

Panasonic®

Installation Guide

Home Network System Garage Door Sensor

Model No. **KX-HNS107**



Thank you for purchasing a Panasonic product.

This document explains how to install the sensor properly.
For details about how to use the system, refer to the User's Guide
(page 16).

Please read this document before using the unit and save it for future reference.

For assistance, please contact us at 1-800-272-7033 or visit our Web site: <http://shop.panasonic.com/support> for customers in the U.S.A.

Please register your product: <http://shop.panasonic.com/support>

In order to use this device:

- Download the latest version of the **[Home Network]** app.
- Update your hub to the latest firmware version (version 7.00 or later).

For more information, refer to the User's Guide (page 16).

Printed in China

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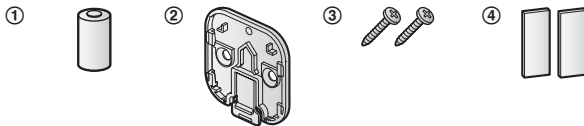
Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity
①	Battery*1	1
②	Mounting adaptor*2/PNKL1062Z1	1
③	Mounting screws (20 mm (25/32 inches))/XTS4+20AVWC3	2
④	Double-sided mounting tapes/PNHS1724Z	2

*1 When replacing the battery, see "Power source" of "Specifications", page 17 for battery information.

*2 The mounting adaptor is attached to the product at the time of shipment.



Other information

- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.

Trademarks

- iPhone and iPad are registered trademarks of Apple Inc.
- Android is a trademark of Google Inc.
- Microsoft, Windows, and Internet Explorer are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- All other trademarks identified herein are the property of their respective owners.

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Important Information

About this system

- This system is an auxiliary system; it is not designed to provide complete protection from property loss. Panasonic will not be held responsible in the event that property loss occurs while this system is in operation.
- The system's wireless features are subject to interference, therefore functionality in all situations cannot be guaranteed. Panasonic will not be held responsible for injury or damage to property that occurs in the event of wireless communication error or failure.

For your safety

To prevent severe injury and loss of property, read this section carefully before using the product to ensure proper and safe operation of your product.

WARNING

Power connection

- Do not connect non-specified devices.

Installation

- Install this product in accordance with the provided instructions.
- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled

devices such as fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.

- Install the product only on a vertical surface. Do not install the product on a ceiling, as the product may fall, resulting in damage or injury.
- Keep small parts (screws, etc.) out of the reach of children. There is a risk of swallowing. In the event they are swallowed, seek medical advice immediately.
- Panasonic will not be held responsible for damage or injury caused by improper connection, installation, or usage.

Operating safeguards

- Do not disassemble the product.

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. DECT features operate between 1.92 GHz and 1.93 GHz with a peak transmission power of 115 mW.
- Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

CR Lithium battery

- Do not recharge, disassemble, remodel, heat or throw it into fire.

4 For assistance, please visit <http://shop.panasonic.com/support>

Important Information

- Do not touch the terminals ⊕ and ⊖ with metal objects.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used battery according to local regulations.
- If any electrolyte should come into contact with your hands or clothes, wash it off thoroughly with water.
- If any electrolyte should come into contact with your eyes, never rub your eyes. Rinse your eyes thoroughly with water, and then consult a doctor.

CAUTION

Installation and location

- Do not mount the product on plywood less than 25 mm (1 inch) thick.

CR Lithium battery

- Use only the battery noted on page 3.
- Insert the battery correctly.
- Do not leave the battery in an automobile exposed to direct sunlight for a long period of time with the doors and windows closed.
- Remove the battery if you do not use the product for a long period of time. Keep it in a cool, dark area.
- Do not replace a battery with wet hands.
- Keep out of the reach of small children. There is a risk of swallowing. If the battery is swallowed, seek medical attention immediately.
- Remove the battery if it becomes unusable. There is a risk of leakage, overheating, and rupture. Do not

attempt to use a battery if it is leaking.

- Exercise care when handling the battery. Do not allow conductive materials such as rings, bracelets, or keys to touch the battery, otherwise a short circuit may cause the battery and/or the conductive material to overheat and cause burns.
- Do not intentionally pour water on the battery or allow it to get wet. There is a risk of fire and smoke. If the battery becomes wet, remove it immediately and contact an authorized service center.
- The battery should be used correctly, otherwise the product may be damaged due to battery leakage.
- Do not charge, short-circuit, disassemble, or heat the battery.
- Do not dispose of batteries in a fire.

Important safety instructions

When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
2. Use only the batteries indicated in this document. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

For assistance, please visit <http://shop.panasonic.com/support> 5

Important Information

For best performance

Hub location/avoiding noise

The hub and other compatible Panasonic devices use radio waves to communicate with each other.

