

Z-Wave 3-Way Light Switch Setup

The 3-Way Switch Advantage

A Model WT00Z-1 3-way Z-Wave wireless remote light switch enables you to control lights from different spots in a house or facility. In conventional lighting systems you can only control a particular light by physically manipulating one dedicated switch. If a switch is located at the first floor and you are at the second floor, you would need to go down the stairs to turn off or on a light. With a 3-way wireless remote light switch, the distance constraint of traditional switches is eliminated as you can install switches in convenient and accessible locations.

An advantage of such a system is you don't need to bore holes in walls in a house or facility just to install additional traveler or control wires. It is also ideal for hard to reach spots and locations or areas undergoing remodeling. Installing a 3-way wireless remote light switch is simple and easy.

✓ **NOTE:** When installing a Z-Wave 3-Way Light setup utilizing Linear products, you will need a Load Bearing switch (WS15Z-1, WD500Z-1 or WD1000Z-1) and a non-load bearing WT00Z-1. Multiple WT00Z-1 switches can be utilized to control multiple Load Bearing devices.



WT00Z-1 3-Way Z-Wave Switch

Installation

Always turn off the power at the circuit breaker. Then test the wires using a voltage tester to make sure that the power has been completely shut off. Remove the existing light switch(es). Install the Linear Z-Wave products per the instructions included. The WT00Z-1 does not require a Traveler wire. Black power and White common wires are all that is needed. The WT00Z-1 will communicate with the Load Bearing device (WD, WS) via RF Z-Wave signals.

Programming Switch into a Controller

You must have a MiniMote (Tool) to Program (Associate) the WT to the Load Bearing Device. The MiniMote Tool is available from Aeon Labs distributors. One MiniMote will enable the dealer to do multiple installs, the MiniMote does NOT have to be left at the customer's home for the system to operate properly.

✓ **NOTE:** When programming, single click = Network Wide Inclusion; double click = Standard Inclusion.

- 1. Include both the load bearing device and the WT00Z-1 into the Controller (alarm panel).** You will need to use a MiniMote to associate the switches. Include these devices using the Home Services >Toolbox (enter master code) > Add Devices to learn them in now.
- 2. Learn the MiniMote into the Controller (alarm panel).** Next, learn the MiniMote into the panel as a normal Z-Wave device by using Home Services > Toolbox (enter master code) > Add Devices. When the Control Panel is in discovery mode, press the LEARN button on the MiniMote. The BLUE LED on the MiniMote will blink slowly and its description will appear on the screen of the Control Panel. Then the BLUE LED will stay on for 2 Seconds indicating Success.
- 3. Associate the Load Bearing device with the WT00Z-1.** Once all of the devices are in the Controller (Alarm Panel), the next step is to Associate them together. Association is a Z-Wave term that allows for one device to "Control" another device. In this case the WT00Z-1 will control the Load Bearing Device.
 1. On the MiniMote, press the button labeled "Associate", the BLUE LED will blink slowly.
 2. Double TAP the paddle on the LOAD BEARING device, the BLUE LED will blink quickly.
 3. Double TAP the paddle on the WT00Z-1, the BLUE LED will stay SOLID for 2 seconds and then begin flashing again.
 4. If you have more than one WT00Z-1, you can repeat Step 2 now, if not, push any button on the MiniMote to exit Association Mode.

The MiniMote can now be taken out of the home and re-used in the next installation, there is no need to remove it from the Controller (Alarm Panel).