Panasonic

Installation Guide

Home Network System
Window/Door Sensor

Model No. **KX-HNS101**

Thank you for purchasing a Panasonic product.

This document explains how to install the window/door sensor properly.
For details about how to use the system, refer to the User's Guide (page 17).

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

For assistance, visit our Web site: **www.panasonic.com/support** for customers in the U.S.A. or Puerto Rico.

Please register your product: www.panasonic.com/prodreg

Printed in China

Introduction

Accessory information 3

Important Information

About this system 4
For your safety 4
Important safety instructions 5
For best performance 5
Other information 6

Setup

Part names and functions 8
About the LED indicator 8
Setup overview 8
Inserting the battery 9
Registering the window/door sensor 9
Changing the sensor type 10
Wireless communication range 10
Temporary placement 11
Installation 14

Appendix

Testing the window/door sensor 17
Features available when using the [Home Network] app 17
Accessing the User's Guide ….17
Specifications 18
FCC and other information ……19
Customer services 21
Warranty (For United States and Puerto Rico) 22

Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity
①	Battery*1	1
②	Mounting screws (20 mm (25/32 inches))*2/XMM38+20VW	4
③	Mounting double-sided tapes*3	3

*1 When replacing the battery, see “Power source” of “Specifications”, page 18 for battery information.
*2 2 screws for the sensor unit and 2 screws for the magnet unit
*3 2 pieces of tape for the sensor unit: PNHS1620Z
1 piece of tape for the magnet unit: PNHS1621Z

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.

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.

For your safety

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

⚠WARNING

Power connection

- Use only the power source marked on the product.
- Do not connect non-specified devices.

Installation

- 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 automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Keep small parts (magnet unit, magnet unit cover, screws, etc.) out of the reach of children. There is a risk of swallowing. In the event they are swallowed, seek medical advice immediately.

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.
- 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

General information

- Do not place magnetic cards or similar objects near the sensor unit and magnet unit. Magnetic data on the cards, etc. may be deleted.

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 batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.

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 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.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- 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 -10 °C (14 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.
- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

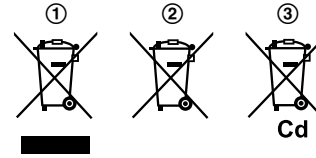
Other information

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 benzine, thinner, or any abrasive powder.

Information on Disposal in other Countries outside the European Union



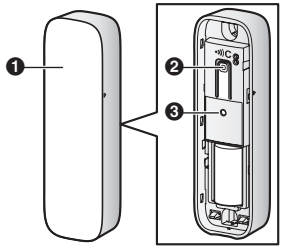
These symbols (①, ②, ③) are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Notice

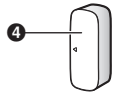
- This product is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Cet appareil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction 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。

Part names and functions

■ **Sensor unit**



■ **Magnet unit**



❶ **Sensor unit cover**
❷ **[•))C]**
Used to confirm the status of the sensor or register the sensor to the hub.
❸ **LED indicator**
❹ **Magnet unit cover**

About the LED indicator

You can press **[•))C]** and check the LED indicator to confirm the sensor's status.

Indicator	Status
Green, lit	Window/door is closed
Red, lit	Window/door is open
Red, blinking	Sensor is out of range of the hub
Green, blinking	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 9).

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 window/door sensor is battery powered.

3 **Registration**
Required only if the window/door 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 **Temporary placement**
Temporarily place the window/door sensor in the desired location and confirm that it operates properly (page 11).

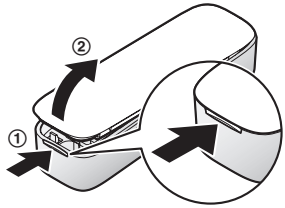
6 **Installation**
Install the window/door sensor on the same position where proper

operation was confirmed (page 14).

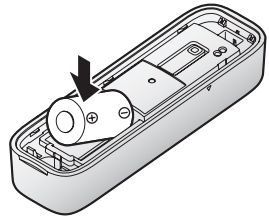
Inserting the battery

- USE ONLY a CR2 Lithium battery.
- Confirm the polarities (⊕, ⊖).

1 Remove the sensor unit cover.
- Lift from the indented area (①) and open the sensor unit cover (②).



2 Insert the battery.



3 Attach the sensor unit cover.

Registering the window/door sensor

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

Before you can use the window/door 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 in green.