- For maximum coverage and noise-free communications, place your hub:
 - at a convenient, high, and central location with no obstructions between the product and hub in an indoor environment.
 - away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones.
 - facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the hub on a bay window or near a window.)
- If the reception for a hub location is not satisfactory, move the hub to another location for better reception.

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- Do not place heavy objects on top of the product.
- The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than -20 °C (-4 °F) or greater than 50 °C (122 °F). Damp basements should also be avoided.

- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

Other information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Routine care

- Wipe the outer surface of the product with a soft moist cloth.
- Do not use any cleaning products that contain alcohol, polish powder, powder soap, benzine, thinner, wax, petroleum, or boiling water. Also do not spray the product with insecticide, glass cleaner, or hair spray. This may cause a change in color or quality of the product.

Information on Disposal in other Countries outside the European Union



These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

6 For assistance, please visit <http://shop.panasonic.com/support>

Important Information

Note for the battery removal procedure

Refer to "Inserting the battery" on page 9.

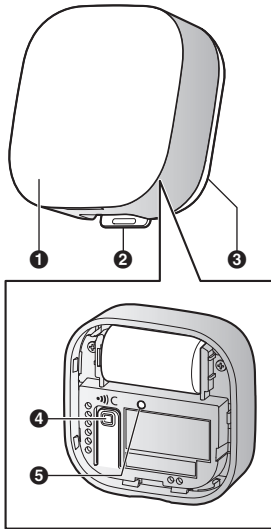
Notice

- This product is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Cet appareil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este producto está diseñado para usarse en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- 本產品專為美國使用而設。若在其他國家銷售或使用，可能會違反當地法例。
- この製品は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

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Setup

Part names and functions



- 1 Front cover
- 2 Mounting adaptor release lever
- 3 Mounting adaptor
- 4 **[C]**
Used to confirm the status of the sensor or register the sensor to the hub.
- 5 LED indicator

LED indicator

You can press **[C]** and check the LED indicator to confirm the sensor's status. After confirming the sensor's status, we recommend turning the LED indicator off by pressing **[C]** again as soon as possible, otherwise battery life may be reduced.

Indicator	Status
Green, lit	Door is closed
Red, lit	Door is open
Red, blinking	Sensor is out of range of the hub
Green, blinking slowly	Registration mode (You pressed and held [C])
Off	No battery power

Note:

- The LED indicator does not indicate sensor status if the sensor has not been registered (page 10).

Setup overview

- 1 Initial setup**

Make sure you can access the system using your mobile device. For details, refer to the System Setup Guide included with your hub.
- 2 Insert the battery**

The sensor is battery powered.
- 3 Registration**

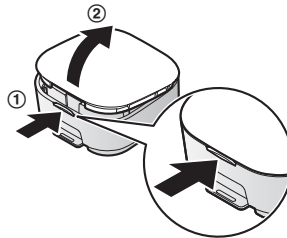
Required only if the sensor was purchased separately (i.e., not as part of a bundle).
- 4 Confirm the installation area**

Read the information in this document to confirm that the desired installation area is suitable to proper operation.
- 5 Installation**

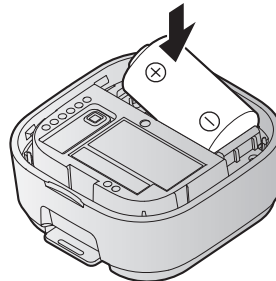
Install the sensor in the desired location.

Inserting the battery

- Use **ONLY** a CR2 Lithium battery.
 - Confirm the polarities (\oplus , \ominus).
- 1** Remove the front cover.
 - Lift from the indented area (①) and remove the cover (②).



- 2** Insert the battery.



- 3** Attach the front cover.

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Setup

Replacing the battery

Use this procedure when replacing the battery after installation.

- 1 Remove the sensor from the mounting adaptor by pressing the release lever, sliding the sensor up and lifting it away from the mounting adaptor.
- 2 Remove the front cover.
- 3 Replace the battery with a new one.
- 4 Attach the front cover.
- 5 Attach the sensor to the mounting adaptor.
 - The sensor will click into place when it is secured.
 - Make sure the “UP” marks on the back of the sensor and the inside of the mounting adaptor point in the same direction.

Registering the sensor

This procedure is not required for devices that were included as part of a bundle.

Before you can use the sensor, it must be registered to the hub.

If you purchased devices separately (i.e., not as part of a bundle), you must register each device to the hub.

You can register each device by using the registration buttons or the **[Home Network]** app.

