Looking for single switch installation guide? Go to noonhome.com/install-single-switch
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Before you get started

If you’ve installed light switches before and are comfortable with line-voltage wiring, installing Noon is easy. If not, we highly recommend hiring a professional electrician.

Guided Installation

If you would like to be guided through the installation experience, we have just what you need online.

You’ll have access to:

- Step-by-step video tutorial from a pro
- Guided troubleshooting

Go to noonhome.com/install

Get a Pro

Not comfortable replacing a light switch?

To get a Noon-trained professional installer, go to noonhome.com/installers.
This guide is for experienced DIYers and Installers

Get additional help at noonhome.com/support
Tools Needed

- Phillips screwdriver
- Flathead screwdriver
- Voltage Detector
- Wire Strippers
Need to know

Noon™ replaces light switches

• Works as a single-pole or multi-way switch
• Multi-way configurations support up to four switches per circuit. Requires all Noon switches on the multi-way circuit
• Designed for indoor use only
• Works with popular third-party rocker wall plates

Wiring requirements

• Neutral wire required
• Ground wire required
• 120V compatible (not for use with 240V circuits)

Compatible bulbs and fixtures

• All residential bulbs including: LED, incandescent, halogen, fluorescent and CFL bulbs; MLV and ELV fixtures
• Dimmable and non-dimmable bulbs

TIP: Dimmable bulbs are essential for layered lighting and highly recommended.
Rated for the following limits, per switch

<table>
<thead>
<tr>
<th></th>
<th>1-gang</th>
<th>2- and 3-gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent and halogen</td>
<td>500W</td>
<td>400W</td>
</tr>
<tr>
<td>LED and CFL</td>
<td>200W (1.7A)</td>
<td>200W (1.7A)</td>
</tr>
<tr>
<td>MLV fixtures</td>
<td>500VA</td>
<td>400VA</td>
</tr>
</tbody>
</table>

Caution, not compatible with

- Switch-controlled power outlets
- Fans and light fixtures with built-in fans
- Appliances and non-lighting products

For more information, visit noonhome.com/compatibility
There are two types of switches on a multi-way

Two switches

If there are two switches controlling the same light, they are both 3-way switches.

Three or four switches

If there are three or more switches controlling the same light, two will be 3-way switches and the others will be 4-way switches.

NOTE: 3-way and 4-way switches have a different number of wires connected. Noon replaces both.
What’s unique about installing Noon Switches on a multi-way

Noon multi-way wiring

Noon switches on a multi-way circuit are wired differently than single-pole. The wiring for each Noon Base also depends on whether you are replacing a 3-way or 4-way switch.

Requires app setup

Noon switches on a multi-way circuit are controlled wirelessly. Your multi-way will not be fully working until you complete setup in the Noon app.

See the next page for overview diagram.
Multi-way wiring diagram

Noon switches work as 3-way or 4-way switches. They are wired in parallel. Ground and neutral wires are required.

NOTE: Wire colors may differ from diagram.
Let’s get started.
Apply multi-way stickers above each switch

Use the multi-way wall stickers included with your Noon switches.

Place a sticker above each switch in the multi-way group. These will help you keep track of which switches control the same light.

**TIP:** If you don’t have your multi-way stickers, or have more than one group, use wall-safe tape to label the switches in a group.
Remove the old switch and identify wires

1. Turn off power at circuit breaker

Confirm that the power is off from the switch.

⚠️ WARNING!
Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

2. Unscrew the old switch

If available, use the Noon wall protector to prevent wall scuffing.

**NOTE:** Do not disconnect the wires!
Checkpoint

Feeling like this is too complicated? Now is a good time to schedule a pro if you aren’t comfortable with doing the installation on your own.

Schedule a pro at noonhome.com/installers
3. Identify your old switch

**3-way switch**
(4 screw terminals)

If you have a 3-way switch, go to Step 4a.

**NOTE:** Terminal color or style may vary.

**4-way switch**
(5 screw terminals)

If you have a 4-way switch, go to Step 4b.

**NOTE:** Terminal color or style may vary.
4a. Label wires: 3-way switch

Apply the labels to all wires before detaching the wires from the old switch.

Ground and neutral wires are required. If you do not have ground and neutral wires, the Noon switch is not compatible. Contact us at noonhome.com/contact to learn about your options.

