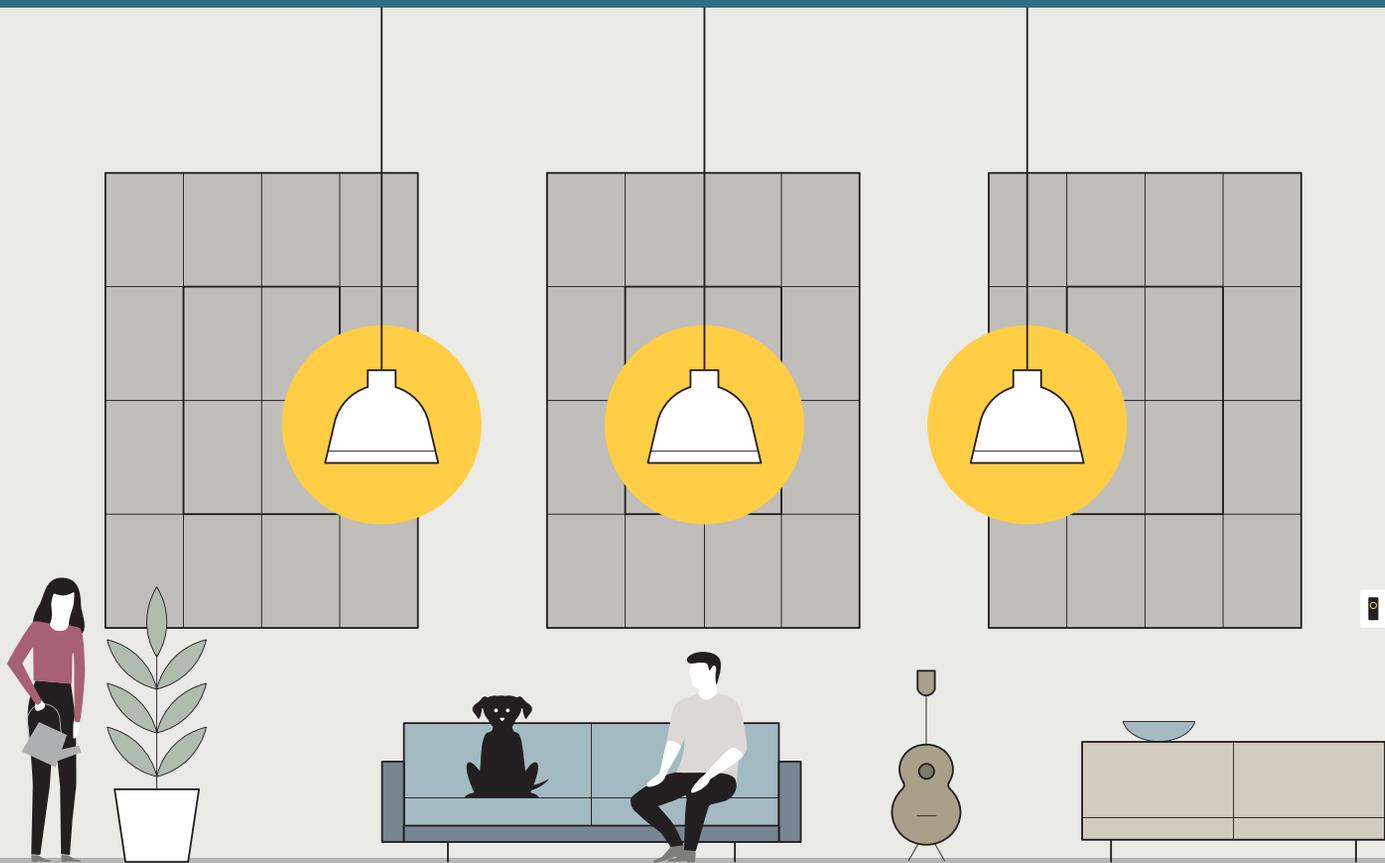




# Installation Guide



# Before you get started



If you've installed light switches before and are comfortable with high voltage wiring, installing a Noon™ switch is easy. If not, we highly recommend hiring a professional installer.