Using registration buttons

- 1 **Hub:**
Press and hold **[••]C OTHER DEVICE]** until the LED indicator blinks slowly in green.
- 2 **Sensor:**
Remove the front cover, and then press and hold **[••]C]** until the LED indicator blinks slowly in green (page 8).
 - When registration is complete, the hub sounds one long beep.

Note:

- To cancel without registering the sensor, press **[••]C]** on the hub and on the sensor again.
- If registration fails, the hub sounds several short beeps.

Using the app

When you register the sensor by using the **[Home Network]** app, you can assign it a name and location. For more information, refer to the User's Guide (page 16).

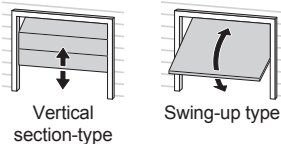
Information about sensor features

The garage door sensor utilizes an accelerometer to detect its orientation. Please read the following information before deciding where to install the garage door sensor.

Note:

- The sensor is not designed to be used in situations that require high reliability. We do not recommend use of the sensor in these situations.
- Panasonic takes no responsibility for any injury or damage caused by the use of the garage door sensor.

Compatible garage doors



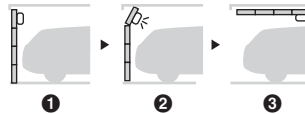
How an open door is detected

The sensor is installed by mounting it to the interior-side of your garage door. It should be mounted in such a way that it is perpendicular to the ground when the garage door is closed, and is tilted when the garage door is opened. When the garage door has opened far enough to tilt the sensor beyond the detection threshold (page 17), the sensor is triggered.

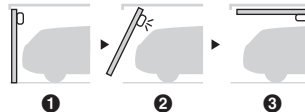
Note:

- The sensor is not triggered if the door is opened slightly.

Vertical section-type



Swing-up type



- 1 Door closed
- 2 As door opens, sensor is triggered
- 3 Door fully open

Setup

Confirming the usage area

Wireless communication range

The wireless communication range of each device in the system from the hub is approximately 50 m (160 feet) indoors and approximately 300 m (1,000 feet) outdoors. Wireless communication may be unreliable when the following obstacles are located between the hub and other devices.

- Metal doors or screens
- Walls containing aluminum-sheet insulation
- Walls made of concrete or corrugated iron
- Double-pane glass windows
- Multiple walls
- When using each device on separate floors or in different buildings

Note:

- You can check the sensor's communication status by pressing **[•]C**. If the LED indicator is lit in green or red, the sensor is communicating properly with the hub. If the LED indicator blinks in red, it is out of range of the hub.

Usage area cautions

Using the sensor in the following areas may cause deformation, malfunction, or operational failure.

- In direct sunlight
- Areas exposed to grease or steam, such as kitchens

- Near fire or heating devices
- Near magnetic fields (such as near microwaves and magnets)
- Areas subject to extreme temperature changes, such as next to air conditioners
- Near devices that emit strong radio waves, such as mobile phones

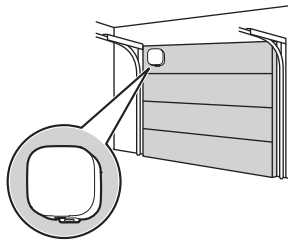
12 For assistance, please visit <http://shop.panasonic.com/support>

Mounting the sensor

In most cases, you can mount the sensor to the garage door using double-sided tape. In some cases, such as when mounting the sensor to a wooden surface, you can use screws.

Installation precautions

- Observe the following to avoid the risk of falling, which could cause injury or damage to property.
 - Mount the sensor on a stable surface where the sensor will be adequately supported.
 - Do not mount the sensor on plywood less than 25.4 mm (1 inch) thick.
- Install the sensor on the inside of the garage door.
- Mount the sensor near the top of the garage door. Additionally, we recommend mounting the sensor near the left or right edge of the garage door, so that the sensor is not directly above the car when the garage door is open.



Securing with double-sided tape

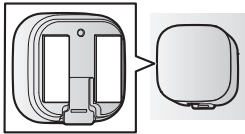
Important:

- Make sure the surfaces of the mounting adaptor and the installation area of the garage door are clean and dry before applying double-sided tape. Take particular care to remove any oil or grime that has accumulated on the garage door.
- Install the sensor on a smooth area of the garage door. Ideally there should be no pits or grooves deeper than 0.5 mm (0.02 inches).
- Once you have used the double-sided tape, do not reuse it.
- When mounting the sensor in cold temperatures, observe the following to ensure optimal adhesion.
 - Affix the double-sided tape to the mounting adaptor indoors, when the tape and the adaptor are at room temperature.
 - Use a hair dryer or other low-heat emitting device to warm the installation surface of the garage door immediately prior to adhesion, otherwise adhesion may be poor and the sensor may fall.

