



D-304681

A Tyco International Company

PG9901/PG8901/PG4901

Supervised Wireless PowerG Indoor Siren Installation Instructions

Overview

The PGx901 is a fully supervised, 2 way wireless PowerG indoor siren. Designed for installation in areas where wiring is difficult or impossible.

Features

- Built-in link quality indicators reduce installation time by eliminating the need for the installer to physically approach the control panel.
- Multiple sound types: Burglar (between 1400Hz - 3200Hz), fire, gas/CO and flood.
- Entry/Exit beep can be enabled via the control panel to sound once the user has armed the system and once the user has entered the protected area.
- Squawk (beep) sounds can be configured via the control panel to indicate alarm system arming (1 squawk) and disarming (2 squawks) by a wireless key.
- Double Tamper protection sends a tamper alarm to the system if the siren front panel is removed or if the siren is removed from the wall.

Notes: Sounder is activated for a predefined duration according to local requirements, or until the system is disarmed. The strobe light operates as described in the HSM2HOST installation manual.

Operation

- Siren and strobe light activate when an identified event message is received from the alarm system.
- When the battery voltage is low, a low battery message is sent to the alarm system. After message delivery, at least 2 siren alarms are possible before the siren is totally inactive.

Device Setup

Caution! To be installed by service persons in non-hazardous locations only. Risk of explosion if battery is replaced by an incorrect type. Observe polarity when installing batteries. Dispose of used batteries according to the manufacturer's instructions and according to local rules and regulations.

WARNING: Batteries are to be replaced by service persons only. **Note:** To ensure the continued operation of all wireless devices after programming a system default, a global upload of all wireless programming via DLS is recommended before defaulting the system. After completing the system default, download the wireless programming.

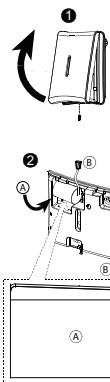
Legend

- A. Battery
- B. Battery cable
- C. Battery connector
- D. Enroll button
- E. Self test button
- F. For back tamper screw

Installing Battery

1. Loosen cover screw and remove cover.
2. Insert battery pack and securely insert the battery cable (B) into the battery connector (C).

Note: When manually programming wireless devices, if a device has been powered up for more than 48 hours it cannot be enrolled into the system until the device has been tampered and restored. When programming the panel using the Quick Enroll procedure follow the steps detailed in "Enroll the Device" below



Note: After restoring a low battery trouble the system may take up to 5 minutes to clear the trouble.

Enroll the Device

To quick enroll:

1. On a keypad press [*] [8] [Installer Code] [804] [000].
2. Press and hold the device enroll button until the LED lights steady and then release the enroll button while the LED is still lit. A confirmation message then appears on the keypad.
3. Press [*] key to confirm ID.
4. Enter [3 digit siren #].
5. Enter [1 digit partition #] for all desired partitions and press [#]. If using an LCD keypad you can scroll to the desired partitions and press [*] to toggle the partition.
6. On an LCD keypad enter the label by using word library.

To pre-enroll:

1. Remotely configure the unique ID number into the system. For more information see the HSM2HOST manual.
 2. When on-site, press the device enroll button.
- Note:** If the wireless device has been powered for more than 48 hours without being enrolled, tamper and restore the device to enroll it.

Local Diagnostics and Placement Test

Before permanently mounting any wireless device it is recommended to mount the device temporarily and perform a Local Diagnostics test.

1. Before testing, remove the plastic cover.
2. Press the self-test button once and release it; The red LED will switch ON and then OFF, the green LED will switch ON and then OFF, the strobe light will switch ON and then OFF and the piezo siren will sound to indicating that the siren is fully operational.
3. After 2 seconds the LED blinks 3 times indicating the signal strength.

The following table indicates the received signal strength.

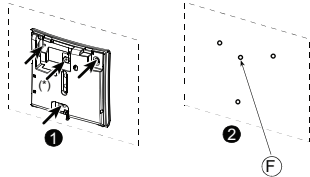
LED response	Reception
Green LED blinks	STRONG
Orange LED blinks	GOOD
Red LED blinks	POOR
No blinks	No communication

IMPORTANT! Only GOOD or STRONG signal strengths are acceptable. If you receive a POOR signal from the device, re-locate it and re-test until a GOOD or STRONG signal is received.

Note: For UL/ULC installations, only STRONG signal levels are acceptable. After installation verify the product functionality in conjunction with the compatible receivers HSM2HOST9, HS2LC-DRF(P)9, HS2LCNRF(P)9 and PG9920.

Note: For detailed Placement instructions refer to the control panel Reference Guide.

Mounting the Device



1. Mark for drilling.
2. Drill 4 holes.
3. Fasten with 4 supplied screws.

Configuration

To enter the wireless configuration section enter [804][551-566].