## Guided installation

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

Go to [noonhome.com/install](https://noonhome.com/install).

### You'll have access to:

- Step-by-step video tutorial from a pro
- Mobile-friendly guided installation
- Printable PDF

## Get a pro

Not comfortable with high-voltage wiring?

Get a Noon-trained professional installer at [noonhome.com/installers](https://noonhome.com/installers).

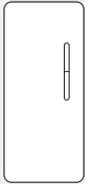
This guide is for experienced  
DIYers and installers

Get additional help at  
[noonhome.com/install](https://noonhome.com/install).

# In the box



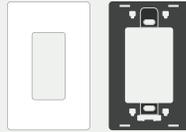
Room Director



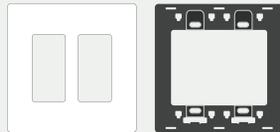
Extension Switch  
(x2)



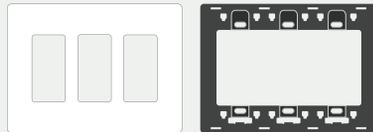
Base  
(x3)



1-Switch wall plate & mounting plate\*



2-Switch wall plate & mounting plate\*



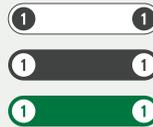
3-Switch wall plate & mounting plate\*



Wall screws (x6)



Wire connectors (x12)



Wire labels and stickers



Wall protector



Cleaning cloth

## Tools you'll need



Phillips screwdriver



Voltage detector



Wire strippers

\*Noon™ Wall Plates and mounting plates are recommended, but not required. Noon switches work with popular third-party wall plates. You can purchase additional Noon Wall Plates at [noonhome.com/store](https://noonhome.com/store).

# 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)

### Wire connectors provided



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

See page 14 for wire connector compatibility.

**TIP:** Dimmable bulbs are essential for layered lighting and highly recommended.

## Compatible bulbs and fixtures

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

### Rated for the following limits, per switch

	1-gang	2- and 3-gang
Incandescent and halogen	500W	400W
LED and CFL	200W (1.7A)	200W (1.7A)
MLV fixtures	500VA	400VA



### 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](https://noonhome.com/compatibility).

# Are you replacing a single-pole or multi-way switch?

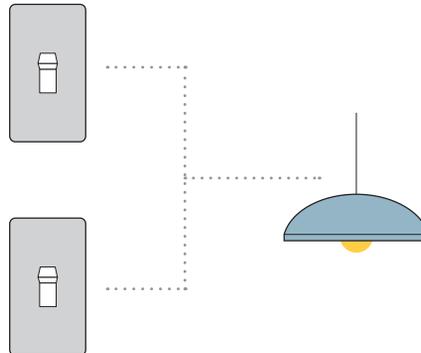
## Single-pole switch

One light switch that controls a light or set of lights.



## Multi-way switch

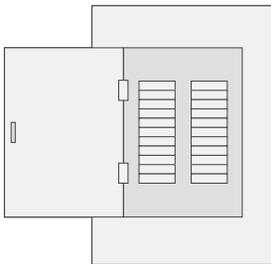
Two or more light switches that control the same light or set of lights.



Turn to page 11.

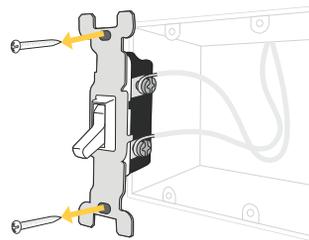
# Remove the old switch and identify wires

1. Turn power off at the circuit breaker



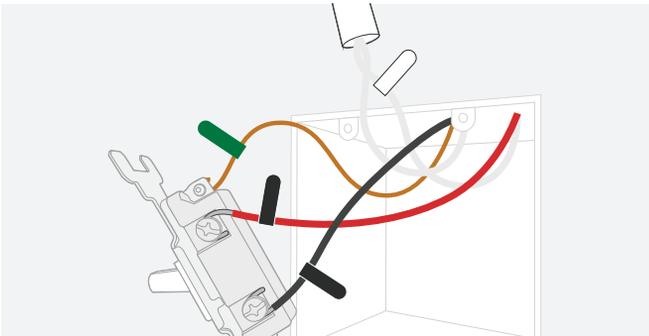
Confirm that the power is off from the switch.

