WT00Z5-1
3-WAY WALL MOUNT ACCESSORY DIMMER SWITCH

The GoControl™ family of Z-Wave® certified wireless Lighting Products (smart LED fixtures, bulbs, switches, dimmers, outlets and plug-in modules) Control Products (thermostats, irrigation controller and garage door controller) and Sensors (flood, leak, alert, sounder, motion sensor and door/window sensor) bring a new level of intelligent wireless Home Automation capability to commercial and residential environments.

The Z-Wave wireless protocol is an international wireless standard for remote home automation, security and other applications. This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

The WT00Z5-1 Wall Mount Accessory Dimmer Switch allows remote ON/OFF control and dimming of lights controlled by associated Z-Wave modules, creating virtual 3-way switches. The WT00Z5S-1 controls no load directly, so it must be wired anywhere power is available, without the need for a traveler wire.

GoControl Z-Wave products are easy to install, are Z-Wave certified, and allow dealers to create an integrated wireless network with nearly limitless expansion and interoperability with security, energy management, home entertainment, appliances, and more.

DANGER! SHOCK HAZARD. Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. It is recommended that a qualified electrician perform this installation. For indoor use only. Retain instructions for future use.

Z-WAVE PLUS FEATURES

The WT00Z5S-1 contains a Z-Wave 500 Series Module that supports Z-Wave Plus® features. A Z-Wave certified portable or stationary Controller can communicate with the Z-Wave 500 Series Modules. Depending on the capability of the Controller or gateway software, the following operations can be performed with the WT00Z5S-1. Refer to the Controller or gateway manual for details:

- Turn the Associated device ON and OFF.
- Dim the Associated device.
- Assign the WT00Z5S-1 to a specific Group/Scene and/or to include the Associated device as part of ALL ON or ALL OFF system commands.
- Lifeline function which automatically notifies the Associated modules and the network that a manually reset device is no longer in the network, thus, the corresponding Association becomes invalid.

INSTALLATION

Wire this switch in place of a current wall switch according to the diagram above.

✓ CAUTION! Do not wire unit “live” (with power on the circuit).

Adding to a network:

Refer to your Controller operating instructions for details. To add this switch under the command of the Wireless Controller:

1. With your Controller in Discovery or Add Mode, tap the switch. The LED will blink slowly when in ADD Mode.
2. You should see an indication on your Controller that the “device was added” of Switch Paddle.
3. The device will appear in the list of Switches. It should display as a switch.

To Reset Unit (If Required):

In the event that your primary Controller is lost or otherwise inoperable, to reset the WT00Z5S-1 and clear all network information, follow these steps:

1. Tap the top of the switch five (5) times.
2. Press and hold the bottom of the switch for 15 seconds. The LED will increasingly blink faster to indicate that a Reset is taking place.

Removing from a network:

The WT00Z5S-1 can be removed from the network by the Controller/Gateway. Refer to the Controller operating instructions for details.

1. Set the Controller into Removal Mode and follow its instruction to delete the WT00Z5S-1 from the Controller.
2. Remove the switch by tapping the paddle 2 times. The LED will begin blinking slowly for 10 seconds indicating that it has been removed.

3. You should see an indication on your Controller that the “device was removed” from the network.

NOTE:

This unit must be added to the Network only where it will be permanently installed. The proper operation of this node in the mesh network is dependent on it knowing its location with respect to other nodes. You cannot “test bench” configure this unit, then install.

Mesh network is dependent on it knowing its location with respect to other nodes. You cannot “test bench” configure this unit, then install.

This unit must be added to the Network and interoperability with security, energy management, home entertainment, dealers to create an integrated wireless network with nearly limitless expansion.
BASIC OPERATION

Switches
- Turn the Associated devices on or off.
- Tap the bottom of switch turns the Associated device ON.
- Tap the bottom of switch turns the Associated device OFF.

Dimmers
- The paddle on the WT00Z5-1 allows the user to:
  - Dim the Associated devices.
  - Press and Hold the top of switch to increase the intensity of the Associated device.
  - Press and Hold the bottom of switch to decrease the intensity of the Associated device.

CONFIGURATION

The WT00Z5-1 supports the Configuration command.

The WT00Z5-1 simulates the operation of a dimmer. Using configuration commands you can adjust the dimming parameters as though it were a dimmer. The WT00Z5-1 can be configured to operate slightly differently than how it works when you first install it. Using the configuration command you can change operational characteristics.