- [000] **Partition Assignment**
Press the digits of desired assigned partitions.
- [001] **Device Toggles**

The following are 8-bit toggles

- 01- Fire - Default [Y]
- 02- CO - Default [Y]
- 03- Burg - Default [Y]
- 04- Flood - Default [Y]
- 06- Auto Tmp Alarm - Default [N]

Strobe Alarm - Default [01]

- 01 - Disabled
- 02 - Timer Limited
- 03 - Until Disarmed

Exit Entry Beeps - Default [01]

- 01 - Disabled
- 02 - Enabled
- 03 - Disabled Stay

Squawk - Default [02]

- 01 - Disabled
- 02 - Sounder Only
- 03 - Strobe Only
- 04 - Sounder and Strobe

[001][06] Sounder Volume - Default [02]

- 01 - Low
- 02 - Medium
- 03 - High

Specifications

Alarm Sound Level: 85 dB at 3 m (10 feet)

Frequency Band (MHz): CE Listed PG4901: 433MHz; CE/EN listed PG8901: 868MHz; FCC/IC/UL/ULC listed PG9901: 915MHz

Modulation: GFSK

Antenna: Built-in antenna

Communication Protocol: PowerG

Siren Type: One Piezo 109 db min. Sound Pressure Level @ 1m, 1400Hz – 3200 Hz, sweep frequency 7 Hz.

Battery Type: 3.6V/14.5AH Lithium battery (EVE ER34615M/w200) (not verified by UL/ULC)

Note: Use only the above battery.

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

Battery Life Expectancy: 8 years (not verified by UL/ULC)

Low Battery Threshold: 2 V +300 mV negative slope OR 1.2 V

Strobe Light: Pulsed @ 1 sec.

Temperature range: -10°C to +55°C (UL/ULC only verified the range 0°-49°C)

Relative Humidity: up to max. 93%RH, non-condensing (UL/ULC only verified up to max 85%RH)

Dimensions (LxWxD): 161x161x50mm (6-7/16 x 6-7/16 x 1-3/4 in)

Weight (including battery): 470g (16.5 oz.)

Color: White (with transparent lens)

Compatible Receivers

433MHz Band: HSM2HOST4; HS2LCDRF(P)4; HS2LCNRF(P)4; PG4920

868MHz Band: HSM2HOST8; HS2LCDRF(P)8; HS2LC-

NRF(P)8; PG8920

912-919MHz Band: HSM2HOST9; HS2LCDRF(P)9; HS2LC-

NRF(P)9; PG9920

Note: Only devices operating at 912-919MHz are UL/ULC listed.

Note: Only model PG9901 operating in the frequency band 912-919MHz is UL/ULC listed.

UL/ULC Notes

The PG9901 has been listed by UL/ULC for Residential Burglary / Fire applications in accordance to UL 1023/ C1023 Household burglar Alarms system units and UL 985/ULC-SS45 Household fire.

CE Europe: The PG4901 and PG8901 are compliant with the RTTE requirements - Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999. The PG8901 is certified by DNV (DET NORSKE VERITAS) to the following standards: EN50131-4, EN50131-1 GRADE 2, CLASS II, EN50131-6 Type C. DNV (DET NORSKE VERITAS) has certified only the 868 MHz variant of this product. According to EN 50131-1:2006 and A1:2009, this equipment can be installed in installed systems up to and including Security Grade 2, Environmental Class II. UK: The PG8901 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 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.

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.

WARNING! To comply with FCC and IC RF exposure compliance requirements, the smoke detector 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. 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.

IC: 160A - PG9901

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation ne doit produire de mauvaises conditions suivantes : (1) l'appareil ne doit pas autoriser 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.

PG9901/PG8901/PG4901

Instructions d'installation de la sirène d'intérieur sans fil surveillée de la gamme PowerG

Vue d'ensemble

Le PGx901 est une sirène d'intérieur entièrement surveillée, bidirectionnelle, sans fil, de la gamme PowerG. Destiné à une installation dans les zones où le câblage est difficile, voire impossible.

Caractéristiques

- Les indicateurs de qualité de liaison intégrés réduisent les temps d'installation en supprimant la nécessité de l'installateur d'être physiquement à proximité de la centrale.
- Différents types de son : Intrusion (entre 1400 Hz et 3200 Hz), incendie, gaz/CO et inondation.
- Le bip sonore d'entrée/sortie peut être activé par l'intermédiaire de la centrale pour sonner une fois que l'utilisateur a armé le système et une fois qu'il est entré dans la zone protégée.
- Les tonalités (bips sonores) peuvent être configurées par l'intermédiaire de la centrale pour indiquer l'armement (1 tonalité) et le désarmement (2 tonalités) du système d'alarme à l'aide d'une télécommande.
- La double protection anti-sabotage transmet une alarme de sabotage au système si le panneau avant de la sirène est retiré ou si la sirène est détachée du mur.

Remarques : L'avertisseur est activé pour une durée prédéfinie selon les exigences locales ou jusqu'à ce que le système soit désarmé. La lampe stroboscopique fonctionne comme décrit dans le manuel d'installation HSM2HOST.