2. Unscrew the old switch



Use the Noon™ wall protector to prevent wall scuffing.

3. Label wires and disconnect old switch



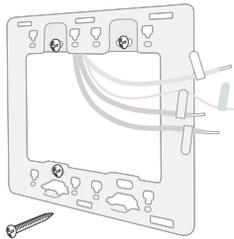
We recommend you apply the labels before detaching the wires from the old switch.



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](https://noonhome.com/contact) to learn about your options.

**NOTE:** Use the single-pole wire labels in the box.

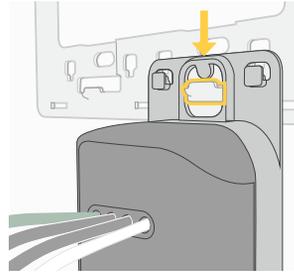
## 1. Install the Noon mounting plate



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 Noon Base from the mounting plate

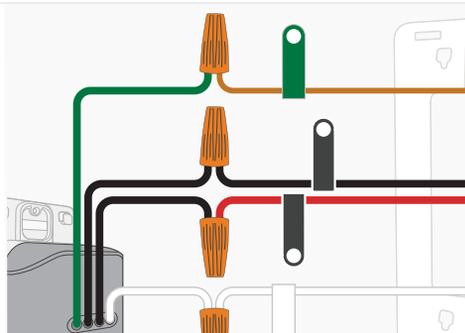


To free up your hands for wiring, hang the Noon Base with the wires near the top on the mounting plate.

## 3. Connect wires to the Noon Base

### NOON BASE WIRES

- Ground (green)
- Line/Load (black)
- Line/Load (black)
- Neutral (white)



### WALL WIRES

- Ground
- Line
- Load
- Neutral

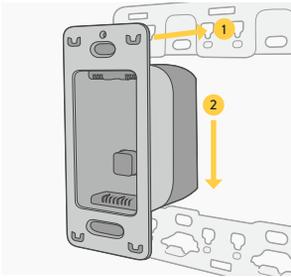
Line and load wires on the Noon Base are interchangeable.

**NOTE:** Wire colors in your switch box may be different from the wire colors shown here.



Connecting the Neutral or Ground wire from the wall to the Line or Load wire on the Noon Base may damage the product.

#### 4. Install Noon Base

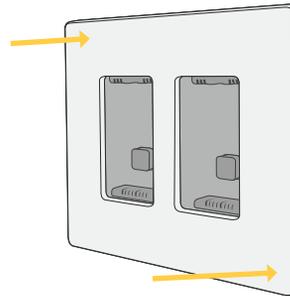


Push the Noon Base into the switch box and press down into place.

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

Repeat previous steps for any other switches in this box.

#### 5. Install the Noon Wall Plate



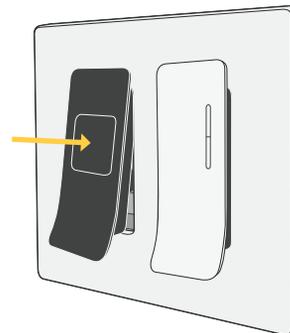
Press the corners and along the edges of the wall plate to snap it into place.

#### 6. Turn the Noon switch ON before installation



Remove the sticker on the back before installing.

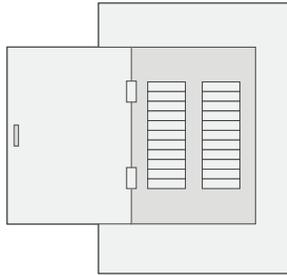
#### 7. Install Noon switch into the base



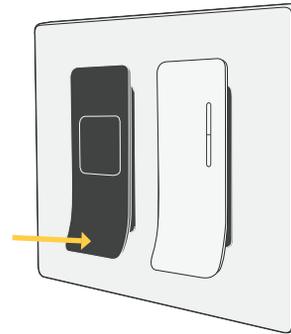
Install any other Noon switches you have for this room before continuing. If you need to remove a switch, pull from the top and bottom.

