado.
- Pulse [\*] en el teclado para confirmar el ID del dispositivo.
- Ingresa [3 dígitos inalámbrica tecla #]
- Asigne la tecla de conexión inalámbrica a una partición introduciendo el [tres dígitos partición #].
- Para asignar la tecla de conexión inalámbrica a un usuario entrar en el [3 dígitos usuario #].

Para realizar una asociación previa:

- Configure de forma remota el número de ID único en el sistema. Si desea más información, consulte el manual del HSM2HOST.
- Cuando se encuentre en el lugar, pulse el botón [\*] en la llave a distancia.

### Botones de programación

Los botones son programables.

Para cambiar la programación del botón:

- Desde un teclado numérico ingrese [\*] [8] [Código del instalador] [804] [601] hasta [632].
- Configure el botón 1 (armado predeterminado) utilizando la tabla siguiente. Ingresa la opción de dos dígitos deseada.
- Configure el botón 3 (desarmado predeterminado) ingresando la opción de dos dígitos deseada.
- Configure el botón 4 (ambos botones pulsados simultáneamente) ingresando la opción de dos dígitos deseada.

00	Deshabilitado	16	Salida rápida
01	Desarmar	17	Armar zona interior
02	Armar para presencia, sin retardo	21	Salida de comunic. 1
03	Armar para presencia	22	Salida de comunic. 2
04	Armar para ausencia	23	Salida de comunic. 3
05	[*][9] Sin ingreso	24	Salida de comunic. 4

06	Timbre act./desact.	29	Recordar grupo de salto
07	Prueba del sistema	33	Recordar salto
09	Armar nocturno	51	Alarma auxiliar Alarm
12	Armar presencia global	52	Pánico
13	Armar ausencia global		
14	Desarmar global		

### Configuración

Para ingresar a la sección de configuración inalámbrica ingrese [804][601].

#### Commutadores de dispositivo

[011][01] **Supervisión - Predeterminado [S]**  
Habilita la supervisión.

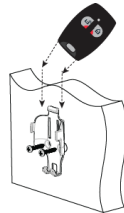
## Ensamblaje

### Fijación a un clip para cinturón

- Deslice el dispositivo en el soporte hasta que sienta que encaja adentro a presión y con seguridad.
- Para fijar el clip para cinturón, deslícelo en los rieles en la parte posterior del soporte.

### Montaje

- Alinee el soporte sobre una pared orientado con la cara hacia arriba como se ilustra.
- Utilice dos tornillos #4 de 5/8" y anclajes de pared apropiados para fijar el receptáculo del dispositivo a la pared
- Deslice el dispositivo en el soporte hasta que sienta que encaja adentro a presión y con seguridad.



## Mantenimiento

**¡Advertencia!** Las modificaciones a esta llave a distancia no expresamente aprobadas por la parte responsable de conformidad pueden anular la autoridad del usuario para operarla.

### Reemplazo de la batería

La batería requerida es CR2032, de litio, 3 V, fabricada por VARTA o Energizer, adquirida de un proveedor aprobado de DSC.

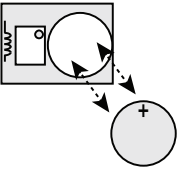
Cuando este llavero a distancia ya no se utilice, retire las baterías y deséchelas por separado. Lleve los dispositivos eléctricos a los puntos de acople locales para desecho de equipos eléctricos y electrónicos. Las baterías son dañinas para el ambiente. Ayúdenos a proteger el ambiente contra riesgos para la salud.

Reemplace la batería por lo menos una vez que cada 5 años, o cuando observe que el LED parpadea durante la transmisión. **NOTA:** Debe observar la polaridad de la batería. La manipulación incorrecta de las baterías de litio puede producir generación de calor, explosión o incendio, lo que podría causar daños personales.

**ADVERTENCIA:** Hay peligro de explosión si las baterías se instalan incorrectamente. Reemplace las baterías solamente por el mismo tipo o equivalente recomendado por el fabricante. Manténgalas alejadas de niños pequeños. Si las baterías son ingeridas, consulte inmediatamente a un doctor. No intente recargar estas baterías. El desecho de las baterías usadas debe realizarse de acuerdo con las reglamentaciones de recuperación y reciclaje de su área.