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Setup

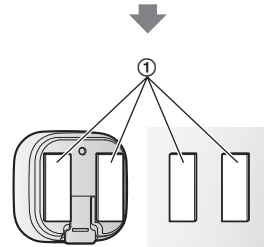
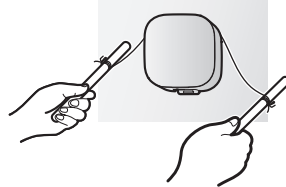
- 1 Make sure that the front cover and the mounting adaptor are firmly attached to the sensor.
- 2 Affix the double-sided tape to the mounting adaptor.
 - Make sure the tape covers the screw holes on the mounting adaptor.



- 3 Attach the sensor to the inside of the garage door.
 - Make sure the mounting adaptor release lever is facing down when the garage door is closed.
 - Press firmly to ensure solid adhesion to the installation surface.

Removing when secured with double-sided tape

- 1 Tie a piece of thread to two sticks, screwdrivers, etc.
- 2 Pull the thread tight and use it to cut the double-sided tape, and then remove any excess tape (①).

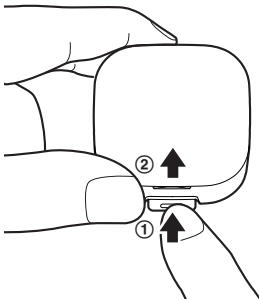


Setup

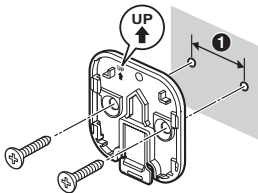
Securing with screws

Important:

- Make sure the screws are shorter than the thickness of the installation surface.
- 1 Remove the sensor from the mounting adaptor by pressing the release lever (①), sliding the sensor up and lifting it away from the mounting adaptor (②).

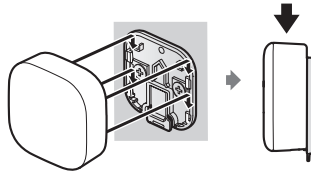


- 2 Use the screws to attach the mounting adaptor to the inside of the garage door.
 - Make sure the "UP" mark on the mounting adaptor points upwards when the garage door is closed.



① 25.4 mm (1 inch)

- 3 Attach the sensor to the mounting adaptor.



- The sensor will click into place when it is secured.
- Make sure the "UP" marks on the back of the sensor and the inside of the mounting adaptor point in the same direction.

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Appendix


Features available when using the [Home Network] app

Some of the sensor's features that are available when using the [Home Network] app are listed below. For more information, refer to the User's Guide (page 16).

- **Alarm system**
You can use the app to receive notifications when the garage door is opened or left open, arm and disarm the alarm system, confirm the current status of the sensor, and view a log of previous events.
- **Sensor integration**
You can configure the sensor to trigger other system events, such as camera recording, turning on an electric device (such as a lamp), etc. (Appropriate device required.)
- **Telephone alert**
You can configure the system to call a preprogrammed phone number when the sensor is triggered.

Accessing the User's Guide

The User's Guide is a collection of online documentation that helps you get the most out of the [Home Network] app.

- 1 iPhone®/iPad®**
Tap  in the app's home screen.
- Android™ devices**
Tap  or press your mobile device's menu button in the app's home screen.

- 2 Tap [User's Guide].**

Note:

- Microsoft® Windows® Internet Explorer® 8 and earlier versions are not supported.
- Android 4.1 or later versions are recommended.
- You can also access the User's Guide at the web page listed below.



www.panasonic.net/pcc/support/tel/homenetwork/manual/

Specifications

- **Standards**
DECT (Digital Enhanced Cordless Telecommunications)
- **Frequency range**
DECT: 1.92 GHz – 1.93 GHz
- **RF transmission power**
DECT: 115 mW (max.)
- **Power source**
Lithium battery CR2 (CR15H270)
(1 × 3.0 V, 850 mAh)
- **Battery life**
Up to 18 months (when the sensor is triggered 5 times a day and the surrounding temperature is approx. 25 °C (77 °F))
- **Detection method**
3-axis accelerometer
- **Operating conditions**
-20 °C – 50 °C (-4 °F – 122 °F)
- **Detection threshold**
When opening the door: Approx. 26°
When closing the door: Approx. 20°
- **Dimensions (height × width × depth)**
50 mm × 50 mm × 24 mm
(1 31/32 inches × 1 31/32 inches × 15/16 inches)
with the mounting adaptor attached
- **Mass (weight)**
Approx. 30.3 g (1.07 ounces),
excluding the battery, with the
mounting adaptor attached

Appendix

FCC and other information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this device.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE:

This equipment 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 a residential installation. 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Some devices operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, this device should not be placed near or on top of a TV or VCR. If interference is experienced, move this device further away from the TV or VCR. This will often reduce or eliminate interference.

