Ecolink WST-232

Ecolink WST-232 Wireless Home Security Door Window Sensor User Manual

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Ecolink WST-232 Wireless Home Security Door Window Sensor. This device is designed to enhance the security of your home by detecting the opening and closing of doors and windows. It is compatible with Honeywell 5800 Wireless and 2GIG security systems.

Important Safety Information

- Read all instructions carefully before installation and use.
- Do not attempt to repair or modify the sensor. Refer all servicing to qualified personnel.
- Keep batteries out of reach of children. Dispose of used batteries properly according to local regulations.
- Ensure the sensor is installed in a location where it will not be exposed to extreme temperatures or moisture.

Package Contents

Verify that all items are present in the package:

- Ecolink WST-232 Wireless Door/Window Sensor (Main Unit)
- Magnet (for contact detection)
- Mounting Hardware (screws, adhesive tape)
- Interchangeable Brown Case
- User Manual (this document)

Product Overview

The Ecolink WST-232 is a compact wireless sensor designed for monitoring the open/closed status of

doors and windows. It features an internal reed switch for standard magnetic contact detection and an external contact input for connecting wired devices.

Wireless Door / Window Contact
With External Contact Input

Image: Ecolink WST-232 Wireless Door/Window Sensor showing the main unit and the external contact wires.

Key Components:

- **Main Sensor Unit:** Contains the battery, wireless transmitter, and internal reed switch.
- **Magnet:** Triggers the internal reed switch when separated from the main unit.
- **External Contact Input:** Two wires (typically red and black) for connecting an external wired contact.
- **Battery Compartment:** Located on the back of the main unit.

SETUP AND INSTALLATION

1. Battery Installation

1. Open the sensor casing by gently prying it open from the side notch.
2. Insert the CR2032 lithium battery, ensuring the positive (+) side faces up.
3. Close the sensor casing securely.

2. Enrolling the Sensor with Your Security Panel

The WST-232 sensor is compatible with Honeywell 5800 Wireless and 2GIG security systems. Refer to your security panel's manual for specific enrollment procedures. General steps are as follows:

1. Put your security panel into programming mode for adding new wireless zones.

2. Activate the sensor by separating the magnet from the main unit, or by connecting/disconnecting the external contact wires. This sends a signal to the panel.

3. Confirm the sensor's serial number is learned by the panel.

4. Assign the sensor to an appropriate zone type (e.g., "Entry/Exit," "Perimeter").

5. Exit programming mode on your panel.

3. Mounting the Sensor

Choose a suitable location on your door or window frame. The sensor and magnet should be mounted within 0.5 inches (1.27 cm) of each other when the door/window is closed.

Image: Ecolink WST-232 sensor components including the main unit, magnet, and mounting screws.

Using Screws:

1. Position the main sensor unit on the stationary frame and the magnet on the moving part (door/window).

2. Mark the screw holes.

3. Drill pilot holes if necessary.

4. Secure both the sensor and magnet with the provided screws.

Using Adhesive Tape (not recommended for long-term security):

1. Clean the mounting surfaces thoroughly.

2. Apply adhesive tape to the back of the sensor and magnet.

3. Press firmly onto the desired surfaces for at least 30 seconds.

4. External Contact Input

The WST-232 includes an external contact input for integrating other wired devices, such as recessed door contacts or pressure mats. Connect the two wires from your external device to the red and black wires of the WST-232 sensor. The sensor will transmit a signal when the external contact opens or closes.

OPERATING THE SENSOR

Once installed and enrolled, the Ecolink WST-232 sensor operates automatically. When the door or window it is monitoring opens, separating the magnet from the main unit (or opening the external contact), the sensor will transmit a signal to your security panel. This signal indicates an "open" state. When the door or window closes, bringing the magnet back into proximity (or closing the external contact), the sensor transmits a "closed" state signal.

Your security panel will then react according to its programming (e.g., trigger an alarm if the system is armed, log the event).

