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NZW31 Quick Setup for “Other” Users

While we may not have published step-by-step instruction for your specific HUB, we still appreciate you and hopefully these instructions help!

**Click below for
basic setup
instructions**



Other Setup



Thank you for your purchase of the NZW31 Smart Switch. If you run into any problems along the way, please contact us (<https://inovelli.com/contact-us/>). We're here to help!

– Step 1 – Gather Your Materials & Find an Appropriate Outlet

Materials Needed:

- Gangbox (**With Neutral, Line & Load Wires**)
- Cell Phone/Tablet/Computer
- Z-Wave Enabled HUB/Gateway

Locate an area to install your switch within the recommended distance (calculated on Page 2-3 in your manual) from your HUB.

Walls, furniture, and other obstructions may affect the communication between the Plug-In Module and your Hub/Gateway, so please keep this in mind when selecting your location.

Follow the recommended wiring instructions located in Step 2.

****If you are having issues pairing your device, please ensure your switch is within range of your HUB. 95% of the pairing/including failures stem from this issue. Best practice is to start with Z-Wave products near your HUB and build your network out. The more Z-Wave devices, the more efficient your network.****

–Step 2– Wiring Diagrams

Please follow the recommended wiring diagrams below. If your wiring diagram does not look like the below, please reach out and we will try our best to help (although we are not electricians).

Here are some Pro-Tips to follow:

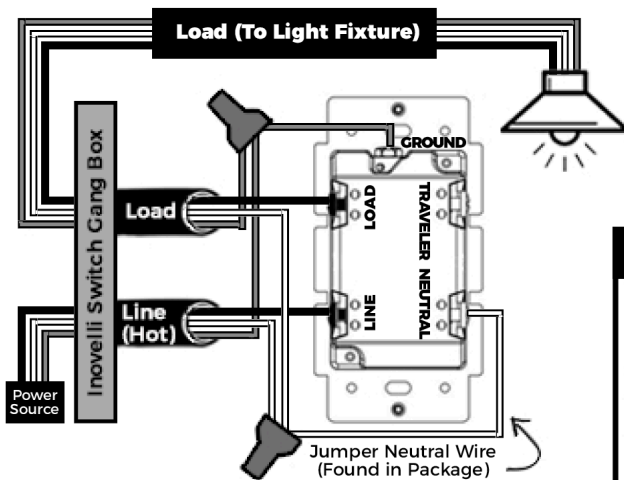
- Remember to turn off the power prior to installation and ensure all connections are made prior to turning the power back on
- **The Line wire is Hot.** Please use a multimeter to find it.
- Our smart switches will work with normal 3-Way Switches. You do not need a special Auxiliary Switch

NOTE: If you use a, “non-smart” switch, please use an on/off switch — do not use a dimming 3-way switch as it will not work.

- Our switches require a Neutral wire. Please do not try wiring without one.
- Please remember to Ground all connections
- Remember to start the inclusion process prior to flipping the power back on
- Use Wire-Strippers to cut 1" for screw installation and 5/8" for Terminal Installation

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Single Switch Installation



Key (Single Switch)

- Line/Load**
(Usually Black)
- Neutral**
(Usually White)
- Ground**
(Usually Copper)
- Wire Nut**
(Combines Wires)

Screw Terminals

There are two ways to install the wires:

- 1) Around the Screw
- 2) Into the Terminal (hole)

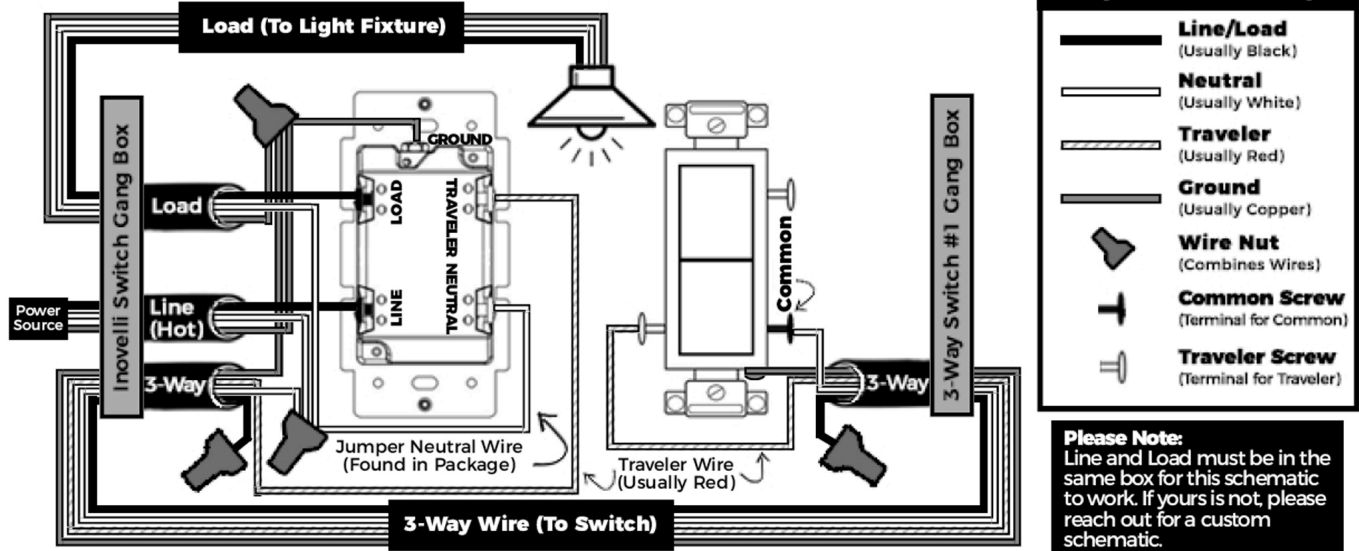
Strip the wire 1" for around the screw and 5/8" for the terminal.