FCC RF Exposure Warning:

- This product complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- To comply with FCC RF exposure requirements, the device must be installed and operated 20 cm (8 inches) or more between the product and all person's body.
- This product may not be collocated or operated in conjunction with any other antenna or transmitter.

Notice:

- FCC ID can be found inside the sensor.

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Customer services

Shop Accessories!

for all your Panasonic gear

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<http://shop.panasonic.com/support>

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Accessories & Parts for your Camera, Phone, A/V
products, TV, Computers & Networking, Personal
Care, Home Appliances, Headphones, Batteries,
Backup Chargers & more...

Customer Services Directory

For Product Information, Operating Assistance,
Parts, Owner's Manuals, Dealer and Service info
go to <http://shop.panasonic.com/support>

You may also contact us directly at: 1-800-272-7033,

Monday - Friday 9 am to 9 pm;

Saturday - Sunday 10 am to 7 pm, EST.

For the hearing or speech impaired TTY: 1- 877-833-8855

As of June 2015

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Appendix

Limited Warranty (ONLY FOR U.S.A.)

Panasonic Products Limited Warranty

Limited Warranty Coverage (For USA Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Corporation of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Home Network System Products	One (1) Year	One (1) Year
microSD card (Included model only)	90 days	N/A

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Mail-In Service—Online Repair Request

Online Repair Request

To submit a new repair request and for quick repair status visit our Web Site at <http://shop.panasonic.com/support>

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at <http://shop.panasonic.com/support> as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

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Appendix

Limited Warranty Limits and Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content.

The items listed are not exclusive, but for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

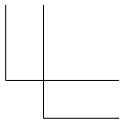
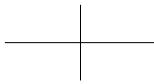
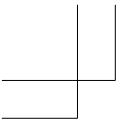
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to:

Consumer Affairs Department
Panasonic Corporation of North America
661 Independence Pkwy
Chesapeake, VA 23320

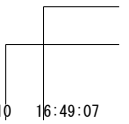
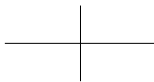
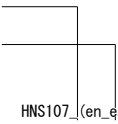
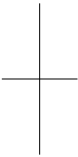
PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

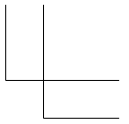
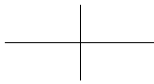
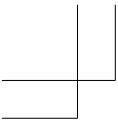
As of June 2015

For assistance, please visit <http://shop.panasonic.com/support> 21

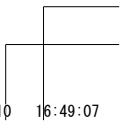
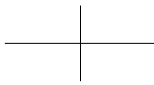
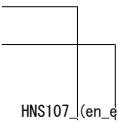


Notes





Notes



IMPORTANT!

If your product is not working properly. . .

- ① Use a **CR2 lithium battery**.
- ② Use the **Home Network app** to access the **User's Guide** and refer to the **Troubleshooting** section.



Visit our Web site: <http://shop.panasonic.com/support>
•FAQ and troubleshooting hints are available.

For your future reference

We recommend keeping a record of the following information to assist with any repair under warranty.

Serial No.	Date of purchase
------------	------------------

(found inside the sensor) Name and address of dealer

Attach your purchase receipt here.

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, NJ 07102-5490

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Panasonic®

Guía de instalación

Sistema de red doméstico Sensor de la puerta del garaje

Modelo n° **KX-HNS107**



Gracias por adquirir un producto Panasonic.

Este documento explica cómo instalar el sensor de forma correcta. Para obtener detalles sobre cómo usar el sistema, consulte la Guía del usuario (página 11).

Lea este documento antes de usar la unidad, y guárdelo para consultarlo en el futuro.

Para obtener ayuda, comuníquese con nosotros llamando al 1-800-272-7033 o visite nuestro sitio web: <http://shop.panasonic.com/support> para clientes en los EE. UU. (solo en inglés)

Por favor, registre su producto: <http://shop.panasonic.com/support>

Para utilizar este dispositivo:

- Descargue la versión más reciente de la aplicación [**Home Network**].
- Actualice el hub a la versión de firmware más reciente (versión 7.00 o posterior). Para obtener más información, consulte la Guía del usuario (página 11).