MAINTENANCE

Battery Replacement

The sensor uses one CR2032 lithium battery. When the battery level is low, your security panel will typically display a low battery warning for the corresponding zone. To replace the battery:

1. Put your security panel into disarm or test mode to prevent false alarms.

2. Gently open the sensor casing.

3. Remove the old CR2032 battery.

4. Insert a new CR2032 battery, ensuring correct polarity (+ side up).

5. Close the sensor casing securely.

6. Test the sensor to ensure it communicates with the panel.

Cleaning

Clean the sensor and magnet with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the device.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Sensor not enrolling with panel.	Incorrect panel programming mode; sensor not activated; battery low/dead.	Ensure panel is in correct enrollment mode. Activate sensor multiple times. Replace battery. Check panel manual for specific steps.
Sensor not detecting open/close.	Magnet too far from sensor; incorrect mounting; dead battery.	Verify magnet is within 0.5 inches of the sensor. Re-mount if necessary. Replace battery.
External contact not working.	Incorrect wiring; faulty external device.	Check wiring connections to the WST-232. Test the external device independently.
Low battery warning on panel.	Battery is nearing end of life.	Replace the CR2032 battery as soon as possible.
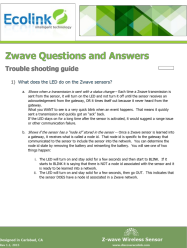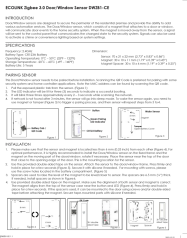
SPECIFICATIONS

- **Model:** WST-232
- **Compatibility:** Honeywell 5800 Wireless, 2GIG
- **Dimensions:** 3 x 1.7 x 1 inches (approximate)
- **Battery:** 1 x CR2032 Lithium Coin Cell
- **Operating Frequency:** 345 MHz
- **Manufacturer:** Ecolink Intelligent Technology Inc
- **UPC:** 657479755391

WARRANTY AND TECHNICAL SUPPORT

For warranty information and technical assistance, please refer to the official Ecolink website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

Ecolink Website: www.ecolink.com

Related Documents - WST-232

	Ecolink Z-Wave Sensor Troubleshooting Guide Comprehensive troubleshooting guide for Ecolink Z-Wave sensors, covering LED indicators, gateway pairing issues, sensor resets, external contacts, and battery specifications. Learn how to resolve common Z-Wave connectivity problems.
	Ecolink ClearSky Chime + Siren CS-902 Setup Guide Setup guide for the Ecolink ClearSky Chime + Siren (Model CS-902), detailing pairing, sound effect configuration, and specifications. Learn how to install and use your smart home chime and siren.
	ECOLINK Zigbee 3.0 Door/Window Sensor DWZB1-CE User Manual User manual for the ECOLINK Zigbee 3.0 Door/Window Sensor DWZB1-CE, detailing its specifications, installation, operation, pairing, troubleshooting, and FCC compliance.
	Ecolink Z-Wave Plus Smart Switch Dual Rocker Installation Guide Comprehensive installation guide for the Ecolink Z-Wave Plus Smart Switch Dual Rocker (DDLS2-ZWAVE5). Covers product overview, features, specifications, installation steps, network inclusion/exclusion, LED status, and technical compliance information.
	Ecolink FireFighter Smoke/CO Alarm Monitor: Smart Home Safety Notification Learn about the Ecolink FireFighter, a smart sensor that monitors existing smoke and CO alarms, sending notifications to your home automation system for enhanced safety.
	Ecolink TBZ500 Battery Powered Z-Wave Thermostat Installation and Operation Guide This guide provides comprehensive instructions for installing, configuring, and operating the Ecolink TBZ500 Battery Powered Z-Wave Thermostat. It covers wiring, system setup for various HVAC types, Z-Wave network integration, advanced settings, and troubleshooting.

Documents - Ecolink – WST-232

[pdf] User Manual Instructions Specifications

Quinto Ecolink WST 232 Wireless Contact with External Input Manual advancedsecurityllc 2018 12

Installation Instructions Security Product Manuals Advanced LLC InstructionsEcolink LLCEcolink

LLCadvancedsecurityllc Manualadvancedsecurityllc srsltid AfmBOoqq0azoeiOqx32h

yvatoicznNgeq3HANjdZVhPJuUU3T2bM127advancedsecurityllc InstructionsWST InstructionsEnrolling

To enroll the sensor set your panel into program mode refer to specific alarm manual for details on these

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9j2PN1mZ992W47rGjFODoQdmV7e9I5NlTYRlPK1H7ZpVyUadvancedsecurityllc |||

WST-232 Wireless Contact with External Input Installation Instructions Specifications
Frequency: 345MHz Operating Temperature: 32-120F 0-49C Battery: One 3Vdc
lithium coin cell CR2032 225 mAh Operating Humidity: 5-95 RH non condensing
Battery life: 5-8 years Compatible with Honeywell and ...