Fonctionnement

- La sirène et la lampe stroboscopique se déclenchent quand un message d'événement identifié est reçu depuis le système d'alarme.
- Quand la tension de batterie est faible, un message de niveau batterie de pile est transmis au système d'alarme. Après la transmission du message, au moins 2 alarmes de la sirène sont possibles avant que la sirène ne devienne complètement inactives.

Réglage du dispositif

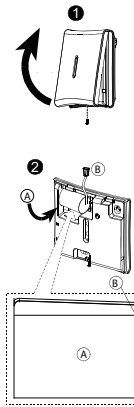
Attention ! A faire installer par un agent de service dans des zones non dangereuses uniquement. Risque d'explosion si la pile n'est pas du type correct. Respecter les polarités lors de l'installation des piles. Éliminer les piles usagées selon les recommandations du fabricant, les lois et réglementations locales.

AVERTISSEMENT! Les piles doivent être remplacées uniquement par un agent de service.

Remarque : Pour garantir le fonctionnement continu de tous les dispositifs sans fil après avoir réalisé une réinitialisation aux valeurs par défaut, un téléchargement général de toute la programmation sans fil par DLS est recommandé avant de réinitialiser le système. Après avoir complété la réinitialisation aux valeurs par défaut du système, téléchargez la programmation sans fil.

Légende

- A. Batterie
- B. Câble de pile
- C. Connecteur de la batterie
- D. Bouton d'attribution
- E. Bouton d'autodiagnostic
- F. Vis du contact arrière anti-sabotage



Installation de la batterie

1. Desserrer la vis du couvercle et retirez le couvercle.
2. Insérer le bloc-piles et insérez soigneusement le câble de pile (B) dans le connecteur de pile (C).

Remarque : Quand vous programmez manuellement les dispositifs sans fil, si un dispositif a été alimenté pendant plus de 48 heures, il ne peut pas être attribué dans le système tant que le dispositif n'a pas été saboté et rétabli.

Remarque: Après la restauration d'un défaut de batterie faible, le système peut prendre jusqu'à 5 minutes pour que la peine.

Attribuez le dispositif dans le système

Pour une attribution rapide :

1. Sur le pavé numérique, appuyez sur [*] [8] [Code de l'installateur] [804] [000].
2. Appuyez de façon prolongée sur le bouton d'attribution du dispositif tant que le voyant lumineux reste allumé, puis relâchez le bouton d'attribution alors que le voyant lumineux est encore allumé. Un message de confirmation apparaît alors sur le pavé numérique.
3. Appuyez sur la touche [*] pour confirmer le ID.
4. Entrez le [3 sirène chiffres #].
5. Entrez le [n° de partition à 1 chiffre] pour toutes les partitions souhaitées et appuyez sur [#]. Si vous utilisez un pavé numérique à cristaux liquides LCD, vous pouvez faire défiler les partitions souhaitées et appuyer sur [*] pour basculer la partition.
6. Sur un pavé numérique LCD, entrez la référence en utilisant la bibliothèque de mot.

Pour une attribution préalable :

1. Configurez à distance le numéro ID unique dans le système. Pour plus d'informations, consultez le manuel HSM2HOST.
 2. Sur site, appuyez sur le bouton d'attribution du dispositif.
- Remarque :** Si le dispositif sans fil a été alimenté pendant plus de 48 heures sans être attribué, sabotez et rétablissez le dispositif pour l'attribuer.

Diagnostics locaux et test de positionnement

Avant de fixer de façon permanente un dispositif sans fil quelconque, il est conseillé de le monter temporairement et d'effectuer un test de diagnostic local.

1. Avant de tester, retirez le cache en plastique.
2. Appuyez une fois sur le bouton d'autodiagnostic et relâchez. Le voyant lumineux rouge s'allume puis s'éteint, le voyant lumineux vert s'allume puis s'éteint, la lampe stroboscopique s'allume puis s'éteint et la sirène piézoélectrique retentit pour signaler qu'elle est entièrement opérationnelle.
3. Au bout de 2 secondes, le voyant clignote 3 fois pour indiquer la force du signal.

Le tableau suivant décrit la force de signal reçu.

Réponse du voyant	Réception
Le voyant vert clignote	FORT

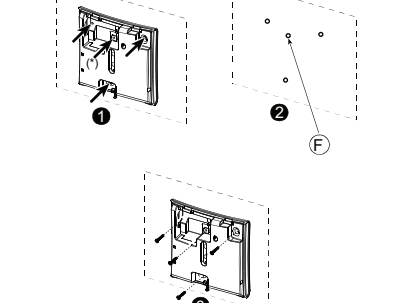
Réponse du voyant	Réception
Le voyant orange clignote	BON
Le voyant rouge clignote	FAIBLE
Aucun clignotement	Aucune communication

IMPORTANT ! Seules les forces de signal FORT ou BON sont acceptables. Si vous recevez un signal FAIBLE du dispositif, déplacez-le et testez-le à nouveau jusqu'à ce qu'un signal BON ou FORT soit reçu.