PNQX7762ZA

PNQX7762ZA CC0116WK0 (E)



Tabla de Contenido

Configuración

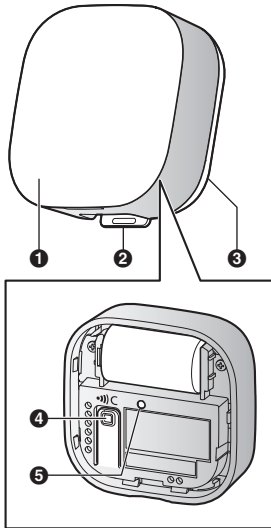
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Nombres de los componentes y funciones



- 1 Tapa frontal
- 2 Palanca de activación del adaptador de montaje
- 3 Adaptador de montaje
- 4 [●]C
Se usa para confirmar el estado del sensor o para registrar el sensor en el hub.
- 5 Led indicador

Led indicador

Puede oprimir [●]C y verificar el Led indicador para confirmar el estado del sensor. Tras confirmar el estado del sensor, recomendamos apagar el Led indicador volviendo a pulsar [●]C lo antes posible, ya que de lo contrario la vida útil de la batería podría reducirse.

Indicador	Estado
Verde, encendido	La puerta está cerrada
Rojo, encendido	La puerta está abierta
Rojo, parpadeante	El sensor está fuera de alcance del hub
Verde, parpadeando lentamente	Modo de registro (Oprimió y mantuvo oprimido [●]C)
Apagado	Sin batería

Nota:

- El Led indicador no indica el estado del sensor si el sensor no se ha registrado (página 5).

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Configuración

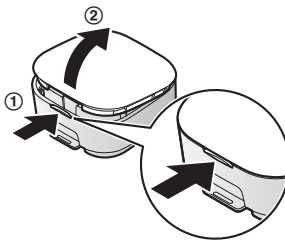
Resumen de configuración

- 1 Configuración inicial**
Asegúrese de poder acceder al sistema mediante su dispositivo móvil. Para obtener más detalles, consulte la Guía de configuración del sistema que viene con su hub.
- 2 Inserte la batería**
El sensor usa batería.
- 3 Registro**
Solo se requiere si se compró el sensor por separado (es decir, no como parte de un paquete).
- 4 Confirme el área de instalación**
Lea la información de este documento para confirmar que el área de instalación deseada sea la adecuada para el correcto funcionamiento.
- 5 Instalación**
Instale el sensor en la ubicación deseada.

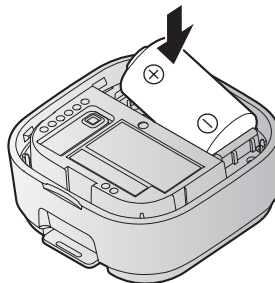
Insertar la batería

- Use SOLO una batería de litio CR2.
- Verifique las polaridades (+, -).

- 1** Quite la tapa frontal.
 - Levante del área cóncava (①) y quite la tapa (②).



- 2** Inserte la batería.



- 3** Coloque la tapa frontal.

4 Para obtener ayuda, visite <http://shop.panasonic.com/support>

Configuración

Cómo reemplazar la batería

Use este procedimiento cuando reemplace la batería luego de la instalación.

- 1 Quite el sensor del adaptador de montaje al oprimir la palanca de liberación, deslizar el sensor hacia arriba y levantarlo del adaptador de montaje.
- 2 Quite la tapa frontal.
- 3 Cambie la batería por una nueva.
- 4 Coloque la tapa frontal.
- 5 Coloque el sensor en el adaptador de montaje.
 - El sensor se fijará en su lugar cuando esté asegurado.
 - Asegúrese de que las marcas "UP" de la parte trasera del sensor y del interior del adaptador de montaje apunten en la misma dirección.

Registro del sensor

Este procedimiento no es necesario para unidades que son parte de un paquete.

Antes de poder usar el sensor, debe registrarlo en el hub.

Si compró los dispositivos por separado (es decir, no como parte de un paquete), debe registrar cada dispositivo en el hub.

Puede registrar cada unidad mediante los botones de registro o la aplicación **[Home Network]**.

Uso de los botones de registro

- 1 **Hub:**
Oprima y mantenga oprimido **[•]C** **[OTHER DEVICE]** hasta que el Led

indicador parpadee lentamente en verde.

- 2 **Sensor:**
Quite la tapa frontal y mantenga oprimido **[•]C** hasta que el Led indicador parpadee lentamente en verde (página 3).
 - Cuando se ha completado el registro, el hub emitirá un pitido largo.

Nota:

- Para cancelar sin registrar el sensor, oprima **[•]C** en el hub y en el sensor nuevamente.
- Si el registro falla, el hub emitirá varios pitidos cortos.