# Check installation

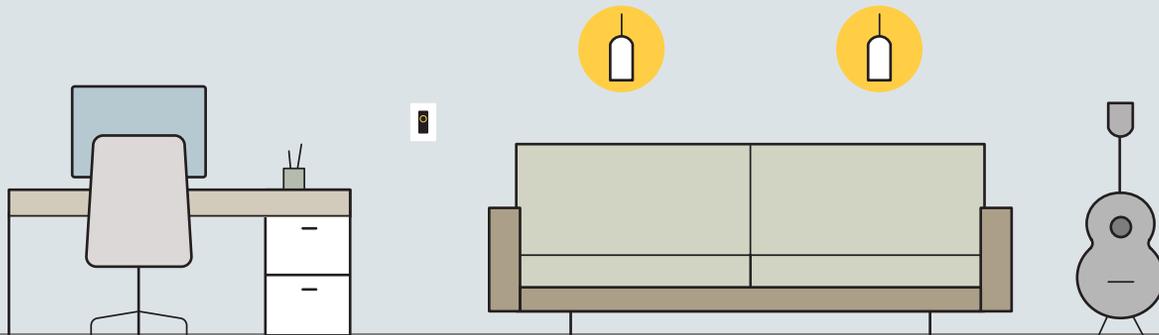
1. Turn power on at the circuit breaker

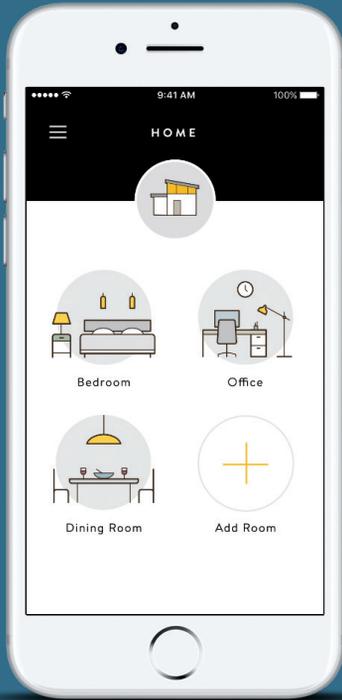


2. Click switch to turn lights on and off



If lights do not  
turn on or off, visit  
[noonhome.com/troubleshoot](https://noonhome.com/troubleshoot)  
for help.





You're done with installation.  
Use the Noon App to complete setup.

You can download the Noon App  
on your iOS or Android device.

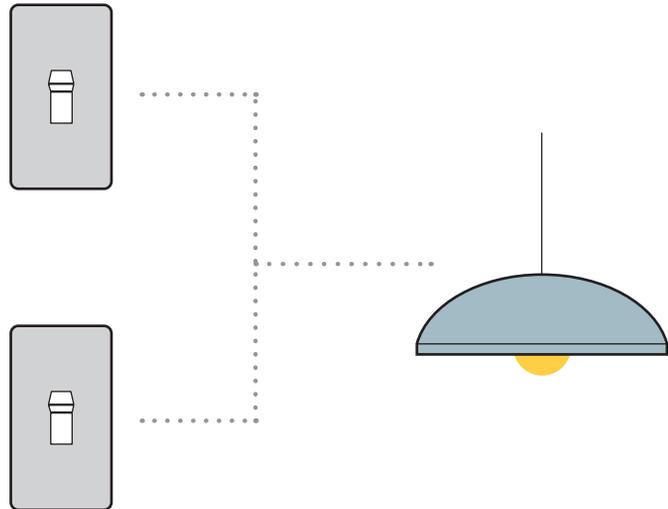


# Installing a multi-way switch

Noon™ switches can replace multi-way switches. Noon supports up to four switches controlling the same light. All of the switches on a multi-way need to be replaced.