Remarque : Pour les installations UL/ULC, seul un signal FORT est acceptable. Après installation, vérifiez les fonctionnalités de l'appareil en association avec les récepteurs compatibles HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 et PG9920.

Remarque : Pour des instructions détaillées sur le positionnement, consultez le guide de référence de la centrale.

Installation de l'appareil



- Marquee pour le perçage.
- Percez 4 trous.
- Serrez avec les 4 vis fournies.

Configuration

Pour accéder à la section de configuration sans fil, entrez la commande [804][551-566].

[000] **Affectation de la partition**

Appuyez sur les chiffres des partitions affectées désirées.

[001] **Commutateurs du dispositif**

Les éléments ci-dessous correspondent aux bascules

- 8 bits
- 01 - Détection incendie : Valeur par défaut [O]
- 02 - Détection CO : Valeur par défaut [O]
- 03 - Détection intrusion : Valeur par défaut [O]
- 04 - Détection d'inondation : Valeur par défaut [O]
- 06 - Alarme anti-sabotage automatique : Valeur par défaut [N]

[002] **Alarme stroboscopique : Valeur par défaut [01]**

- 01 - Désactivée
- 02 - Temporisée
- 03 - Jusqu'à désarmement

[003] **Bips sonores d'entrée ou sortie : Valeur par défaut [01]**

- 01 - Désactivée
- 02 - Activés
- 03 - Désactivés en mode à domicile

[004] **Tonalité : Valeur par défaut [02]**

- 01 - Désactivée
- 02 - Avertisseur uniquement
- 03 - Lampe stroboscopique uniquement
- 04 - Avertisseur et lampe stroboscopique

[001] **Volume de l'avertisseur : Valeur par défaut [02]**

- 01 - Faible
- 02 - Moyen
- 03 - Fort

Caractéristiques techniques

Niveau sonore d'alarme : 85 dB à 3 m (10 pieds)

Plage de fréquences (Mhz) : PG4901 homologué CE : 433 MHz ; PG8901 homologué CE/EN : 868 MHz ; PG9901 homologué FCC/IC/UL/ULC : 915 MHz

Modulation : GFSK

Antenne : Antenne intégrée

Protocole de communication : PowerG

Type de sirène : Niveau de pression acoustique capteur piézoélectrique 109 dB min. à 1 m, de 1400 Hz à 3200 Hz, fréquence de balayage 7 Hz.

Type de pile : Pile au lithium 3,6 V/14,5 A/H (EVE ER34615M/w200) (non vérifié par l'UL/ULC)

Remarque : Utilisez uniquement la pile indiquée ci-dessus.

Remarque : La lampe stroboscopique clignote 5 fois et le voyant lumineux rouge reste allumé pendant la première installation de la pile.

Durée de vie estimée de la pile : 8 ans (non vérifiés par les organismes UL/ULC)

Seuil de niveau faible de pile : 2 V +300 mV à pente négative OU 1,2 V

Lampe stroboscopique : À impulsions de 1 s.

Plage de Température : de -10 °C à +55 °C (l'organisme UL/ULC a vérifié uniquement la plage de 0 °C à 49°C)

Taux d'humidité relative : jusqu'à 93 % max., sans condensation (l'organisme UL/ULC a vérifié uniquement jusqu'à 85 % max.)

Dimensions (L x l x P) : 161 x 161 x 50 mm (6-7/16 x 6-7/16 x 1-3/4 pouces)

Poids (pile incluse) : 470 g (16,5 oz.)

Couleur : Blanc (objectif transparent)

Récepteurs compatibles

Bande de 433 MHz : HSM2HOST4; HS2LCDRF(P)4; HS2ICNRF(P)4; PG4920

Bande de 868MHz : HSM2HOST8; HS2LCDRF(P)8; HS2ICNRF(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.

Remarque : Seul le modèle PG9901 fonctionnant dans la bande de fréquences 912-919 MHz est homologué UL/ULC.

Remarques UL/ULC

La PG9901 a été classé par UL / ULC pour les applications cambriolage résidentiel / feu conformément à la norme UL 1023 / C1023 cambrioleur ménages Alarms Les unités du système et de feu UL 985/ULC-S545 ménages.

CE Europe : Le PG4901 et le PG8901 sont compatibles avec la réglementation RTTE : directive 1995/5/EC du Parlement Européen et du Conseil du 9 mars 1999. Le PG8901 est certifié par DNV (DET NOROSKE

VERITAS) pour les normes suivantes : EN50131-4, EN50131-1 GRADE 2, CLASSE II, EN50131-6 Type C. DNV (DET NOROSKE VERITAS) 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 PG8901 convient pour l'utilisation dans les systèmes installés pour se conformer à la norme PD6662:2010 à la classe environnementale 2 et de niveau de sécurité 2. Les dispositifs périphériques Power G BS8243 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.

PG9901/PG8901/PG4901

Instrucciones de instalación de sirena interior PowerG inalámbrica supervisada

Descripción general

El modelo PGx901 es una sirena interior PowerG inalámbrica y totalmente supervisada de 2 vías. Diseñado para instalación en áreas donde el cableado es difícil o imposible.