2 **Window/door sensor:**
Remove the sensor unit cover and press and hold **[•))C]** until the LED indicator blinks in green (page 8).
- When registration is complete, the hub sounds one long beep.

Note:
- To cancel registration, press **[•))C]** on the hub and on the window/door sensor.
- If registration fails, the hub sounds several short beeps.

Using the app

When you register the window/door sensor by using the **[Home Network]** app, you can assign a name to your

devices and group them by location. For more information, refer to the User's Guide (page 17).

Changing the sensor type

You can select whether a window/door sensor functions as a window sensor or as a door sensor. For more information, refer to the User's Guide (page 17).

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 window/door 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.

Temporary placement

Before installing the window/door sensor, temporarily place it in the desired location and confirm that it operates properly by pressing **[•))C]**.

Important:

- Attach the sensor unit to the outer frame of the window or door, and the magnet unit to the inner frame.
- Attach both units so that the "▷" marks point toward each other and are within 25.4 mm (1 inch) of each other.
- The window/door sensor will not operate properly if the "▷" marks are too far apart or are facing the wrong way.

Confirming proper operation

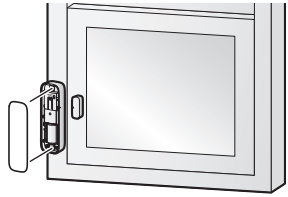
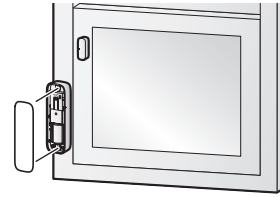
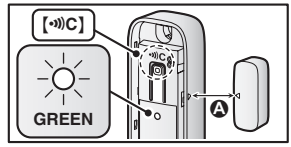
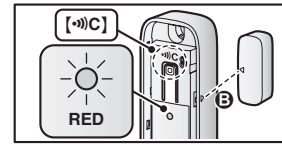
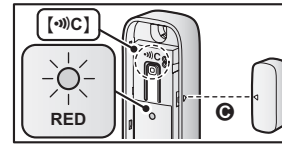
After temporarily placing the window/door sensor in the desired location, press **[•))C]** while the window or door is closed. The window/door sensor's LED indicator lights as follows.

Indicator	Status
Green, lit	The installation position is correct.
Red, lit	The "▷" marks on the sensor unit and the magnet unit are too far from each other. Re-attach the sensor unit and the magnet unit so that they point directly at each other and are no more than 25.4 mm (1 inch) apart.
Red, blinking	The sensor unit is out of range of the hub. Refer to the information on page 10.

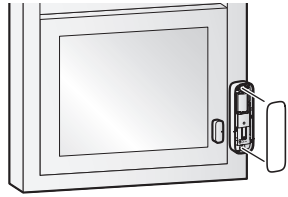
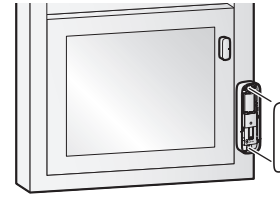
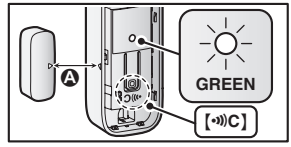
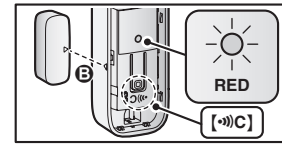
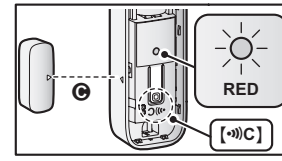
Note:

- Depending on the condition and material of the surface where the sensor unit and magnet unit are installed, the LED indicator may light in red even if the "▷" marks point directly at each other and are no more than 25.4 mm (1 inch) apart.

Example 1: Installed on the left of the window

Correct	Incorrect
	
Ⓐ "▷" marks point directly at each other and are within 25.4 mm (1 inch).	Ⓑ "▷" marks are not aligned. Magnet unit is too high/too low.
	
	Ⓒ "▷" marks are aligned but units are too far apart.
	

Example 2: Installed on the right of the window

Correct	Incorrect
	
Ⓐ "▷" marks point directly at each other and are within 25.4 mm (1 inch).	Ⓑ "▷" marks are not aligned. Magnet unit is too high/too low.
	