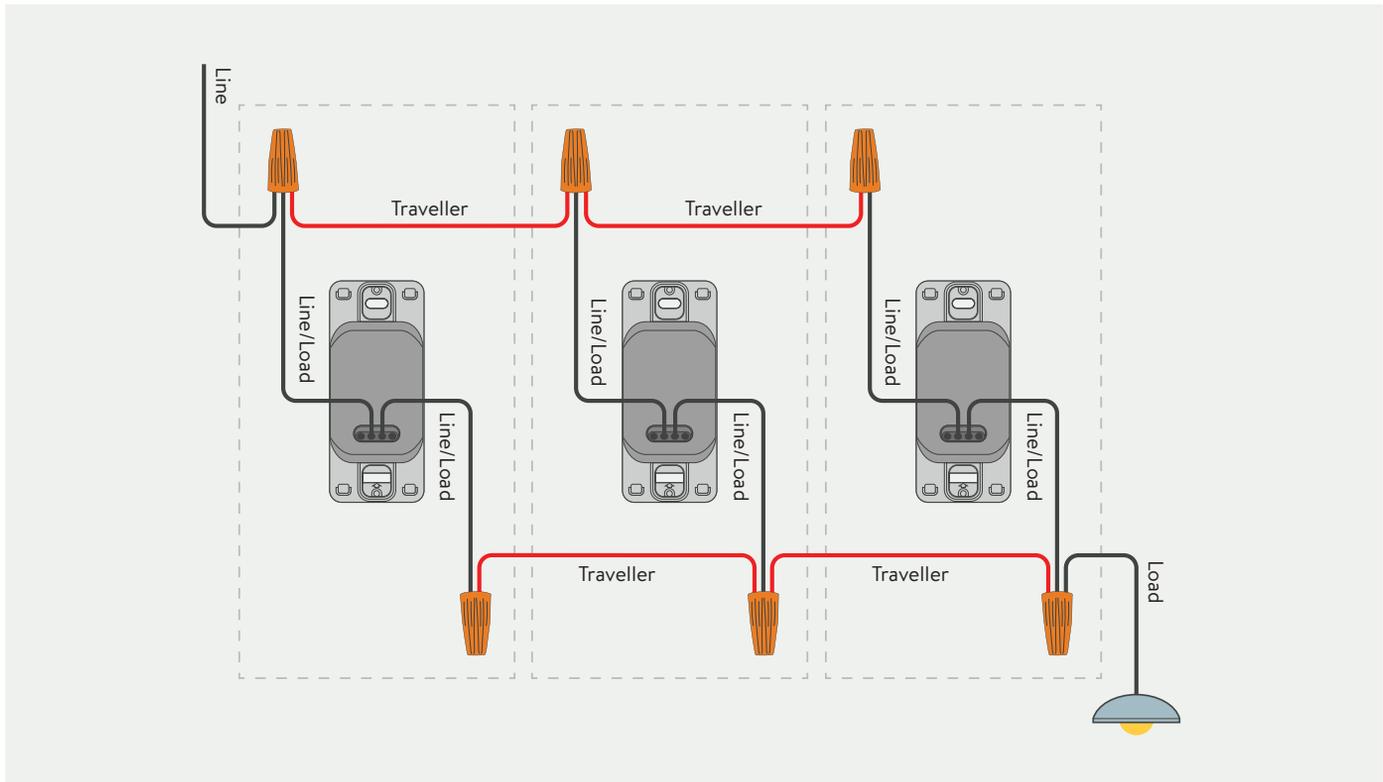
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For full multi-way installation instructions, go to [noonhome.com/multiway](https://noonhome.com/multiway).



# 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. Use the multi-way wall stickers and wire labels in the box.



## Resources

For guided installation, visit [noonhome.com/install](https://noonhome.com/install).

To book a Noon-trained installer, visit [noonhome.com/installers](https://noonhome.com/installers).

For help troubleshooting your install, visit [noonhome.com/troubleshoot](https://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.)

Covered by one or more Patents. View Acknowledgements online. Details at [noonhome.com/legal](https://noonhome.com/legal).

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Android® is a trademark of Google Inc.

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](https://noonhome.com/warranty).

Input: 120 VAC, 60 Hz, 5.5 A max.

Output: 5.2 VDC, 1.4 A



NOON