Características

- Los indicadores de calidad de enlace incorporados reducen el tiempo de instalación al eliminar la necesidad del instalador de acercarse físicamente al panel de control.
- Tipos múltiples de sonido: Robo (entre 1400 Hz a 3200 Hz), incendio, gas/CO e inundación.
- El pitido de ingreso/salida puede habilitarse mediante el panel de control para sonar una vez que el usuario ha armado el sistema y cuando el usuario ha ingresado el área protegida.

- Los sonidos de graznido (pitido) se pueden configurar a través del panel de control para indicar que el sistema de alarma se está armando (1 graznido) o desarmando (2 graznidos) mediante llavero a distancia.
- La doble protección contra manipulación envía una alarma por manipulación al sistema si se retira el panel delantero de la sirena o si la sirena se retira de la pared.

Notas: El dispositivo sonoro se activa por una duración predefinida según los requisitos locales, o hasta que el sistema se desarma. La luz estroboscópica funciona según lo descrito en el manual de instalación del HSM2HOST.

Operación

- La sirena y la luz estroboscópica se activan cuando se recibe un mensaje de evento identificado del sistema de alarma.
- Cuando el voltaje de la batería es bajo, un mensaje de batería baja se envía al sistema de alarma. Después de la entrega del mensaje, son posibles al menos 2 alarmas de sirena antes de que la sirena esté totalmente inactiva.

Configuración del dispositivo

¡Precaución! Para ser instalado por personal de servicio técnico solo en ubicaciones no peligrosas. Riesgo de explosión si la batería es reemplazada por otra del tipo incorrecto. Observe la polaridad al instalar las baterías. Deseche las baterías usadas según las instrucciones del fabricante y de acuerdo con los reglamentos y leyes locales.

ADVERTENCIA: Las baterías deben ser reemplazadas solamente por personal de servicio técnico.

Nota: Para asegurar la operación continuada de todos los dispositivos inalámbricos después de realizar un puesta del sistema a sus valores predeterminados, se recomienda realizar una carga global de toda la programación inalámbrica vía DLS antes de poner el sistema en sus valores predeterminados. Después de terminar la puesta del sistema a sus valores predeterminados, descargue la programación inalámbrica.

Leyenda

- A. Batería
- B. Cable de la batería
- C. Conector de batería
- D. Botón de asociar
- E. Botón de autoprueba
- F. Para el tornillo de manipulación trasera

Instalación de la batería

- Afloje el tornillo de la cubierta y retire la cubierta.
- Inserte el paquete de la batería e inserte firmemente el cable de la batería (B) en el conector de batería (C).

Nota: Al programar manualmente los dispositivos inalámbricos, si un dispositivo ha estado alimentado por más de 48 horas, no podrá asociarse en el sistema hasta que haya sido manipulado y restaurado.

Nota: Después de restaurar un problema de batería baja, el sistema puede tardar hasta 5 minutos para eliminar el problema.

Asocie el dispositivo al sistema

Para asociar rápidamente:

- En el teclado numérico, pulse [*] [8] [Código del instalador] [804] [000].
- Pulse y mantenga pulsado el botón para asociar el dispositivo hasta que el LED se encienda de forma continua y luego suelte el botón mientras el LED aún está encendido. Aparecerá un mensaje de confirmación en el teclado numérico.
- Pulse la tecla [*] para confirmar el número de ID.
- Ingrese el [siren 3 dígitos #].
- Ingrese [el número de partición de 1 dígito] para todas las particiones deseadas y pulse [#]. Si usa un teclado numérico LCD, puede desplazarse a las particiones deseadas y pulsar [*] para alternar entre particiones.

- En un teclado numérico LCD, ingrese la etiqueta usando la biblioteca de palabras.

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 esté en el lugar, pulse el botón para asociar el dispositivo.

Nota: Si el dispositivo inalámbrico ha estado alimentado por más de 48 horas sin ser asociado, manipule el dispositivo y restáurelo para asociarlo.

Diagnóstico local y Prueba de colocación

Antes de montar permanentemente cualquier dispositivo inalámbrico, se recomienda montar el dispositivo temporalmente y realizar una prueba de Diagnóstico local.

- Antes de la prueba, retire la cubierta plástica.
- Presione el botón de autoprueba una vez y suéltelo; el LED rojo se encenderá y se apagará, el LED verde se encenderá y se apagará, la luz estroboscópica se encenderá y se apagará y la sirena piezoeléctrica sonará para indicar que está completamente operacional.
- Después de 2 segundos el LED parpadea 3 veces indicando la potencia de la señal.

La tabla siguiente indica la potencia de la señal recibida.