Night Light
By default, the LED on the WT00Z5-1 will turn OFF when the Associated device is turned OFF. To turn the LED ON when the Associated device is turned ON, set Parameter 3 to a value of 1.

Setting Instep Switch
To change the top of the switch to OFF and the bottom of the switch ON, set Parameter 4 to a value of 1.

Ignored Start Level When Transmitting Dim Commands

The WT00Z5-1 can send Dim commands to Associated Z-Wave enabled dimmers. The Dim command has a start level embedded in it.

By default, the WT00Z5-1 sends a command so the Associated device will start dimming from its current dim level. However, a parameter can be set so that the WT00Z5-1 sends a command to the Associated device to start dimming from the command's level.

To send the start level from the WT00Z5-1, set Parameter 5 to 0.

NOTE: GoControl Z-Wave enabled dimmers have the configuration option to ignore the start level; no matter how you configure the WT00Z5-1.

Over-the-Air (OTA) Update

A Quadpaddle tap of the switch enables the firmware update mode. Firmware update mode must be entered before the system Controller sends the firmware update command to begin downloading new firmware. Firmware update mode is enabled for 60 seconds after the quad paddle tap. The firmware update does not begin before the end of 60 seconds from firmware update mode is exited returns to normal operation. The LED #7 twice per second indicating it is in firmware update mode.

Resetting to Defaults
Each configuration parameter can be set back to its default setting by setting the default in the Configuration Set command. See your Controller's instructions on how to do this (and if it supports it). All configuration commands will be reset to their default state when the WT00Z5-1 is excluded from the Z-Wave network by the Controller using the reset node.

SPECIFICATIONS

Power: 120 VAC, 60 Hz
Signal (Frequency): 508-42 MHz / 916 MHz
Maximum Load: 1 Byte

REGULATORY 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.

FCC Notice

Wireless transmitter/ receiver used on this device is not intended for use with Nortek Security & Control products, and cannot be used without the approval of the US Federal Communications Commission (FCC) or similar authority in other countries.

IC Notice

This device is an Out of Band device, and not required to be certified by Industry Canada. However, there are some limitations which must be observed.

NOTICES

A limited warranty applies to products manufactured and sold by Sigma Designs and its subsidiaries in the United States and Canada.

WARRANTY

What is Covered?

Nortek Security & Control (“NS&C”) warrants to consumers who purchase this product for personal, family or household use that the product is free from defects in material and workmanship for a period of three years from the date of purchase. This warranty only applies if the product is installed as a security system in a house or other similar environment.

What is Not Covered?

This warranty does not cover defects or damages caused by improper handling, maintenance, storage, installation, installation, maintenance, installation, storage, installation, maintenance, installation, storage, or replacement of batteries, accessories, or software products. It does not cover damages or defects caused by acts of nature, including fire, flood, or other similar events. This warranty does not cover damages or defects caused by improper installation, use, or misuse of the product. This warranty does not cover damages or defects caused by improper installation, use, or misuse of the product. This warranty does not cover damages or defects caused by improper installation, use, or misuse of the product.

How do I Obtain Warranty Service?

To obtain warranty service, please contact your retailer or distributor directly. If you cannot obtain warranty service from your retailer or distributor, you may contact NS&C at the following address:

WHAT IF I NEED SERVICE?

If you need service, please contact your retailer or distributor directly. If you cannot obtain warranty service from your retailer or distributor, you may contact NS&C at the following address:

LIMITATIONS

THE DISCLAIMER OF ANY IMPLIED WARRANTY, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXCLUDE THE IMPLIED WARRANTY OF NON-INFRINGEMENT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

MISCELLANEOUS PROVISIONS

This warranty gives you specific legal rights, and you may have other legal rights which vary from State to State. IMPORTANT!!!

Radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed:

- FCC installation rules: The device is required to comply with FCC Rules and Regulations and to have devices approved by the FCC. Devices approved by the FCC are required to comply with FCC rules.
- Interference: No device shall cause interference to other FCC devices unless instructed by the FCC. Devices approved by the FCC are required to comply with FCC rules.
- Power management: Devices approved by the FCC are required to comply with FCC rules.
- Changes or modifications: The device may not be modified.
- New devices shall be required to comply with FCC rules.
- Technical interference: Interference is not required to be limited to protect against any interference caused by the device.
- FCC rules: Devices approved by the FCC are required to comply with FCC rules.