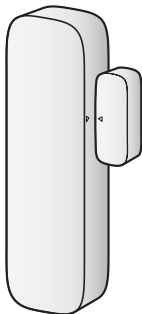


Panasonic[®]

Installation Guide

Wireless Window/Door Sensor

Model No. **KX-HNS101**



Thank you for purchasing a Panasonic product.

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

For assistance, visit our Web site: <http://www.panasonic.com/help>
for customers in the U.S.A. or Puerto Rico.

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

Installation

- When opening holes in walls for installation or wiring, or when securing the power cable, make sure you do not damage existing wiring and ductwork.

Operating safeguards

- Do not disassemble the product.
- Never put metal objects inside the product. If metal objects enter the product, turn off the circuit breaker and contact an authorized service center.
- Do not place the product in a microwave or on an electromagnetic cooking appliance. There is a risk of overheating, smoke, fire, and rupturing.

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. Wi-Fi features operate between 2.412 GHz and

2.462 GHz with a peak transmission power of 100 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.

CAUTION

Installation and location

- Do not place credit cards or other objects sensitive to magnetic fields near the magnet. The magnetic field could cause the object to be unusable.

Preventing accidents and injuries

- Be careful not to pinch fingers when opening and closing doors and windows.

Battery

- Use only the battery specified.
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.
- 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.
- Do not recharge, apply heat, disassemble, or place in fire.

- Do not touch metal or other objects to the battery terminals.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used battery according to local regulations.
- If electrolyte leaks from the battery, do not touch the electrolyte or allow it to come into contact with the eyes. Electrolyte that has leaked from a battery can cause blindness if it enters the eyes. If electrolyte enters the eyes, do not rub the eyes. Flush them with clean water immediately and seek medical attention.
- If electrolyte comes into contact with your hands or clothes, wash it off thoroughly with water.
- 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.
- 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.
- Insert the terminals of the battery correctly. There is a risk of overheating, burns, and electrolyte leakage if the battery is inserted incorrectly.
- 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.

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.

SAVE THESE INSTRUCTIONS

For best performance

Base unit location/avoiding noise

The base unit and other compatible Panasonic units use radio waves to communicate with each other.

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.
- 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

Installation

temperature is less than 0 °C (32 °F)
or greater than 40 °C (104 °F).
Damp basements should also be
avoided.

Routine care

- Wipe the outer surface of the product with a soft moist cloth.
- Do not use benzine, thinner, or any abrasive powder.

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。

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:

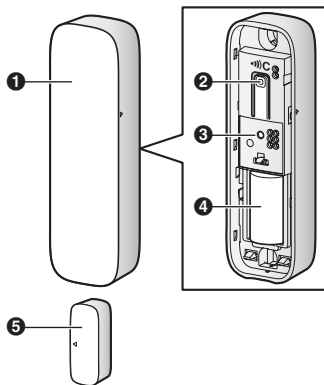
- This product complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- To comply with FCC RF exposure requirements, the base unit must be installed and operated 20 cm (8 inches) or more between the product and all person's body.
- This product may not be collocated or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

Notice:

Installation

- FCC ID can be found inside the battery compartment or on the bottom of the units.

Physical features



- 1 Top cover (main unit)
- 2 Status light
- 3 Registration button
- 4 Battery (CR2)
- 5 Magnetic case

Installation

In the following example, the unit is installed on a door.

Securing with screws

- 1 Remove the top cover and the magnetic case cover.
- 2 Use screws to attach the main unit and the magnetic case.
- 3 Close the top cover and the magnetic case cover.

Securing with double-sided tape

- 1 Attach the tape to the main unit and to the magnet.

- 2 Attach the main unit and the magnetic case.

Specifications

- **Frequency range**
DECT:
 1.92 GHz–1.93 GHz
Wi-Fi:
 2.412 GHz–2.462 GHz (channels 1–11)
- **Operating conditions**
 -20 °C–50 °C (-4 °F–122°F)
 20%–80% relative air humidity (dry)
- **Alert tone volume**
 High alert level: approx. 75 dB
 Low alert level: approx. 55 dB
 (measured approx. 1 m (3.3 ft.) in front of the center of the unit)
- **Battery life**
 Approx. 1 year (when window is opened and closed 10 times per day, alert level is set to low)

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Printed in China