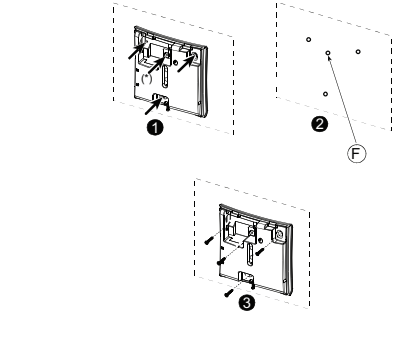
Respuesta del LED	Recepción
El LED verde parpadea	FUERTE
El LED naranja parpadea	BUENA
El LED rojo parpadea	BAJA
No parpadea	Ninguna comunicación

¡IMPORTANTE! Solamente las potencias de señal BUENA o FUERTE son aceptables. Si usted recibe una señal BAJA del dispositivo, reubíquelo y vuelva a probarlo hasta que reciba una señal BUENA o FUERTE.

Nota: Para instalaciones UL/ULC, solamente los niveles de señal FUERTE son aceptables. Después de la instalación, verifique la funcionalidad del producto junto con los receptores compatibles HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 y PG9920.

Nota: Puede encontrar instrucciones detalladas sobre la colocación en la Guía de referencia del panel de control.

Montaje del dispositivo



- Marque para perforación.
- Taladre 4 agujeros.
- Sujete con los 4 tornillos suministrados.

Configuración

Para ingresar a la sección de configuración inalámbrica ingrese [804] [551-566].

[000] **Asignación de la partición**
Pulse los dígitos de las particiones asignadas deseadas.

[001] **Commutadores de dispositivo**

Los siguientes son conmutadores de 8 bits

- 01 - Incendio - Predeterminado [S]
- 02 - CO - Predeterminado [S]
- 03 - Robo - Predeterminado [S]
- 04 - Inundación - Predeterminado [S]
- 06 - Alarma autom. contra manipul. - Predeterminado [N]

[002] **Alarma estroboscópica - Predeterminado [01]**

- 01 - Deshabilitado
- 02 - Temporizador limitado
- 03 - Hasta desarmado

[003] **Pitidos de salida e ingreso - Predeterminado [01]**

- 01 - Deshabilitado
- 02 - Habilitado
- 03 - Presencia deshabilitada

[004] **Graznido - Predeterminado [02]**

- 01 - Deshabilitado
- 02 - Solo dispositivo sonoro
- 03 - Solo luz estroboscópica
- 04 - Dispositivo sonoro y luz estroboscópica

[001][06] **Volumen de dispositivo sonoro - Predeterminado [02]**

- 01 - Bajo
- 02 - Medio
- 03 - Alto

Especificaciones

Nivel de sonido de la alarma: 85 dB a 3 m (10 pies)

Banda de frecuencia (MHz): PG4901 homologado por CE: 433 MHz; PG8901 homologado por CE/EN: 868 MHz; PG9901 homologado por FCC/IC/UL/ULC: 915 MHz

Modulación: GFSK

Antena: Antena integrada

Protocolo de comunicación: PowerG

Tipo de sirena: Piezo de 109 db min. Nivel de presión sonora a 1m, 1400 Hz - 3200 Hz, frecuencia de barrido 7 Hz.

Tipo de batería: Batería de litio 3,6 V/14,5 A/H (EVE ER34615M/w200) (no verificado por UL/ULC)

Nota: Utilice solamente la batería mencionada anteriormente.

Nota: La luz estroboscópica destella 5 veces y el LED rojo se enciende continuamente durante la primera instalación de la batería.

Vida útil de la batería: 8 años (no verificado por UL/ULC)

Umbral de batería baja: 2 V +300 mV de pendiente negativa O 1,2 V

Luz estroboscópica: Pulsado a 1 seg.

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

Humedad relativa: hasta 93% como máximo de humedad relativa, sin condensación (UL/ULC solo verificado hasta 85% como máximo de humedad relativa)

Dimensiones (Largo x Ancho x Fondo): 161x161x50 mm (6-7/16 x 6-7/16 x 1-3/4 pulg.)

Peso (incluyendo batería): 470 g (16,5 oz.)

Color: Blanco (con lente transparente)

Receptores compatibles

Banda de 433 MHz : HSM2HOST4; HS2LCDRF(P)4; HS2ICNRF(P)4; PG4920

Banda de 868 MHz : HSM2HOST8; HS2LCDRF(P)8; HS2ICNRF(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.

Nota: Solo el modelo PG9901 que opera en la banda de frecuencia de 912-919 MHz está homologado por UL/ULC.

Notas UL/ULC

El PG9901 ha sido listado por UL / ULC para aplicaciones Robo Residencial / de fuego de acuerdo con la norma UL 1023 / unidades del sistema C1023 Hogar Alarms antirrobo y contra incendios UL 985/ULC-S545 hogar.

CE Europa: Los modelos PG4901 y PG8901 cumplen con los requisitos de RTTE : Directiva 1999/5/EC del Parlamento Europeo y del Consejo del 9 de marzo de 1999. El modelo PG8901 está certificado por DNV (DET

NORSKE VERITAS) según las siguientes normas: EN50131-4, EN50131-1 GRADO 2, CLASE II, EN50131-6 Tipo C. DNV (DET NOROSKE VERITAS) 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 PG8901 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 ven-

tajas 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.