When loosening the screw, **DO NOT** unscrew it completely and remember, **Counter-clockwise (Left) = Loosen** **Clockwise (right) = Tighten**

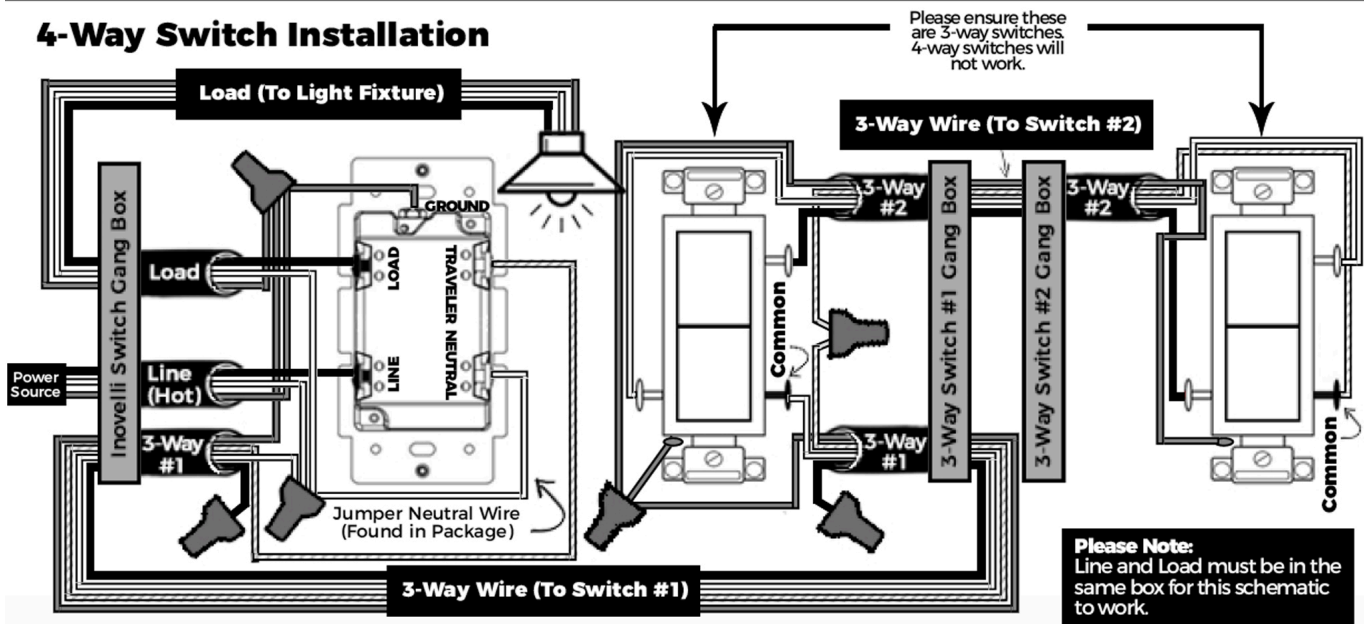
Pro-Tips

- Remember to turn off the power prior to installation and ensure all connections are made prior to turning the power back on. No need to be a hero!
- The Line wire is Hot. Please use a multimeter to locate it.
- Our smart switches will work with normal 3-Way switches. You do not need a special auxiliary switch.
- Our switches require a Neutral wire. Please do not try wiring without one.
- Please remember to Ground all connections.
- Remember to start the inclusion process prior to flipping the power back on (see specific HUB instructions for more info).
- Use Wire-strippers to cut 1" for Screw Installation and 5/8" for Terminal Installation

3-Way Switch Installation



4-Way Switch Installation



-Step 3- Adding (Including) to the Network & Completing the Setup Process

Please do not turn the power back on until you start the actual inclusion process — this switch has, “Auto-Inclusion” so if you switch the power on too early, it will not auto-include and you will have to do the backup method.

Now that your switch is installed, we'll start the inclusion process.

Including Steps:

- This will vary based on the HUB/Gateway you're using, but you need to go one (1) step before putting your HUB/Gateway in inclusion process — once you are one (1) step away from physically starting the inclusion/pairing process — **THEN STOP!**
- Walk down to your circuit breaker and flip on the power (you will now have 30 seconds to physically start the inclusion process on your HUB/Gateway)
- While next to the breaker, start the inclusion process and your HUB/Gateway will automatically start looking for devices
- Wait for auto-inclusion to do its thing. Your switch will automatically include/pair to your HUB/Gateway
 - If successful, your device will flash twice (**NOTE:** Auto-Inclusion will time out after 30 seconds)
 - If the switch does not flash within 30 seconds, please use the alternate method of pairing which is pressing the top (UP) button 6x within 2 seconds
- Confirm that your HUB/Gateway shows the switch

Congratulations, you now have a remote controlled switch!

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