Uso de la aplicación

Cuando registra el sensor con la aplicación **[Home Network]**, puede asignarle un nombre y una ubicación. Para obtener más información, consulte la Guía del usuario (página 11).

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Configuración

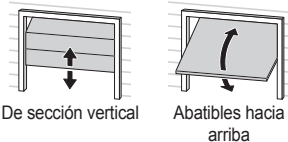
Información acerca de las características del sensor

El sensor de la puerta del garaje utiliza un acelerómetro para detectar la orientación. Lea la información siguiente antes de decidir dónde instalar el sensor de la puerta del garaje.

Nota:

- El sensor no está diseñado para usarse en situaciones que requieran alta confiabilidad. No recomendamos el uso del sensor en estas situaciones.
- Panasonic no asume ninguna responsabilidad por lesiones o daños provocados por el uso del sensor para puerta de garaje.

Puertas de garaje compatibles



Cómo se detecta una puerta abierta

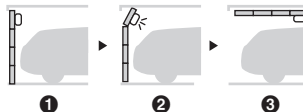
Para instalar el sensor, es necesario montarlo en el lado interior de la puerta del garaje. Se debe montar de manera que quede perpendicular al suelo cuando se cierra la puerta del garaje, y que se incline cuando ésta se abre.

Cuando la puerta del garaje se abre lo suficiente como para inclinar el sensor más allá del umbral de detección, el sensor se activa.

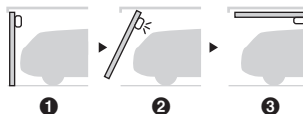
Nota:

- El sensor no se activa si la puerta se abre suavemente.

De sección vertical



Abatibles hacia arriba



- 1 Puerta cerrada
- 2 Cuando la puerta se abre, el sensor se activa
- 3 Puerta completamente abierta

Confirmación del área de uso

Alcance de la comunicación inalámbrica

El alcance de la comunicación inalámbrica de cada dispositivo en el sistema del hub es de aproximadamente 50 m (160 pies) en interiores y de aproximadamente 300 m (1,000 pies) en el exterior. Es posible que la comunicación inalámbrica no sea tan confiable cuando se encuentran los obstáculos siguientes entre el hub y otros dispositivos.

- Puertas o pantallas metálicas
- Paredes que contengan aislamiento de aluminio
- Paredes de hormigón o hierro corrugado
- Ventanas de vidrio doble
- Varias paredes
- Cuando los dispositivos están en pisos o edificios diferentes

Nota:

- Puede verificar el estado de la comunicación del sensor presionando **[•)C]**. Si el Led indicador está iluminado en verde o rojo, el sensor se está comunicando de forma adecuada con el hub. Si el Led indicador parpadea en rojo, se encuentra fuera de alcance del hub.

Precauciones respecto al área de uso

El uso del sensor en las siguientes áreas puede causar deformación, averías o fallas de operación.

- A la luz del sol
- En áreas expuestas a grasa o vapor, como en cocinas

- Cerca del fuego o calefactores
- Cerca de campos magnéticos (como cerca de hornos microondas e imanes)
- Áreas sujetas a cambios extremos de temperatura, como cerca de aires acondicionados
- Cerca de dispositivos que emiten ondas de radio potentes, como teléfonos móviles

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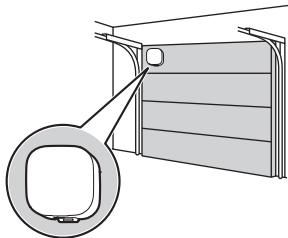
Configuración

Montaje del sensor

En la mayoría de los casos, es posible montar el sensor en la puerta del garaje con cinta de doble cara. En algunos casos, como cuando se monta el sensor en una superficie de madera, se pueden usar tornillos.

Precauciones de instalación

- Siga estas instrucciones para evitar el riesgo de caída, el cual puede causar lesiones o daños en la propiedad.
 - Monte el sensor sobre una superficie estable, donde se pueda sostener correctamente.
 - No monte el sensor sobre una superficie contrachapada que tenga menos de 25.4 mm (1 pulgada) de grosor.
- Instale el sensor en el interior de la puerta del garaje.
- Monte el sensor cerca de la parte superior de la puerta del garaje. Además, recomendamos montar el sensor cerca del borde izquierdo o derecho de la puerta del garaje, de modo que el sensor no quede arriba del auto cuando se abre la puerta.



