Part 1. Introduction

Basic Operation
The connected light can be turned ON/OFF in two ways:
1. Manually from the front panel of the In-wall Switch
2. Remotely with a Z-Wave Controller

Manual Control
The Front Panel Paddle Switch allows the user to:
- Turn ON/OFF the connected fixture

Air-Gap Switch:
The “air gap switch” will cut power to the device if it’s pulled up. It’s located right below the main switch itself, often next to the LED. Pull up for Bulb replacement, push down for normal use.

CHANGING THE COLOR OF THE PADDLE (OPTIONAL)
This step is optional. Before you start you may want to change the color of the paddle to match your wallplate or decor.
1. Push side tabs in on one side and then the other to release paddle. Lift the cover up and off.
2. Simply put the new paddle onto the switch by side tabs and snap securely into place. Once this step has been completed please proceed to part 2 wiring.

Part 2. Wiring Diagram

How to install the wires

1. Unscrew: carefully turn the screw counterclockwise to leave enough space for the wire to be inserted. Do not unscrew the screws completely.
2. Press down: Once loosened, use your finger to push the screw to catch the thread.
3. Insert the wire: make sure the wire is completely straight, then insert it into the terminal while holding down the screw. Do not wrap the wire around the screw!
4. Tighten: Turn the screw clockwise to tighten the wire. Make sure the wires are locked!

Note before installation
1) The Z-Wave In-wall Smart Switch must not exceed 150W LED, 150W incandescent.
2) The switch box required: 1-gang U.S. wall box, 3½ in deep recommended, 2¼ in deep minimum. (The switch is designed only for use with permanently installed fixtures.)
3) Work with regular 3-way on/off for 2 locations control. It can only be connected with regular 3-way on/off switch, don’t use a smart switch or a dimmer switch! Couldn’t work with an add-on switch!
4) The colors of your wires may not match the ones in our diagrams so please make sure you’ve identified all wires correctly based on their source, not color only.
5) Please check your original 3-way wiring circuit in your home before installation, and then follow the wiring diagram option 1 or 2 in the manual.
6) Install the smart switch in the switch box which directly connects to the power Line and Neutral.
7) This switch requires a Neutral for installation, or the installation will not succeed.
8) Not recommended for fan.

Part 3. Manual Control

- • Product introduction
- • Installation steps
- • Wiring instructions
- • Single pole and 3-way wiring diagram
- • Adding / remove the device (Factory setting)
- • Min & Max Brightness Value Setting

Part 4. Troubleshooting

- • LED indicator / Button function
- • Auto Turn-On/Off timer
- • Association setting parameter
- • Restore state after power failure
- • Association group
- • Restore state after power failure
- • Multilevel minimum value can be set
- • Command classes

Part 5. Parameter settings

For more details, please refer to the manual parts.
If you have any questions during installation, please contact us at ask@nie-tech.com

Part 4. Troubleshooting

- • Association group
- • Association setting parameter
- • Restore state after power failure
- • Association group

Part 5. Parameter settings

For more details, please refer to the manual parts.
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IMPORTANT
1) Neutral required. If the box do not have a Neutral, please stop! Connect the white wire to neutral terminal (use a white jump wire form the package or the second hole at the terminal to connect.)
2) Insert the Line wire to Line terminal and Load wire to Load terminal. LOAD and LINE Can’t be swapped, please make sure to identify them correctly!

A few quick reminders
A quick note before we give out the wiring schematics. Please do not try installing this device if you are unsure of how electrical circuits operate within your home. As exciting as it is to have a smart switch installed, it can be dangerous and even life-threatening if you do not install it correctly. Please consult a qualified electrician if necessary. With that said, here are a few other warnings we’d like to point out for your safety:

IMPORTANT
1) Neutral required. If the switch box do not have a Neutral, please stop! Connect the white wire to neutral terminal (use a white jump wire form the package or the second hole at the terminal to connect.)
2) Insert the Line wire to Line terminal and Load wire to Load terminal. LOAD and LINE Can’t be swapped, please make sure to identify them correctly!
3) Install the smart switch in the switch box which directly connects to the power Line and Neutral.
4) Only work with regular 3-way on/off for 2 locations control. It can only be connected with regular 3-way on/off switch, don’t use a smart switch or a dimmer switch! Couldn’t work with an add-on switch!
### Part 3. Manual Control

#### Scene:
- **Scene 1:** Tap-Up-2
  - Works with Alexa & Google Assistant
  - It must be connected to a supported hub in order to interact with the Amazon Alexa / Google Home services.