- Para reemplazar la batería, inserte una moneda en la ranura en la parte inferior de la unidad y gírela hasta abrirla. **Nota:** Asegúrese de que la almohadilla elástica dentro de la cubierta permanezca en su lugar. Colóquela en su lugar si se cae.
- Retire la batería vieja de su soporte y reemplácela por una batería nueva recomendada. Asegúrese de que el extremo

positivo (+) de la batería está hacia arriba para obtener la polaridad correcta.



- Pruebe el dispositivo presionando el botón. El indicador LED debe encendersse.
- Reinstale la cubierta de manera que quede bien sujeta y verifique que se cierra a presión.

### Limpieza

**Se prohíbe terminantemente el uso de abrasivos de cualquier clase y de solventes tales como queroseno, acetona o diluyente.**

Limpie la llave a distancia solo con un paño suave o una esponja humedecidos ligeramente con una mezcla de agua y detergente suave, y séquela de inmediato.

### Pruebas

- Siempre pruebe el sistema por lo menos una vez al año.
- Asegúrese de que el dispositivo esté asociado en el sistema.
  - Manténgase a 3 m (10 pies) de distancia del panel de control y pulse el botón. Verifique que el LED de transmisión se encienda y el panel de control responda según lo programado.
  - Opere el control tipo colgante desde varios lugares dentro del área cubierta por el receptor para determinar ubicaciones "muertas", en donde la transmisión está bloqueada por paredes y objetos grandes, o afectada por materiales estructurales.

**Nota:** Si las zonas muertas/marginales son un problema, la reubicación del receptor podría mejorar el desempeño.

## Especificaciones

**Banda de frecuencia (MHz):** PG4949 homologado por CE: 433-434 MHz; PG8949 homologado por CE/EN: 868 MHz; PG9949 homologado por FCC/IC/UL/ULC: 912-919 MHz

**Protocolo de comunicación:** PowerG

**Tipo de batería:** Para instalaciones homologadas por UL/ULC solo use baterías de litio Varta o Energizer, de 3 V CR-2032, de uso comercial

**Vida útil de la batería:** 5 años (no verificado por UL/ULC)

**Umbral de batería baja:** 2,1 V  
**Nota:** Si la transmisión todavía es posible a pesar de la condición de la batería, la unidad enviará una señal de batería baja al panel de control.

**Rango de temperatura:** -10 °C a +55 °C (UL/ULC solo verificó el rango entre 0 °C y 49 °C)

**Humedad:** hasta 93% como máximo de humedad relativa, sin condensación

**Dimensiones (Largo x Ancho x Fondo):** 53 x 33 x 11 mm (2,1 x 1,3 x 0,43 pulg.)

**Peso:** 15 g (0,5 oz)

**Peso (incluyendo batería):** 20 g (0,7 oz)

**Nota:** Para utilizarse solamente en ubicaciones no peligrosas.

### Receptores compatibles

Banda de 433 MHz : HSM2HOST4; HS2LCDRF(P)4;HS2IC-NRF(P)4; PG4920

Banda de 868 MHz : HSM2HOST8; HS2LCDRF(P)8; HS2IC-NRF(P)8;PG8920

Banda de 912-919 MHz : HSM2HOST9; HS2LCDRF(P)9; HS2ICNRF(P)9; PG9920

**Nota:** Solo los dispositivos que operan en la banda de 912-919 MHz están homologados por UL/ULC.

## Notas UL/ULC

Solo el modelo PG9949 que opera en la banda de frecuencia 912-919 MHz está homologado por UL/ULC. El modelo PG9949 ha sido homologado por UL para aplicaciones comerciales y residenciales contra robo y por ULC para aplicaciones residenciales contra robo de acuerdo con los requisitos indicados en las normas UL1610/UL1023/ULC-

ORD-C1023 y ANSI / SIA CP-01-2010 Control Panel Standard - Características para la reducción de falsas alarmas.