	Ⓒ "▷" marks are aligned but units are too far apart.
	

Installation

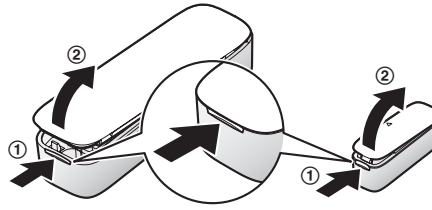
Install the window/door sensor in the same position where proper operation was confirmed (page 11). You can install the window/door sensor using screws or double-sided tape, depending on your preference or the material of the installation area.

Note:

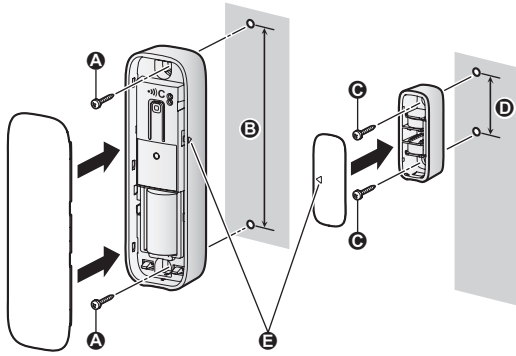
- When installing, make sure the battery is inserted properly and the sensor unit cover is completely closed.
- Use screws when installing on a wooden surface. Do not use double-sided tape.

Securing with screws

1 Remove the covers from each unit.
- Lift from the indented area (①) and open the sensor unit cover (②).



2 **Sensor unit:**
Attach the sensor unit.
Ⓐ Screws
Ⓑ 86.2 mm (3 25/64 inches)
Magnet unit:
Attach the magnet unit.
Ⓒ Screws
Ⓓ 24.4 mm (31/32 inches)



3 Attach the covers.

Important:

- Ⓔ Align the "▷" marks on the sensor unit and the magnet unit so that they point directly at each other and are no more than 25.4 mm (1 inch) apart.

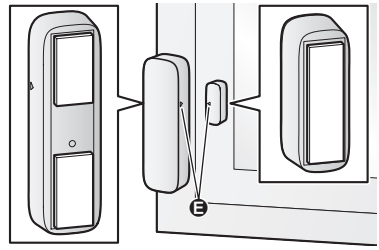
Securing with double-sided tape

Note:

- Make sure the surfaces of the sensor unit, magnet unit, and the installation area are clean and dry before applying double-sided tape.

1 Check that the sensor unit cover and magnet unit cover are attached.

2 Affix double-sided tape to the sensor unit and magnet unit.
- Make sure the tape covers the screw holes on the back of each unit.



3 Install the sensor unit and magnet unit.
- Press firmly on each unit to ensure solid adhesion to the installation surface.

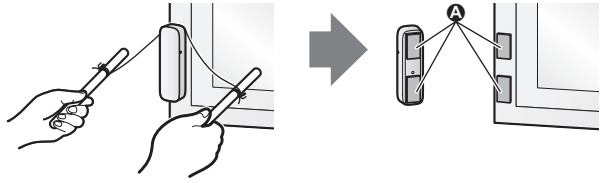
Important:

- Ⓔ Align the "▷" marks on the sensor unit and the magnet unit so that they point directly at each other and are no more than 25.4 mm (1 inch) apart.

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.
Ⓐ Excess tape



Testing the window/ door sensor

You can check the window/door sensor's LED indicator and test the performance of the window/door sensor.

1 Remove the sensor unit cover.

2 Press **[•))C]** on the sensor unit.

3 Open and close the window or door several times.
- Make sure that the LED indicator lights in green when you close the window or door.

4 Press **[•))C]** again.

Note:

- If the LED indicator lights in red when the window or door is closed, the window/door sensor is not installed properly. Re-evaluate the position of the sensor unit and magnet unit (page 11).

Features available when using the [Home Network] app

Some of the window/door 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 17).

– **Security system**
You can use the app to arm and disarm the security system, confirm the current status of the sensor, and view a log of previous security events.

– **Home control**
You can configure the window/door 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 window/door 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:

- You can also access the User's Guide at the web page listed below.