lang:en score:46 filesize: 223.55 K page_count: 2 document date: 2016-04-14

[pdf] User Manual Specifications

Microsoft Word WST 232 manual docx Admin User Manual Ecolink Intelligent Technology Inc WST232

WIRELESS SENSOR XQC XQCWST232 wst232

WST-232 Wireless Contact Specifications Frequency: 345MHz Battery: 3V lithium
CR2032 Battery life: 5-8 years Magnet gap: 5/8th inch max Operating Temperature:
32-120F 0-49C Operating Humidity: 5-95 RH non condensing Compatible with
Honeywell receivers Supervisory signal interval: 60 min approx....

lang:en score:42 filesize: 63.64 K page_count: 2 document date: 2015-02-02

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Microsoft Word WST 232 MANUAL R1 00 docx Wireless Contact with External Input Installation Instructions Specifications Frequency 345MHz Operating Temperature 32° 120°F 0° 49°C Battery One 3Vdc lithium coin cell CR2032 discoverecolink 2019 12

WST-232 Wireless Contact with External Input Installation Instructions Specifications Frequency: 345MHz Operating Temperature: 32-120F 0-49C Battery: One 3Vdc lithium coin cell CR2032 225 mAh Operating Humidity: 5-95 RH non condensing Battery life: 5-8 years Compatible with Honeywell and ...

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WST-232 Wireless Contact with External Input Installation Instructions Specifications Frequency: 345MHz Battery: 3V lithium CR2032 Battery life: 5-8 years Magnet gap: 5/8th inch max Normally Closed external contact input Operating Temperature: 32-120F 0-49C Operating Humidity: 5-95 RH non conde...

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6 Quinto Microsoft WST 232 Wireless Contact with External Input EcolinkEnrolling To enroll the sensor set your panel into program mode refer to specific alarm manual for details on theseWST Rev C3 R2 10 2024 11 1discoverecolink 1 |||

WST-232 Wireless Contact with External Input Installation Instructions Specifications Frequency: 345MHz Battery: 3V lithium CR2032 Battery life: 5-8 years Magnet gap: 5/8th inch max Normally Closed external contact input Operating Temperature: 32 - 120 F 0 -49 C Operating Humidity: 5-95 RH n...

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[pdf] Installation Guide Borchure

WST 742 Brochure ESX Ecolink Product sheet draft status 040122 discoverecolink ||| Professional Security Motion Sensor WST-742 Ecolink Wireless PIR Motion Sensor with Pet Immunity Des ... ily replaceable CR-123 battery Compatible with / recommended products: WST-222 Recessed Door Sensor **WST-232** Door / Window Sensor WST-242 Oudoor Door / Gate Sensor WST-302 Shock Sensor WST-402 Tilt Sen...

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[pdf] Installation Guide

WST 742 Ecolink Motion Sensor Productsheet en US 27 03 2023 discoverecolink ||| Professional Security Motion Sensor WST-742 Ecolink Wireless PIR Motion Sensor with Pet Immunity Des ... ceable CR-123 battery Compatible with / recommended products: WST-222 Recessed Door / Window Sensor **WST-232** Door / Window Sensor WST-242 Oudoor Door / Gate Sensor WST-302 Shock Sensor WST-402 Tilt Sen...

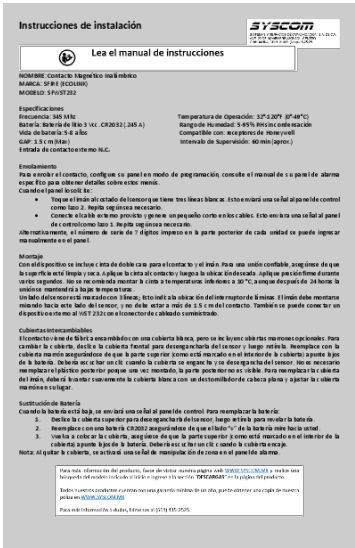lang:en score:23 filesize: 433.03 K page_count: 2 document date: 2023-03-27