Nota: Para aplicaciones de robo comercial UL:

- Después de conectar el sistema a través de la llave inalámbrica, el usuario debe verificar la confirmación de cierre se ha indicado en el teclado.
- Botón de pánico debe estar desactivado.

Para instalaciones UL/ULC use estos dispositivos solamente con receptores inalámbricos DSC compatibles: HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 y PG9920. Después de la instalación, verifique la funcionalidad del producto junto con el receptor compatible utilizado.

**CE** Europa: Los modelos PG4949 y PG8949 cumplen con los requisitos de RTTE - Directiva 1999/5/EC del Parlamento Europeo y del Consejo del 9 de marzo de 1999. El modelo PG8949 está certificado por Applica Test and Certification según las siguientes normas: EN50131-3, EN50131-1 GRADO 2, CLASE II, EN50131-6 Tipo C. Applica Test and Certification ha certificado solamente la versión de 868 MHz de este producto. De acuerdo con las normas EN 50131-1:2006 y A1:2009, este equipo puede ser aplicado en sistemas instalados hasta e incluyendo el Grado 2 de Seguridad, Clase ambiental II. Reino Unido: El modelo PG8949 es adecuado para uso en sistemas instalados para cumplir con PD6662:2010 en el Grado 2 y Clase ambiental 2 BS8243. Los dispositivos periféricos Power G tienen funcionalidad de comunicación de dos vías, lo que proporciona ventajas adicionales como se describen en el folleto técnico. No se ha probado que estas funciones cumplan con los requisitos técnicos correspondientes y, por lo tanto, deberían considerarse fuera del alcance de la certificación del producto.

## PG9949/PG8949/PG4949

### Instrucciones de Instalación del teclado sem fio Power-G 2 botões


**AVISO!** Perigo de asfixia; Partes pequeñas; O controle portátil e o clipe para cinto NÃO são adequados para crianças menores de 3 anos. Não submergir a chave sem fio em nenhum líquido, porque isso danificará os circuitos eletrônicos. Guarde este manual para consulta no futuro.

## Funcionamento

O PGx949 é um teclado sem fio com 2 botões, programável. O PGx949 pode ser configurado para transmitir até três comandos separados para o sistema de alarme. Dois dos comandos são transmitidos pressionando-se um dos botões separadamente, e o terceiro é transmitido pressionando-os simultaneamente. A confirmación de una transmisión con sucesso é indicada pela luz LED.

### Definições Predefinidas


**Armar (botão 1)** - Pressionar  durante 1 segundo


**Desarmar (botão 3)** - Pressionar  durante 1 segundo  
**Pânico (botão 4)** - Pressione e mantenha pressionados ambos botões durante mais de 3 segundos.

## Configurar Dispositivo

### Registro

Para o registro rápido:

1. Em um teclado, pressione [\*] [8] [Código do Instalador] [804] [000].
2. Pressione e segure o botão  na chave sem fio até que o LED acenda constante e, em seguida, solte o

- botão  enquanto o LED ainda está acesa e uma mensagem de confirmação é exibida no teclado.
3. Pressione [\*] no teclado para confirmar a identificação do dispositivo.
4. Digite [3 dígitos sem fio chave #]
5. Atribua a chave sem fio a uma partição, digitando o [três dígitos partição #].

6. Para atribuir a chave sem fio a um usuário entrar no [3 dígitos usuário #].  
Para pré-registrar:
  1. Configure remotamente o número de ID exclusivo no sistema. Para mais informação, consulte o manual do HSM2HOST.
  2. Quando no local, pressione o botão [\*] no teclado sem fio.

### Botões de programação

Os botões são programáveis.

Para alterar o botão de programação:

1. No teclado numérico, insira [\*] [8] [Código Instalador] [804] [601] até [632].
2. Configure o botão 1 (armar predefinido) usando a tabela abaixo. Insira a opção de dois dígitos desejada.
3. Configure o botão 3 (desarmar predefinido) inserindo a opção de dois dígitos desejada.
4. Configure o botão 4 (ambos os botões pressionados simultaneamente) inserindo a opção de dois dígitos desejada.