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

Specifications

- **Frequency range**
  DECT: 1.92 GHz – 1.93 GHz
- **RF transmission power**
  DECT: 115 mW (max.)
- **Power source**
  Lithium battery CR2 (1 × 3.0 V, 850 mAh)
- **Operating conditions**
  -10 °C – 40 °C (14 °F – 104 °F)
- **Battery life**
  Approx. 2 years (when window/door is opened and closed 10 times a day, in an environment of 25 °C (77 °F))
- **Dimensions**
  Sensor unit: Approx. 102 mm × 31 mm × 22 mm (4 inches × 1 7/32 inches × 7/8 inches)
  Magnet unit: Approx. 37 mm × 14 mm × 14 mm (1 15/32 inches × 9/16 inches × 9/16 inches)
- **Mass (weight)**
  Sensor unit: Approx. 39 g (0.09 lb), excluding the battery
  Magnet unit: Approx. 8 g (0.02 lb)

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 phone.

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 cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the cordless telephone 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.
- For body-worn operation, the handset must be used only with a non-metallic accessory. Use of other accessories may not ensure compliance with FCC RF exposure requirements.

Appendix

Notice:

- FCC ID can be found inside the sensor unit.

Customer services

Customer Services Directory (United States and Puerto Rico)

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

www.panasonic.com/support

or, contact us via the web at:

www.panasonic.com/contactinfo

You may also contact us directly at: 1-800-211-PANA (1-800-211-7262), Monday - Friday 9 am to 9 pm; Saturday - Sunday 10 am to 7 pm, EST.

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

Accessory Purchases (United States and Puerto Rico)

Purchase Parts, Accessories and Owner's Manual online for all Panasonic Products by visiting our Web Site at:

www.pstc.panasonic.com

or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:1-800-237-9080 (Fax Only)
(Monday - Friday 9 am to 9 pm, EST.)
Panasonic National Parts Center
20421 84th Avenue S., Kent, WA 98032
(We accept Visa, MasterCard, Discover Card, American Express.)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

Warranty (For United States and Puerto Rico)

Panasonic Home Network System Products Limited Warranty

Limited Warranty Coverage

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 ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (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.

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

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" Limited Warranty period, there will be no charge for parts. You must mail-in your product prepaid during the Limited Warranty period. This Limited Warranty excludes both parts and labor for batteries, antennas, and cosmetic parts (cabinet). This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new.

Mail-In Service--Online

Online Repair Request
To submit a new repair request and for quick repair status visit our Web Site at www.panasonic.com/repair

When shipping the unit carefully pack in a padded shipping carton, include all accessories, and send it prepaid. Include a letter detailing the complaint, a return address and provide a day time phone number where you can be reached. P.O. Boxes are not acceptable. Keep the tracking number for your records. A copy of valid registered receipt is required under the 1 year parts and labor Limited Warranty.

For Limited Warranty service for headsets if a headset is included with this product please follow instructions above.

IF REPAIR IS NEEDED DURING THE LIMITED 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.

Limited Warranty Limits And Exclusions

This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited 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, bug infestation, 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 LIMITED WARRANTY. (As examples, this excludes damages for lost time, lost calls or messages, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer. The items listed are not exclusive, but are 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 Limited 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 Limited Warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

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

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom.
- Send the unit to Panasonic Exchange Center, prepaid and adequately insured.
- Do not send your unit to Panasonic Corporation of North America listed on the back cover or to executive or regional sales offices. These locations do not repair consumer products.

IMPORTANT!

If your product is not working properly. . .

① **Use 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: www.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 unit) 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 para ventana/puerta
Modelo n° **KX-HNS101**

Gracias por adquirir un producto Panasonic.

Este documento explica como instalar el sensor para ventana/puerta de forma correcta.
Para obtener detalles sobre cómo usar el sistema, consulte la Guía del usuario (página 13).

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

Para obtener ayuda, visite nuestro sitio web: **www.panasonic.com/support** para clientes en los EE. UU. o Puerto Rico (solo en inglés).