Ajuste con cinta adhesiva de doble cara

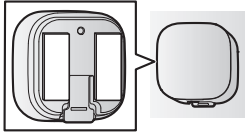
Importante:

- Antes de colocar la cinta adhesiva de doble cara, asegúrese de que las superficies del adaptador de montaje y el área de instalación de la puerta del garaje estén limpias y secas. Tenga especial cuidado y quite el aceite o la suciedad que se haya acumulado en la puerta del garaje.
- Instale el sensor en una superficie suave de la puerta del garaje. Lo ideal es que no haya hendiduras ni ranuras de más de 0.5 mm (0.02 pulgadas) de profundidad.
- Una vez que haya utilizado la cinta de doble cara, no la vuelva a utilizar.
- Si monta el sensor cuando la temperatura es baja, siga estas instrucciones para asegurar una adhesión óptima.
 - Una vez que la cinta y el adaptador estén a temperatura ambiente, fije la cinta de doble cara en la parte del adaptador de montaje que queda en el interior.
 - Antes de colocar la cinta, use un secador de pelo u otro dispositivo que emita calor para calentar la superficie de instalación de la puerta del garaje; de lo contrario, es posible que la adhesión no sea buena y el sensor se caiga.

8 Para obtener ayuda, visite <http://shop.panasonic.com/support>

Configuración

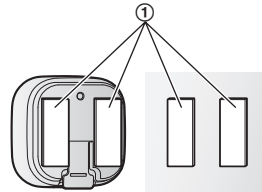
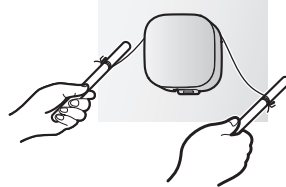
- 1 Asegúrese de que la tapa frontal y el adaptador de montaje estén firmemente adheridos al sensor.
- 2 Coloque la cinta de doble cara en el adaptador de montaje.
 - Asegúrese de que la cinta cubra los hoyos de los tornillos en el adaptador de montaje.



- 3 Coloque el sensor en la parte interior de la puerta del garaje.
 - Asegúrese de que la palanca de activación del adaptador de montaje apunte hacia abajo cuando se cierra la puerta del garaje.
 - Presione con firmeza para asegurar una adhesión sólida a la superficie de instalación.

Cómo extraer cuando se asegura con cinta adhesiva de doble cara

- 1 Ate un pedazo de hilo a dos palos, destornilladores, etc.
- 2 Tire firmemente del hilo y úselo para cortar la cinta de doble cara, y luego elimine cualquier exceso de cinta (①).



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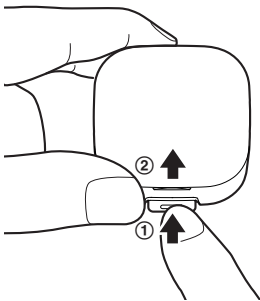
Configuración

Ajuste con tornillos

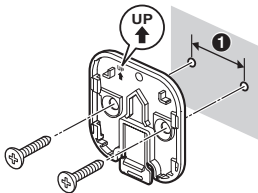
Importante:

- Asegúrese de que el largo de los tornillos sea menor que el grosor de la superficie de instalación.

- 1 Quite el sensor del adaptador de montaje al oprimir la palanca de liberación (①), deslizar el sensor hacia arriba y levantarlo del adaptador de montaje (②).

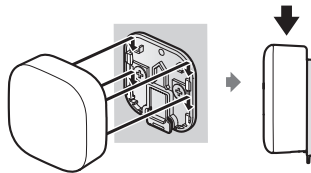


- 2 Utilice los tornillos para fijar el adaptador de montaje en la parte interior de la puerta del garaje.
 - Asegúrese de que la marca "UP" del adaptador de montaje apunte hacia arriba cuando la puerta del garaje está cerrada.



- ① 25.4 mm (1 pulgada)

- 3 Coloque el sensor en el adaptador de montaje.




- El sensor se fijará en su lugar cuando esté asegurado.
- Asegúrese de que las marcas "UP" de la parte trasera del sensor y del interior del adaptador de montaje apunten en la misma dirección.

10 Para obtener ayuda, visite <http://shop.panasonic.com/support>


Acceso a la Guía del usuario

La Guía del usuario es una colección de documentación en línea que lo ayuda a aprovechar al máximo la aplicación [Home Network].

1 iPhone®/iPad®

Toque  en la pantalla de inicio de la aplicación.

Dispositivos Android™

Toque  u oprima el botón menú de su dispositivo en la pantalla de inicio de la aplicación.

2 Toque [Guía del Usuario].

Nota:

- No se admite Microsoft® Windows® Internet Explorer® 8 y versiones anteriores.
- Se recomienda Android 4.1 y versiones posteriores.
- También puede acceder a la Guía del usuario mediante la página web a continuación.



www.panasonic.net/pcc/support/tel/homenetwork/manual/