00	Desativado	16	Saída Rápida
01	Desarmar	17	Armar Interior
02	Armar Presente Instantâneo	21	Com. Saída 1
03	Armar Presente	22	Com. Saída 2
04	Armar Ausente	23	Com. Saída 3
05	[*][9] Nenhuma Entrada	24	Com. Saída 4
06	Campinha On/Off	29	Desvio Reclamada Grupo
07	Teste Sistema	33	Desvio Reclamada
09	Armar Noturno	51	Aux. Alarme
12	Armar Presente Global	52	Pânico
13	Armar Presente Global		
14	Desarmar Global		

### Configuração

Para entrar na seção de configuração sem fio, insira [804][601].

#### Comutações do Dispositivo

[001][01] **Supervisão - Predefinido [S]**  
Ativa a supervisão.

## Montagem

### Fixar a um Clipe para Cinto

1. Deslize o dispositivo para o suporte até sentir que se encaixa firmemente no interior.
2. Para fixar o clipe para cinto, deslize-o nas guias na traseira do suporte.

### Montagem

1. Alinhe o suporte em uma parede voltado para a frente, como mostrado.
2. Usando dois parafusos #4 5/8" e as âncoras de parede apropriadas, fixe o suporte à parede
3. Deslize o dispositivo para o suporte até sentir que se encaixa firmemente no interior.

## Manutenção

**AVISO!** Quaisquer modificações neste teclado sem fio não expressamente aprovadas pela parte responsável pela conformidade podem anular a autorização do usuário para operar o equipamento.

### Substituir a bateria

A bateria necessária é a CR2032 Lítio 3V, fabricada pela VARTA ou Energizer, comprada em um fornecedor DSC aprovado.

Sempre que o comando está fora de uso, retire as baterias e elimine-as separadamente. Coloque os aparelhos elétricos nos pontos de coleta local para equipamento elétrico e eletrônico

usado. As baterias são prejudiciais para o ambiente, ajude a proteger o ambiente e riscos de saúde. Substitua a bateria pelo menos a cada 5 anos, ou depois de verificar que os LED estão piscando quando estão transmitindo.  
**NOTA:** A polaridade da bateria deve ser respeitada. O manuseio inadequado das baterias de lítio pode resultar em geração de calor, explosão ou incêndio, que pode dar origem a lesões pessoais.  
**AVISO:** Perigo de explosão se as baterias forem instaladas incorretamente. Substituir apenas por baterias de tipo equivalente recomendado pelo fabricante. Mantenha afastado das crianças. Se as baterias forem ingeridas, consulte um médico imediatamente. Não tente recarregar estas baterias. A eliminação das baterias usadas tem de ser feita conforme as regulamentações de recuperação e reciclagem de resíduos em sua região.

1. Para substituir a bateria, insira uma moeda na ranhura na base da unidade e rode-a para abrir.  
**Nota:** Certifique-se de que a almofada elástica na tampa se mantém na posição. Se cair, cole-a de novo na mesma posição.
2. Retire a bateria antiga e substitua-a com a nova bateria recomendada. Certifique-se de que o lado positivo da bateria está voltado para cima, respeitando a polaridade correta.
3. Teste o dispositivo pressionando o botão.  
O indicador LED deve ficar aceso.
4. Volte a colocar fixamente a tampa, verificando se fecha.

### Limpeza

**o uso de abrasivos de qualquer tipo e de solventes como querosene, acetona ou diluente é estritamente proibido.** Limpe o teclado sem fio apenas com um pano macio ou esponja umedecida levemente com uma mistura de água e detergente suave, e seque imediatamente.

### Testando

- Teste sempre o sistema pelo menos uma vez por ano.
1. Certifique que o dispositivo está registrado no sistema.
  2. Permaneça a 3m (10 pés) de distância do painel de controle e pressione o botão. Verifique se os indicadores LED de transmissão e o painel de controle respondem como programado.
  3. Opere o controle portátil a partir de várias localizações dentro da área coberta pelo receptor para determinar localizações "inativas", onde a transmissão está bloqueada por paredes e objetos grandes, ou afetada por materiais estruturais.

