

FEATURES

- Provides remote RF wireless or manual control of ON/OFF and dimming of any single or 3-way light circuit connected (requires other 3-way switch be replaced with an AS101 auxiliary switch).
- Replaces current wall switch, and can add 3-way capability.
- Each ZDW103 Wall Mounted Dimmer functions as an automatic repeater to other HomePro Modules to ensure full home coverage of the RF signal.
- Supports the Powerlevel command which allows controllers to set and get the RF transmit power level of a node and test specific links between nodes with specific RF transmit power (routinely used by installers).
- ZDW103 can be "associated" with up to 15 other Z-wave devices (5 of which do not have to be in direct range)
- Has automatic Static Update Controller (SUC) capability. A Static Controller is one that is not moved after its addition to the network. The Static Controller can act as a gateway in the system, since other nodes always know its position. The "always listening" advantage of the Static Controller is that other nodes can transmit information frames to it whenever needed.
- Can configure to Control Shades or Window Coverings via Z-Wave network.



APPLICATIONS

SAFETY AND SECURITY

- **ALL ON/ALL OFF** - With a ZTH100 Wireless Controller you can turn all controlled lights on or off with the touch of one button in case you hear noises in the night.

COMFORT AND CONVENIENCE

- The **Wall Mounted Dimmer** (or other Wireless modules) can be operated by your Wireless Controller to adjust lights regardless of whether you're in the kitchen, lying on the sofa or on your way out the door.
- **Grouping** activates several, or all wireless modules (and their connected lights), by the push of one button on the Wireless Controller. No more wandering from lamp to lamp when you come home to turn on the lights, or when you're on your way to bed.
- **Dimming** the lights with HomePro saves on electric bills, in addition to creating pleasant lighting levels.
- **Scenes** - HomePro RF Modules allow connected lighting to respond to **Scene** settings. The Wireless Controller can be programmed to control different lighting loads at preset light levels. Then, with the push of a button, select "dinner scene", "watch TV scene", "evening scene", or whatever lighting level combination you choose.
- The **Timer** feature of the Wireless Controller lets you set any HomePro RF Module (and connected lights) to turn on at preset times.

PRODUCT DESCRIPTION

This Wall Mounted Dimmer Receiver can be easily installed to directly or remotely control the on/off and dimming of any connected incandescent lighting or control a motorized window shade or blind. Three way control is possible with an AS101 auxiliary switch

It can be controlled remotely from a HomePro Wireless Controller. After being identified to the Wireless Controller, lamps can then be dimmed, turned on and off in groups, or individually, from the Wireless Controller.

An "All Lights On" command can be broadcast from the HomePro Wireless Controller for secu-

rity reasons, and with the "Timer" feature, lights controlled by the Dimmer, and other HomePro RF modules can be scheduled to turn on and off at pre-selected times.

Pushing one of six buttons on the Wireless Controller can select predetermined "scene" lighting levels programmed by the homeowner at each dimmer or other wireless module.

HomePro products utilize radio frequency (RF) Z-Wave™ technology to communicate and inter-operate, and are compatible with other Z-Wave™ enabled RF products. See specifications of the ZTH100 Wireless Controller for details.

ORDERING INFORMATION

Specify: **ZDW103I** (Ivory) - 120 VAC, Wall Mounted Dimmer Switch
ZDW103W (White) - 120 VAC, Wall Mounted Dimmer Switch
ZDW103A (Almond) - 120 VAC, Wall Mounted Dimmer Switch

SPECIFICATIONS

Electrical

Power	120 VAC, 60 Hz
Signal (Frequency)	908.42 MHz
Maximum Load	800W, for control of permanently installed incandescent lamp fixtures only (600W if dual ganged, 500W if triple ganged).
Range	Up to 100 feet line of sight between the Wireless Controller and /or the closest HomePro Receiver. Receivers however, relay the signal to the next closest receiver, creating an RF network.
Fuses	Thermal software fuse plus secondary factory replaceable only fuse.
Disconnect	Load Disconnect or Air Gap Switch on face disconnects load for service

Mechanical

Dimensions	2.4"W (6.096cm) x 4.25"H (10.795cm) x 1.6"D (4.064cm).
Weight	5 oz. (142 grams)
Mounting	Mounting plate for 2" x 4" electrical junction box
Connections	Flying Leads: BLACK (Line) -16 AWG, BLUE (Load) -16 AWG, WHITE (Neutral) -18 AWG, GREEN (Ground) -18 AWG, YELLOW, (AS101 runner) -18 AWG, BROWN (not used) -18 AWG.

Environmental

Operating Temperature Range	32-105° F (0-40° C). Indoor use only
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Specifications may change without notice to improve product performance.



ABOUT ZDW103'S CERTIFICATION

The ZDW103 has been thoroughly tested by the ETL SEMKO division of Intertek, a nationally recognized testing laboratory. This product was found to be in compliance with safety standards ANSI/UL STD 1472 and CAN/CSA C22.2 No. 184.1.

In addition to compliance with product safety standards, the ZDW103 is also certified to comply with applicable FCC and IC rules and regulations governing RF and EMI emissions.

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.