PG9901/PG8901/PG4901

Instruções de Instalação da Sirene Interior PowerG sem fio, supervisionada

Resumo

O modelo PG9901 é uma sirene interior PowerG sem fio, 2 vias, totalmente supervisionada. Destinada para instalação em zonas onde a fiação é difícil ou impossível.

Características

- Os indicadores de qualidade de ligação integrada reduzem o tempo de instalação, eliminando a necessidade de o instalador se aproximar do painel de controle.
- Tipos múltiplos de som: Roubo (entre 1400Hz - 3200Hz), incêndio, gás/CO e inundação.
- O botão Entrada/Saída pode ser ativado através do painel de controle para soar sempre que o usuário tiver armado o sistema e sempre que tiver entrado na zona protegida.
- Os sons de apito (bip) podem ser configurados através do painel de controle para indicar o armamento do sistema de alarme (1 apito) e para desarmar (2 apitos) através do comando portátil.

- A proteção de Bloqueio Duplo envia um alarme de bloqueio para o sistema se o painel frontal da sirene for retirado ou se a sirene for retirada da parede.

Notas: O receptor acústico é ativado para uma duração predefinida de acordo com os requisitos locais, ou até que o sistema seja desarmado. A luz estroboscópica opera como descrito no manual de instalação do HSM2HOST.

Funcionamento

- A luz da sirene e estroboscópica ativa-se sempre que é recebida uma mensagem de evento de um sistema de alarme.
- Quando a tensão da bateria está fraca, é enviada uma mensagem de bateria fraca para o sistema de alarme. Depois da entrega da mensagem, são possíveis pelo menos 2 sirenes de alarme antes da sirene ficar totalmente inativa.

Configurar Dispositivo

Cuidado! Deve ser instalada por pessoas qualificadas apenas em locais não perigosos. Risco de explosão se a bateria for substituída por um tipo incorreto. Respeitar a polaridade quando instalar as baterias. A eliminação das baterias usadas deve estar de acordo com as instruções do fabricante e conforme as regulamentações e normas locais.

AVISO: Baterias são apenas substituídas por pessoal qualificado.

Nota: Para garantir um funcionamento contínuo de todos os dispositivos sem fio depois de executar uma predefinição do sistema é recomendado um carregamento global da programação de todos os dispositivos sem fio através de DLS antes de padronizar o sistema. Depois de concluir a predefinição do sistema, faça o download da programação sem fio.

Legenda

- Bateria
- Cabo da bateria
- Conector da bateria
- Botão de registro
- Botão de auto-teste
- Para parafuso de bloqueio traseiro

Instalar a bateria

- Solte o parafuso da traseira e abra a tampa.
- Introduza o conjunto da bateria e coloque firmemente o cabo da bateria (B) no conector da bateria (C).

Nota: Sempre que estiver programando manualmente os dispositivos sem fio, se um dispositivo estiver funcionando durante mais de 48

horas não pode ser registrado no sistema até que o dispositivo seja bloqueado e restaurado.

Nota: Após restaurar um baixo problemas de bateria do sistema pode levar até 5 minutos para limpar o problema.

Registre o dispositivo no sistema

Para o registro rápido:

- Em um teclado numérico pressione [*] [8] [Código Instalador] [804] [000].
- Pressione e mantenha pressionado o botão de registro do dispositivo até que os indicadores LED fiquem fixos e depois solte o botão de registro enquanto o LED continua aceso. Então, aparecerá no teclado numérico uma mensagem de confirmação.
- Pressione a tecla [*] para confirmar ID.
- Digite [3 sirene dígitos #].
- Insira [# partição de 1 dígito] para todas as partições desejadas e pressione [#]. Se estiver usando um teclado numérico LCD, pode se deslocar para as partições desejadas e pressionar [*] para comutar a partição.
- Em um teclado numérico LCD, insira a etiqueta usando a biblioteca do Word.

Para pré-registar:

- Configure remotamente o número de ID exclusivo no sistema. Para mais informações, consulte o manual do HSM2HOST.
 - Quando no local, pressione o botão de registro do dispositivo.
- Nota:** Se o dispositivo sem fio estiver conectado durante mais de 48 horas sem ser registrado, bloqueie e restaure o dispositivo para registrá-lo.

Diagnóstico Local e teste de Colocação

Antes de montar permanentemente qualquer dispositivo sem fio, é recomendado montar temporariamente o dispositivo e realizar um teste de Diagnóstico Local.

- Antes de testar, remova a tampa plástica.
- Pressione o botão de auto-teste e solte-o. O LED vermelho ficará ON e depois OFF, o LED verde ficará ON e depois OFF, a luz estroboscópica ficará ON e depois OFF e a sirene piezo soará indicando que está totalmente operacional.
- Depois de 2 segundos, o LED pisca 3 vezes indicando a intensidade do sinal.

A tabela seguinte indica a intensidade do sinal recebido.