Por favor, registre su producto: www.panasonic.com/prodreg

PNQX6699ZA

PNQX6699ZA CC0714WK0 (E)

Tabla de Contenido

Configuración

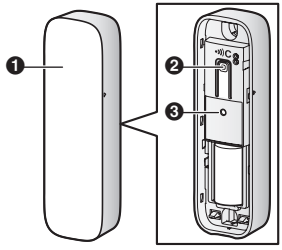
Nombres de los componentes y funciones 3
Acerca del Led indicador 3
Resumen de configuración 3
Insertar la pila 4
Registro del sensor para ventana/ puerta 4
Cambio de tipo de sensor 5
Alcance de la comunicación inalámbrica 5
Colocación temporal 6
Instalación 9

Apéndice

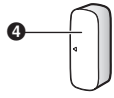
Prueba del sensor para ventana/ puerta 13
Acceso a la Guía del usuario 13

Nombres de los componentes y funciones

■ **Unidad del sensor**



■ **Unidad de imán**



❶ **Tapa de la unidad del sensor**
❷ **[•))C]**
Se usa para confirmar el estado del sensor o para registrar el sensor en el hub.
❸ **Led indicador**
❹ **Tapa de la unidad del imán**

Acerca del Led indicador

Puede oprimir **[•))C]** y verificar el Led indicador para confirmar el estado del sensor.

Indicador	Estado
Verde, encendido	La ventana/puerta está cerrada
Rojo, encendido	La ventana/puerta está abierta
Rojo, parpadeante	El sensor está fuera de alcance del hub
Verde, parpadeante	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 13).

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 pila**
El sensor para ventana/puerta usa pilas.

3 **Registro**
Solo se requiere si el sensor para ventana/puerta se compró 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.

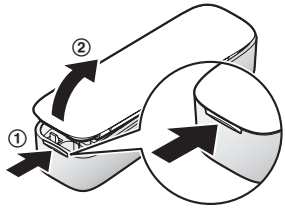
5 **Colocación temporal**
Coloque temporalmente el sensor para ventana/puerta en la ubicación deseada y confirme que funciona correctamente (página 6).

6 **Instalación**
Instale el sensor para ventana/puerta en la misma posición en la que se confirmó el funcionamiento correcto (página 9).

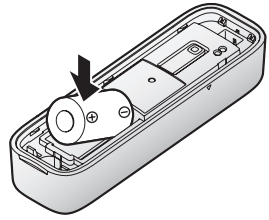
Insertar la pila

- USE SOLO pilas de litio CR2.
- Verifique las polaridades (⊕, ⊖).

1 Quite la tapa de la unidad del sensor.
- Levante del área concava (①) y abra la tapa de la unidad del sensor (②).



2 Inserte la pila.



3 Coloque la tapa de la unidad del sensor.

Registro del sensor para ventana/puerta

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

Antes de que pueda usar el sensor para ventana/puerta, se debe registrar 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 **[Red doméstico]**.

Uso de los botones de registro

1 **Hub:**
Oprima y mantenga oprimido **[(•))C OTHER DEVICE]** hasta que el Led indicador parpadee en verde.

2 **Sensor para ventana/puerta:**
Quite la tapa de la unidad del sensor y oprima y mantenga oprimido **[(•))C]** hasta que el Led indicador parpadee en verde (página 3).
- Cuando se ha completado el registro, el hub emitirá un pitido largo.

Nota:
- Para cancelar el registro, oprima **[(•))C]** en el hub y en el sensor para ventana/puerta.
- Si el registro falla, el hub emitirá varios pitidos cortos.

Uso de la aplicación

Cuando registra el sensor para ventana/puerta al usar la aplicación **[Red doméstico]**, puede asignarle un nombre a sus dispositivos y agruparlos por ubicación. Para obtener más información, consulte la Guía del usuario (página 13).

Cambio de tipo de sensor

Puede seleccionar si un sensor para ventana/puerta funciona como sensor para ventana o sensor para puerta. Para obtener más información, consulte la Guía del usuario (página 13).

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 para ventana/puerta oprimiendo **[•))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.

Colocación temporal

Antes de instalar el sensor para ventana/puerta, colóquelo temporalmente en la ubicación deseada y confirme que funciona correctamente presionando **[•))C]**.

Importante:

- Coloque la unidad del sensor en el marco exterior de la ventana o puerta, y la unidad de imán en el marco interior.
- Coloque ambas unidades de forma tal que las marcas " ▷" apunten la una a la otra y estén a 25.4 mm (1 pulgada) de distancia la una de la otra.
- El sensor para ventana/puerta no funcionará apropiadamente si las marcas " ▷" están muy separadas la una de la otra o si apuntan en la dirección incorrecta.