**NOTE:** Use the multi-way wire labels included with your Noon switch.

Repeat this step for the other switches on the multi-way circuit.
4b. Label wires: 4-way switch

Apply the labels to all wires before detaching the wires from the old switch.

Ground and neutral wires are required. If you do not have ground and neutral wires, the Noon switch is not compatible. Contact us at noonhome.com/contact to learn about your options.

**NOTE:** Use the multi-way wire labels included with your Noon switch.

Repeat this step for the other switches on the multi-way circuit.
5. Take a photo of the wires

Take a photo of the wires connected to your old switch. This can help in upcoming steps if you need to go back and see how the wires were connected.

Be sure to capture multiple angles so you can clearly see which wire (with label) is connected to each terminal on the existing switch.
6. Disconnect switches

Disconnect the switch you are replacing from the wall wires.
1. Install the Noon mounting plate

Make sure the hooks are facing out and upwards. Look for the “Top” indicator.

**NOTE:** Noon wall and mounting plates are recommended but not required.

2. Hang the base from the mounting plate

To free up your hands for wiring, hang the Noon Base with the wires near the top on the mounting plate.
3. How to use the wire connectors

- Hold the wires together and make sure they are straight.
- Twist the wire connector firmly clockwise.

See page 30 for wire connector compatibility.
4a. Connect Base wires: 3-way switch

1. Connect Ground
2. Connect Neutral
3. Bundle T1 and Line wires together with a Line/Load wire on the Noon Base.
4. Connect T2 to the other Line/Load wire on the Noon Base.

**NOTE:** Line/Load wires on the Noon Base are interchangeable.

**WARNING:** Connecting the Neutral or Ground wire from the wall to either Line/Load wire on the Noon Base may damage the product.
4b. Connect Base wires: 4-way switch

1. Connect Ground wires
2. Connect Neutral wires
3. Bundle T1-IN and T1-OUT wires together with a Line/Load wire on the Noon Base.
4. Connect T2-IN and T2-OUT to the other Line/Load wire on the Noon Base.

**NOTE:** Line and load wires on the Noon Base are interchangeable.

**WARNING:** Connecting the Neutral or Ground wire from the wall to either Line/Load wire on the Noon Base may damage the product.
5. Install Noon Base

Push the Noon Base into the switch box and press down into place.

**TIP:** Make sure the wires are out of the way before installing.

Repeat previous steps for any other switches in this box.

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6. Install the Noon Wall Plate

Press the corners and along the edges of the wall plate to snap it into place.
7. Turn the Noon Switch ON before installation

Remove the sticker on the back before installing.

8. Install Noon Switch into the base

Install any other Noon switches you have for this room before continuing. If you need to remove a switch, pull from the top and bottom.
Check installation

1. Turn power on at the circuit breaker

2. Check first switch in multi-way

Using the first switch, click to turn the lights on and then click again to turn them off.

Be sure to leave the lights off before the next step.

* The switches will not work as a multi-way until they are paired in the Noon app.
3. Check the other switch in the multi-way

Using the second switch, click to turn the lights on and then click again to turn them off.

If you have more than 2 switches on this multi-way, repeat this step for each, turning the lights off before moving to the next switch.

If the lights do not turn on or off with any of the switches on this multi-way, see noonhome.com/troubleshoot
You’re done with installation. Use the Noon App to complete setup.

You can download the Noon App on your iOS or Android device.
For guided installation, visit noonhome.com/install.

To book a Noon-trained installer, visit noonhome.com/installers.

For help troubleshooting your install, visit noonhome.com/troubleshoot.
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: (1) Reorient or relocate the receiving antenna. (2) Increase the separation between the equipment and receiver. (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. (4) Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Wire connector compatibility:** Make sure the wall wires are stripped to 7/16". Use with a minimum of two 16AWG wires or a maximum of three 12AWG wires. Use with copper wires only. (Base wires are 16AWG copper.)

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Covered by one or more Patents. View Acknowledgements online. Details at noonhome.com/legal.

Model numbers: Noon Room Director (N100), Noon Extension Switch (N130), Base (N190), Noon wall plate (Wall Plate)

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**Warranty**

One year warranty included. Details available at noonhome.com/warranty.