#### Part 4. Troubleshooting

**Possible Problem** | **Possible Cause** | **Solution**
---|---|---
1. The connected LED is flashed too bright when set to its Minimum brightness level. | LED brightness minimum setting is incorrect. | Please set the minimum brightness level according to the manual.
2. Couldn’t pair with hub or your hub cannot recognize the device. | The device needs to be reset before pairing. | Please reset the device according to the manual.
3. The device couldn’t turn lights on/off manually. | Wiring error | Please check the wiring diagram on the manual.
4. The smart switch is working and the 3-way switch does not. | 3-way Wiring error | Please check the wiring diagram on the manual.

### Part 5. Parameter Settings
#### The indicator will flashes 2 times after each parameter set successfully.

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<th>Available settings</th>
<th>Operation</th>
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<tr>
<td><strong>Parameter 1:</strong> Button Function Setting</td>
<td>This parameter can access you to set the up button to turn the light on/off.</td>
<td>Quick press the switch button 7 times</td>
</tr>
<tr>
<td></td>
<td>Value=0 (Default)</td>
<td>Please note: the switching of each value in order, a quick press on button 7 times will switch on, Eg. Switching from value 0 to value 2 needs 2 switching.</td>
</tr>
<tr>
<td></td>
<td>Value=1</td>
<td>Value=2 (default) memory state before power failure</td>
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<tr>
<td></td>
<td>Value=3</td>
<td>Value=4 (default) LED is On when the switch (light) is off, LED Off when the switch (light) On</td>
</tr>
<tr>
<td></td>
<td>Value=5</td>
<td>Value=6 (default) LED is always Off, the switch (light) is always On, Value=7 (default) memory state before power failure</td>
</tr>
<tr>
<td><strong>Parameter 2:</strong> LED Indicator Status Setting</td>
<td>This parameter can access you to set the led indicator to be on when the switch (light) is on/off, or LED indicator remains on/off all times.</td>
<td>Quick press the switch button 6 times</td>
</tr>
<tr>
<td></td>
<td>Value=0 (default) LED is off when the switch (light) is off, Value=2 (default) Memory state before power failure</td>
<td></td>
</tr>
<tr>
<td><strong>Parameter 4:</strong> Auto Turn-Off Timer.</td>
<td>This parameter can access you to set a timer to make the switch turn on automatically after the switch turned on. The numberentered as value corresponds to number of minutes.</td>
<td>Set up on the hub</td>
</tr>
<tr>
<td></td>
<td>Value=3 (default)</td>
<td>Value=2 (default) Memory state before power failure</td>
</tr>
<tr>
<td><strong>Parameter 8:</strong> Restore Status after Power Failure</td>
<td>This parameter can access you to set the switch to be on/off after power failure.</td>
<td>Quick press the switch button 5 times</td>
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<tr>
<td></td>
<td>Value=1</td>
<td>Value=0 (default) Memory state before power failure</td>
</tr>
<tr>
<td><strong>Parameter 11:</strong> Multilevel minimum value can be set</td>
<td>This parameter can access you to set Min / Max brightness level setting.</td>
<td>Set up on the hub</td>
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#### Parameter Available settings

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<td><strong>Parameter 8:</strong> Restore Status after Power Failure</td>
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**Warranty**

Our Products warrants this product to be free from manufacturing defects for a period of one year from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product. This warranty is in lieu of all other warranties, expressed or implied. Onlyings do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state.