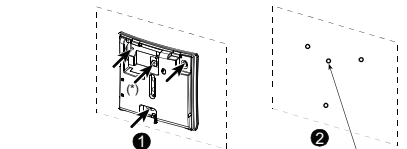
Resposta LED	Recepção
LED verde piscando	FORTE
LED laranja piscando	BOM
LED Vermelho piscando	RUIM
Não pisca	Nenhuma comunicação

IMPORTANTE! Apenas são aceitáveis as intensidades de sinal BOM ou FORTE. Se receber um sinal FRACO do dispositivo, volte a colocar o dispositivo e volte a testar até ser recebido um sinal BOM ou FORTE.

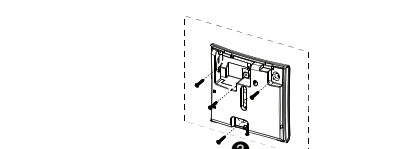
Nota: Para instalações UL/ULC, apenas são aceitáveis os níveis de sinal FORTE. Depois da instalação, verifique a funcionalidade em conjunto com os receptores compatíveis HSM2HOST9, HS2LCDRF(P)9, HS2ICNRF(P)9 e PG9920.

Nota: Para instruções detalhadas de Colocação, consulte o Guia de Referência do painel de controle.

Montar o dispositivo



Umidade Relativa: máx. 93%RH, sem condensação (UL/ULC apenas verificado máx 85%RH)
Dimensões (CxLxP): 161x161x50mm (6-7/16 x 6-7/16 x 1-3/4 pol)
Peso (com bateria): 470g (16,5oz)
Cor: Branco (com lente transparente)



- Marque para furação.
- Furar 4 buracos.
- Aperte com os 4 parafusos fornecidos.

Configuração

Para entrar na seção de configuração sem fio, insira [804][551-566].

- [000] **Atribuição de Partição**
Pressione os dígitos das partições atribuídas desejadas.
- [001] **Comutações do Dispositivo**
Os seguintes são fechamentos de 8 bits
01 - Incêndio - Predefinido [S]
02 - CO - Predefinido [S]
03 - Roubo - Predefinido [S]
04 - Inundação - Predefinido [S]
06 - Alarme Btlq automático - Predefinido [N]
- [002] **Alarme Estroboscópico - Predefinido [01]**
01 - Desativado
02 - Temporizador Limitado
03 - Até Desarmado
- [003] **Bips Saída Entrada - Predefinido [01]**
01 - Desativado
02 - Ativado
03 - Presente Desativado
- [004] **Alarme Estroboscópico - Predefinido [02]**
01 - Desativado
02 - Apenas Receptor Acústico
03 - Apenas Estroboscópico
04 - Receptor Acústico e Estroboscópico
- [001][06] **Volume do Receptor Acústico - Predefinido [02]**
01 - Baixo
02 - Médio
03 - Alto

Especificações

Nível de som do alarme: 85dB a 3m (10 pés)

Faixa de Frequência (MHz): PG4901 com classificação CE: 433MHz; PG8901 com classificação CE/EN: 868MHz; PG9901 com classificação FCC/IC/ULC: 915MHz

Modulação: GFSK

Antena: Antena integrada

Protocolo de Comunicação: PowerG

Tipo de sirene: Um Piezo 109db min. Nível de pressão sonora @ 1m, 1400Hz-3200Hz, varrido de frequência 7Hz.

Tipo de bateria: Bateria de lítio 3,6V/14,5A/H (EVE ER34615M/w200) (não verificado por UL/ULC)

Nota: Use apenas a bateria mencionada acima.

Nota: O estroboscópio pisca 5 vezes e o LED vermelho acende-se continuamente durante a primeira instalação da bateria.

Duração da bateria: 8 anos (não verificado por UL/ULC)

Limite bateria fraca: 2V + 300mV inclinação negativa OU 1,2V

Luz Estroboscópica: Pulsada a cada 1 seg.

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

Umidade Relativa: máx. 93%RH, sem condensação (UL/ULC apenas verificado máx 85%RH)
Dimensões (CxLxP): 161x161x50mm (6-7/16 x 6-7/16 x 1-3/4 pol)
Peso (com bateria): 470g (16,5oz)
Cor: Branco (com lente transparente)

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.

Nota: Apenas o modelo PG9901 opera em faixa de frequência 912-919 MHz e possui classificação UL/ULC.

Notas UL/ULC

O PG9901 foi listado pela UL / ULC para aplicações Roubo Residencial / incêndio, de acordo com UL 1023 / unidades do sistema CI023 Household alarmes de assaltante e fogo UL 985/ULC-SS45 Domicílios.



Europa: Os modelos PG4901 e PG8901 estão conforme os requisitos RTTE - Diretiva 1995/5/EC do Parlamento Europeu e do Conselho de 9 de março 1999. O modelo PG8901 é certificado pela DNV (DET NORSEKE VERITAS) para as seguintes normas: EN50131-4, EN50131-1 GRAU 2, CLASSE II, EN50131-6 Tipo C. A DNV (DET NORSEKE VERITAS) 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 modelo PG9901 é apropriado para usar 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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