Verificación del funcionamiento correcto

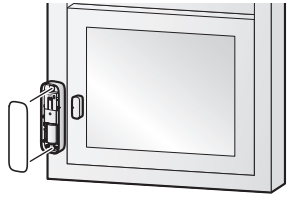
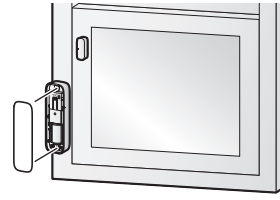
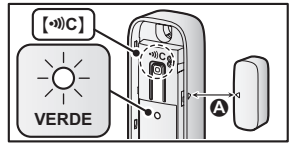
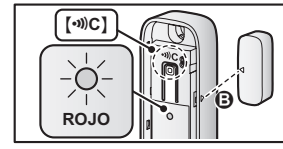
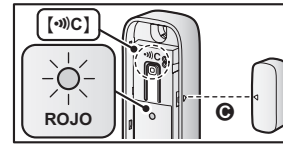
Después de colocar temporalmente el sensor para ventana/puerta en la ubicación deseada, oprima **[•))C]** mientras la ventana o puerta está cerrada. El Led indicador del sensor para ventana/puerta se ilumina de la siguiente manera.

Indicador	Estado
Verde, encendido	La posición de instalación es correcta.
Rojo, encendido	Las marcas " ▷" en la unidad del sensor y la unidad del imán están muy alejadas la una de la otra. Vuelva a colocar la unidad del sensor y la unidad del imán de forma tal que apunten la una a la otra y que estén a no más de 25.4 mm (1 pulgada) de distancia.
Rojo, parpadeante	La unidad del sensor está fuera de alcance del hub. Consulte la información en página 5.

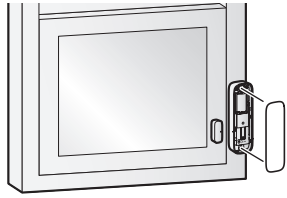
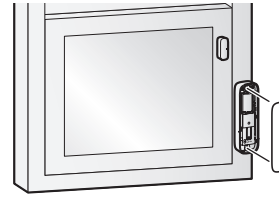
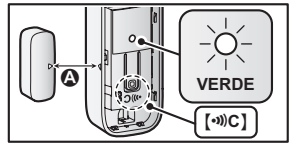
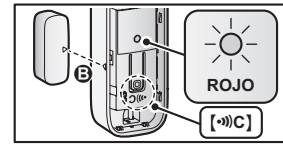
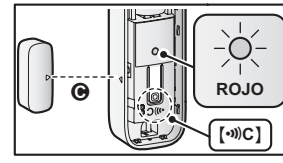
Nota:

- Dependiendo de las condiciones y del material de la superficie donde la unidad del sensor y la unidad del imán se instalaron, el Led indicador podría iluminarse en rojo aunque las marcas " ▷" apunten la una a la otra y estén a no más de 25.4 mm (1 pulgada) de distancia.

Ejemplo 1: Instalación a la izquierda de la ventana

Correcto	Incorrecto
	
Ⓐ Las marcas "▷" de ambas unidades apuntan la una a la otra y están a 25.4 mm (1 pulgada).	Ⓑ Las marcas "▷" no están alineadas. La unidad del imán está muy alta/muy baja.
	
	Ⓒ Las marcas "▷" están alineadas, pero las unidades están muy separadas.
	

Ejemplo 2: Instalación a la derecha de la ventana

Correcto	Incorrecto
	
Ⓐ Las marcas "▷" de ambas unidades apuntan la una a la otra y están a 25.4 mm (1 pulgada).	Ⓑ Las marcas "▷" no están alineadas. La unidad del imán está muy alta/muy baja.
	
	Ⓒ Las marcas "▷" están alineadas, pero las unidades están muy separadas.
	

Instalación

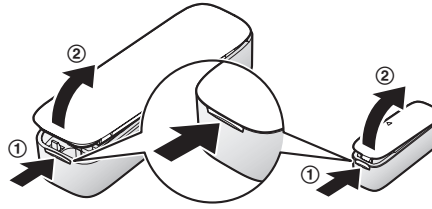
Instale el sensor para ventana/puerta en la misma posición donde se confirmó el funcionamiento correcto (página 6). Ahora puede instalar el sensor para ventana/puerta con tornillos o cinta adhesiva de doble cara, en función de su preferencia o del material del área de instalación.