[pdf] User Manual

Microsoft Word SFWST232 Manual E EC1 2879 S Fire Kit Sensor de Movimiento KIT RF SFIRE 1 Cyberpuerta mx 608c084500ded cdn cyberpuerta storage articles multimedia 608 c08 450 ||| Instrucciones de instalacin NOMBRE: Contacto Magntico Inalmbrico MARCA: SFIRE ECOLINK MODELO: SFWST232 Especificaciones Frecuencia: 345 Mhz Batera: Batera de litio 3 Vcc. CR2032 .245 A Vida de batera: 5-8 aos GAP: 1.5 cm Max Entrada de contacto externo N.C. Temperatura de Operacin: 32-120F ...
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Product Brochures Ecolink Wireless Security Products Catalog 2022 discoverecolink ||| Z-WAVE Plus Products Compatible with Samsung SmartThings, Vera and HomeSeer ZigBee Products Compatib ... Ask about our Black covers in convenient packs of 50 units. TX-E201 Wireless Door/Window Sensor - **WST-232** U p to 5-year battery life, CR2032 replaceable lithium battery. T hin design, strong rare ...
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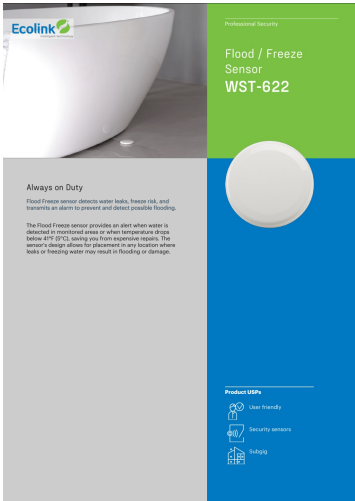
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Ecolink Wireless Security Products Catalog

Explore Ecolink's comprehensive range of wireless security products, including door/window sensors, motion detectors, garage door sensors, keyfobs, and smart home devices. Featuring Z-Wave and other protocols for enhanced home automation and security.

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Wireless Security Products 319.5 Mhz Wireless Protocol Compatible with Qolsys/GE and Interlogix Cont ... year battery life Replaceable lithium battery CR2 1.0 magnet gap Wireless Door/Window Sensor - **WST-232** Optimal range performance External contact input 5 year battery life WST-222 Wireless Sh...

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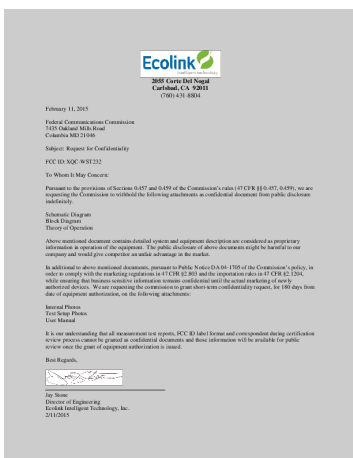
[pdf] Confidentiality Request Letter

Microsoft Word WST 232 FCC Confidentiality updated language doc Admin Ecolink Intelligent Technology Inc WST232 WIRELESS SENSOR XQC XQCWST232 wst232

2055 Corte Del Nogal Carlsbad, CA 92011 760 431-8804 February 11, 2015 Federal Communications Commission 7435 Oakland Mills Road Columbia MD 21046 Subject: Request for Confidentiality FCC ID: XQC-WST232 To Whom It May Concern: Pursuant to the provisions of Sections 0.457 and 0.459 of the Commissio...

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[pdf] Catalog

FINAL Security Catalog 2024 discoverecolink |||
DOOR WINDOW DOOR WINDOW BROWN/WHITE COVERS Up to 5-year battery life, CR2032 replaceable lith ... Control 433 Mhz Wireless Protocol Compatible with DSC/Tyco Control sales discoverecolink.com N/A **WST-232** TX-E231 DOOR WINDOW WITH EXTERNAL CONTACT U p to 5-year battery life, CR2032 replaceable ...

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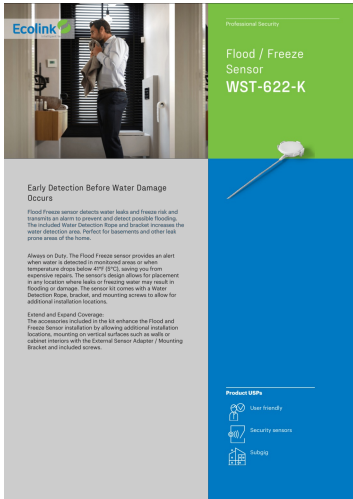
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Professional Security Flood / Freeze Sensor WST-622-K Early Detection Before Water Damage Occurs Flo ... her to further extend the detection area s . Compatible with / recommended products: WST-102 Keyfob **WST-232** Door / Window Sensor WST-242 Oudoor Door / Gate Sensor WST-742 Motion Sensor Specifications...

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