**Nota:** Se zonas inativas/marginais forem um problema, volte a mudar o receptor para melhorar o desempenho.

## Especificações

**Faixa de Frequência (MHz):** PG4949 com classificação CE: 433-434 MHz; PG8949 com classificação CE/EN: 868 MHz; PG9949 com classificação FCC/IC/ULC: 912-919MHz

**Protocolo de Comunicação:** PowerG  
**Tipo de bateria:** Para instalação classificada como UL/ULC, use apenas bateria de Lítio Varta ou Energizer 3V CR-2032, tipo consumidor

**Duração da bateria:** 5 anos (não verificado por UL/ULC)  
**Limite bateria fraca:** 2,05V  
**Nota:** Se a transmissão continuar a ser possível apesar da condição da bateria, a unidade enviará um sinal de bateria fraca ao painel de controle.

**Limite de temperatura:** -10°C a +55°C (UL/ULC apenas verificado o limite de 0°C - 49°C)

**Umidade:** até 93%RH no máx., sem condensação  
**Dimensões (CxLxP):** 53 x 33 x 11mm (2,1 x 1,3 x 0,43pol.)  
**Peso:** 15g (0,5oz)

**Peso (com bateria):** 20g (0,7oz)  
**Nota:** Para ser usado apenas em locais não perigosos.

## Receptores Compatíveis

Faixa 433MHz: HSM2HOST4; HS2LCDRF(P)4; HS2ICNRF(P)4; PG4920  
Faixa 868MHz: HSM2HOST8; HS2LCDRF(P)8; HS2ICNRF(P)8; PG8920  
Faixa 912-919MHz: HSM2HOST9; HS2LCDRF(P)9; HS2ICNRF(P)9; PG9920

**Nota:** Apenas os dispositivos operando na faixa 912-919MHz são classificados como UL/ULC.

## Notas UL/ULC

Apenas o modelo PG9949 que opera na faixa de frequência 912-919MHz possui classificação UL/ULC. O PG9949 foi classificado pela UL L para aplicações residenciais e comerciais de roubo e pela ULC para aplicações residenciais de roubo, conforme os requisitos das Normas UL1610/UL1023/ULC-ORD-C1023 e ANSI / SIA CP-01-2010 Painel de controle padrão - Recursos para diminuição dos falsos alarmes.  
**Nota:** Para aplicações UL roubo comercial: Depois de armar o sistema através da chave sem fio, o usuário deve verificar a confirmação do fechamento foi indicado no teclado.

Botão de pânico deve ser desativado.  
Para instalações UL/ULC, use estes dispositivos apenas em conjunto com receptores sem fio compatíveis com DSC: HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 e PG9920. Depois da instalação, verifique a funcionalidade do produto em conjunto com o receptor compatível usado.

**CE** Europa: PG4949 e PG8949 estão conforme os requisitos RTTE - Directiva 1995/5/EC do Parlamento Europeu e do Conselho de 9 de março 1999. O PG8949 é certificado pela Applica Test and Certification para as seguintes normas: EN50131-3, EN50131-1 GRAU 2, CLASSE II, EN50131-6 Tipo C. A Applica Test and Certification certificou apenas a variante 868MHz deste produto. Conforme a EN 50131-1:2006 e A1:2009, este equipamento pode ser aplicado em sistemas instalados até e incluindo o Grau 2 de Segurança, Classe II Ambiental. RU: O PG8949 é apropriado para uso em sistemas instalados em conformidade com PD6662:2010 no Grau 2 e classe ambiental 2 BS8243. O periférico Power G tem uma funcionalidade de comunicação em 2 vias, providenciando benefícios adicionais descritos na brochura técnica. Esta funcionalidade não foi testada para estar conforme os respectivos requisitos técnicos e deve, portanto, ser considerada fora do âmbito da certificação do produto.



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