Nota:

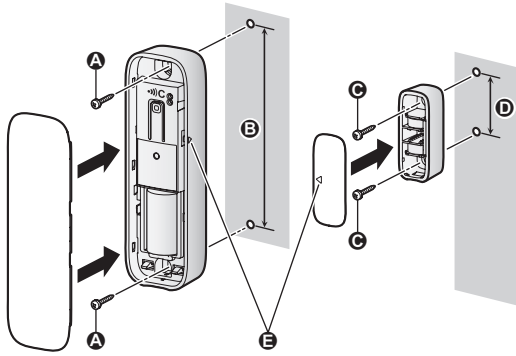
- Al instalar, asegúrese de que la batería esté colocada adecuadamente y que la tapa de la unidad del sensor esté cerrada por completo.
- Cuando instale en superficies de madera, use tornillos. No use cinta adhesiva de doble cara.

Ajuste con tornillos

1 Quite las tapas de cada unidad.
- Levante del área concava (①) y abra la tapa de la unidad del sensor (②).



2 **Unidad del sensor:**
Coloque la unidad del sensor.
Ⓐ Tornillos
Ⓑ 86.2 mm (3 25/64 pulgadas)
Unidad del imán:
Coloque la unidad del imán.
Ⓒ Tornillos
Ⓓ 24.4 mm (31/32 pulgadas)



3 Coloque las tapas.

Importante:

- Ⓔ Alinee las marcas "▷" en la unidad del sensor y en la unidad del imán de forma tal que se apunten la una a la otra y estén a no más de 25.4 mm (1 pulgada).

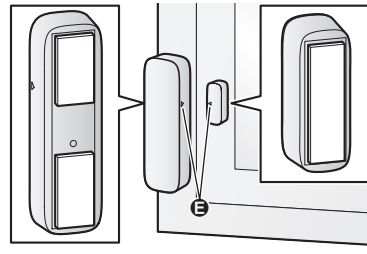
Ajuste con cinta adhesiva de doble cara

Nota:

- Asegúrese de que las superficies de la unidad del sensor, la unidad del imán y el área de instalación están limpias y secas antes de colocar la cinta adhesiva de doble cara.

1 Verifique que se hayan colocado la tapa de la unidad del sensor y la tapa de la unidad del imán.

2 Pegue la cinta adhesiva de doble cara a la unidad del sensor y la unidad del imán.
- Asegúrese de que la cinta cubra los hoyos de los tornillos en la parte posterior de cada unidad.



3 Instale la unidad del sensor y la unidad del imán.
- Presione con firmeza en cada unidad para asegurar una adhesión sólida a la superficie de instalación.

Importante:

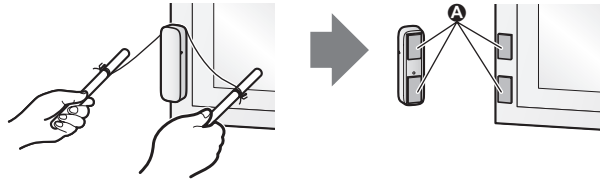
- E Alinee las marcas "▷" en la unidad del sensor y en la unidad del imán de forma tal que se apunten la una a la otra y estén a no más de 25.4 mm (1 pulgada).

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.

Ⓐ Exceso de cinta



Prueba del sensor para ventana/puerta

Puede observar el Led indicador del sensor para ventana/puerta y probar el funcionamiento del sensor para ventana/puerta.

1 Quite la tapa de la unidad del sensor.

2 Oprima **[•))C]** en la unidad del sensor.

3 Abra y cierre la ventana o puerta varias veces.
- Asegúrese de que el Led indicador se encienda en verde cuando cierra la ventana o puerta.

4 Presione **[•))C]** de nuevo.

Nota:

- Si el Led indicador se enciende en rojo cuando la ventana o la puerta está cerrada, el sensor para ventana/puerta no está bien instalado. Revalúe la posición de la unidad del sensor y la unidad del imán (página 6).

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 **[Red doméstico]**.

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:

- También puede acceder a la Guía del usuario mediante la página web a continuación.

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

Notas