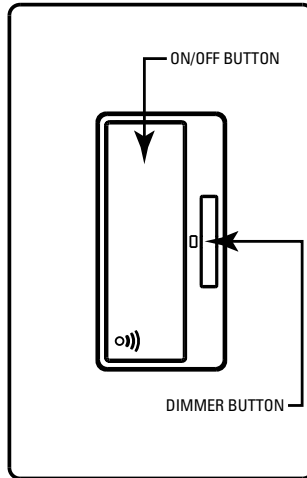




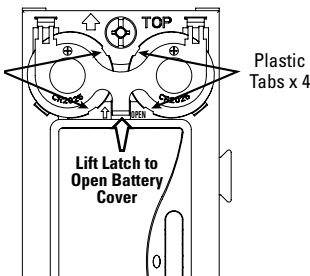
Battery Operated Switch ZWL-APS User Guide

A Step-by-Step Guide for Installing and Operating the Battery Operated Switch



Decorater Look

The ZWL-APS is a battery-operated wireless device that operates as an accessory in a Z-Wave network. It will control associated dimmers or switches and their lighting loads. You can create a 3-way where a second location is not currently available without having to add new electrical wiring. This product works with other Z-Wave products from different vendors and product categories as part of the same network. This product is not a listening node as it is a battery powered device and goes to sleep to conserve battery life. Therefore it will not perform the repeater function typical of other Z-Wave devices.



BATTERY INSTALLATION AND REPLACEMENT:

2 CR2025 batteries are included with each ZWL-APS. Lift the battery latch with a screwdriver to open the battery cover. Remove the plastic strips from under the batteries. Observe polarity when installing the batteries. Be careful to insert the batteries under the 4 small plastic tabs in the battery compartment. Re-latch the battery cover. After the batteries are successfully installed, the LED on the ZWL-APS will blink for one minute to indicate the device is not included in the RF network. The device will go to sleep after one minute to conserve battery life. When not installed, pressing the ON/OFF button again will wake up the device, and the LED will resume blinking for one minute to remind the installer that the device is still not installed in the RF network. With normal usage (up to 20 keypresses per day) battery life is expected to be 1-2 years.

PHYSICAL INSTALLATION INSTRUCTIONS:

Attach the ZWL-APS to any flat surface using the double-sided tape provided, or mount it to the wall using the screws and anchors provided. NOTE: Do not install an ZWL-APS over an electrical box. The device must be installed onto a flat surface. Do not install on a metal surface since this will impede the RF signal.

Z-WAVE NETWORK INSTALLATION INSTRUCTIONS:

The ZWL-APS can be used as an accessory device which can be included in a new or existing network by using your Z-Wave controller. To include as an accessory device, select the command on your controller for inclusion (Install, Add Device, Add Node, Include Device, etc.), then press the Battery Operated Switch on/off button one time to include it in the network. The LED will blink a few times and then stop blinking after the device is successfully included in the network. After inclusion in

a network, the Battery Operated Switch can then be associated with and control up to 5 other hard-wired RF devices at one time. During the association process, your Z-Wave controller may prompt you to wake up the Battery Operated Switch, which will then allow the association process to occur. To wake the Battery Operated Switch press the dim down or up button once. (For detailed instructions refer to your controller manual.) To exclude this device from a Z-Wave network, select your Z-Wave controller for exclusion (Uninstall, Remove Device, Remove Node, Exclude Device, etc.), then press the on/off button one time to exclude it from the network. The LED will start blinking rapidly and then blink slowly about 10 times.

OPERATING INSTRUCTIONS:

- The blue LED indicator is normally OFF.
- The blue LED indicator will blink once when turning a device OFF.
- The blue LED indicator will come on for 2 seconds and then turn OFF when turning a device ON.
- The ON/OFF switch on the ZWL-APS will turn the load ON/OFF when associated with Z-Wave RF switches.
- The ON/OFF switch on the ZWL-APS will turn a receptacle ON/OFF when associated with Z-Wave RF receptacles.
- The ON/OFF switch on the ZWL-APS will turn the light ON/OFF when associated with a Z-Wave RF Master Dimmer.
- The UP/DOWN dimmer buttons will control the light level when associated with a Z-Wave RF Master Dimmer.

BUTTON FUNCTIONS REFERENCE FOR THE ZWL-APS:

On/Off - Press the On/Off button once. The installed devices will turn on or off depending on their previous state.

If no devices are installed in the network, the LED will blink rapidly for about 3 seconds. This will also happen if the ZWL-APS cannot reach the devices for any reason. Possible reasons might be the devices are not powered, perhaps due to a tripped circuit breaker, or if the ZWL-APS cannot reach the devices due to poor RF conditions such as low signal strength.

Dimming - Pressing and holding the dimming button will cause installed dimmer devices to raise or lower the dimming level. Releasing the button will stop this action.

Federal Communications Commission Statement

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. 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.

FCC CAUTION:

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Additional Information (Contact Info, Safety, Service & Support, Warranty)

Contacting RTI

For news about the latest updates, new product information, and new accessories, please visit our web site at: www.rticorp.com
For general information, you can contact RTI at: Remote Technologies Incorporated, 5775 12th Ave. E Suite 180, Shakopee, MN 55379
Tel. (952) 253-3100, Fax (952) 253-3131, info@rticorp.com

Safety Suggestions

Do not use unit near water, for example, near a sink, swimming pool, open window, in wet basement, etc.
Do not allow objects to fall or liquids to be spilled into the enclosure through openings.
Do not attempt any service beyond that described in the operating instructions. Refer all other service needs to qualified service personnel.

Service & Support

If you are encountering any problems or have a question about your RTI product, please contact RTI Technical Support for assistance. RTI provides technical support by telephone or e-mail. For the highest quality service, please have the following information ready:
Your Name • Company Name • Telephone Number • E-mail Address • Product model & serial no. (if applicable)

If you are having a problem with hardware, please note the equipment in your system, a description of the problem, and any troubleshooting you have already tried. *Please do not return products to RTI without return authorization.*

Limited Warranty

RTI warrants its products for a period of one (1) year (90 days only for included battery packs); or for a period of time compliant with local laws when applicable from the date of purchase from RTI or an authorized RTI distributor. This warranty may be enforced by the original purchaser and subsequent owners during the warranty period, so long as the original dated sales receipt or other proof of warranty coverage is presented when warranty service is required. Except as specified below, this warranty covers all defects in material and workmanship in this product. The following are not covered by the warranty:

Damage resulting from:

1. Accident, misuse, abuse, or neglect.
2. Failure to follow instructions contained in this Guide.
3. Repair or attempted repair by anyone other than Remote Technologies Incorporated.
4. Failure to perform recommended periodic maintenance.
5. Causes other than product defects, including lack of skill, competence or experience of user.
6. Shipment of this product (claims must be made to the carrier).
7. Being altered or which the serial number has been defaced, modified or removed.