

# Installation Instructions

## Single Pole or 3-Way 24-HOUR PROGRAMMABLE AND ASTRONOMICAL TIMER

120VAC, 60Hz  
600W LED/CFL, 1800W INC  
15A Resistive/Inductive  
1 HP Motor Load

READ THESE INSTRUCTIONS  
BEFORE INSTALLING



### 24-Hour programmable and astronomical timer



The VPT24 Decora 24-Hour Programmable and Astronomical Timer is the ideal solution to enhance convenience, security, and energy efficiency in your home. Easily schedule lights, ceiling fans, exhaust fans, small pumps, and more to turn on and off at specific times.

- Manual ON/OFF switch.
- Set up to 10 ON/OFF scheduled events.
- Built-in astronomical clock automatically adjusts to local sunrise and sunset times based on your location.
- Daylight saving time feature ensures automatic updates in spring and fall.
- Countdown timer can always turn off the lights after a selected time. The countdown timer is preset to 6 hours to meet California Title 24 Part 6 requirements, and can be adjusted up to 24 hours to comply with IECC energy codes.
- Random mode to make it look like someone is home when you are away.
- Backlit LCD display and an improved user interface for easy setup and use.
- Compatible with single-pole and 3-way applications using a standard 3-way switch.
- Keeps time and saves settings during temporary power outages for up to 72 hours.
- LED locator light to find the timer in the dark.
- Compatible with VPKT faceplates available in ivory, light almond, gray, black, and white.
- Neutral wire required.

RATINGS	
Voltage	120VAC, 60Hz
Resistive/Inductive	15A
LED/CFL	600W
Incandescent	1800W
Motor	1 HP



### Features

#### Backlit LCD display

- To easily read the time, status and settings based on user preferences.

#### Switch

- Press to turn the light ON/OFF.

#### Timer door

- Lift the door to access the setting buttons.

#### Menu button

- Press to cycle through the menu options.

#### Set button

- Press to confirm selections during the configuration process.

#### QR code for instructions

- Scan for installation, wiring, and programming instructions.

#### Up/down buttons

- Press to move back or forward through the setting options, or to change a selected value.

#### Exit button

- Press to return to the main screen at anytime during the configuration process.

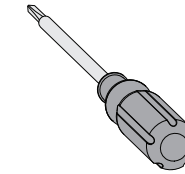
#### LED locator light

- To find the switch in the dark.
- ON when the load is OFF.
- OFF when the load is ON.



### Installation tools needed

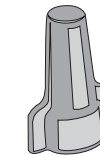
#### Slotted/Phillips screwdriver



#### Pliers



#### Wire connectors



#### Wire stripper



#### Voltage tester

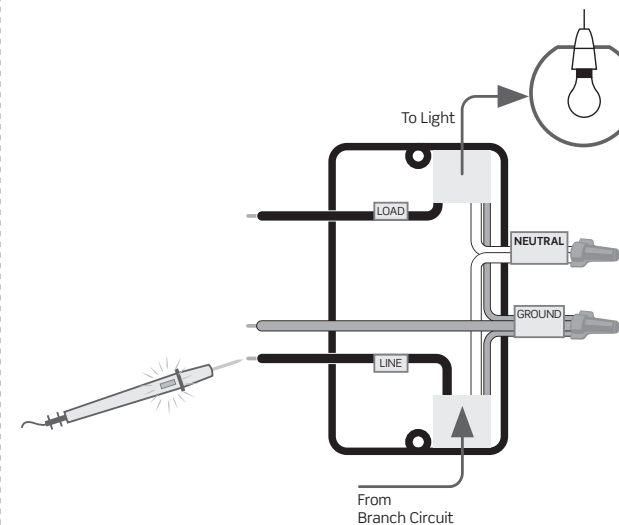


### Identify your wires Single pole wiring

**WARNING: TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER** at circuit breaker.

#### Check your wallbox:

1. Remove wallplate and disconnect existing switch.
2. Restore power. Carefully test wires with voltage tester to find the line (hot) wire.
3. Turn off power at the circuit breaker.
4. Mark the wires as shown below. Please note neutral wires are required to operate this device.  
**Quick tip:** Neutral wires are typically white and will be found bundled inside the electrical box

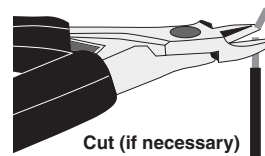


If your wallbox looks different, call an electrician. 4

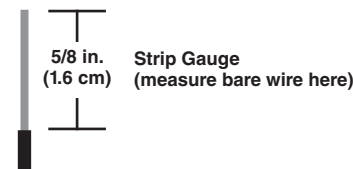


### Preparing and connecting wires

1. Pull off the pre-cut insulation from the timer leads.
2. Make sure that the ends of the wires from the wallbox are straight (**cut if necessary**).



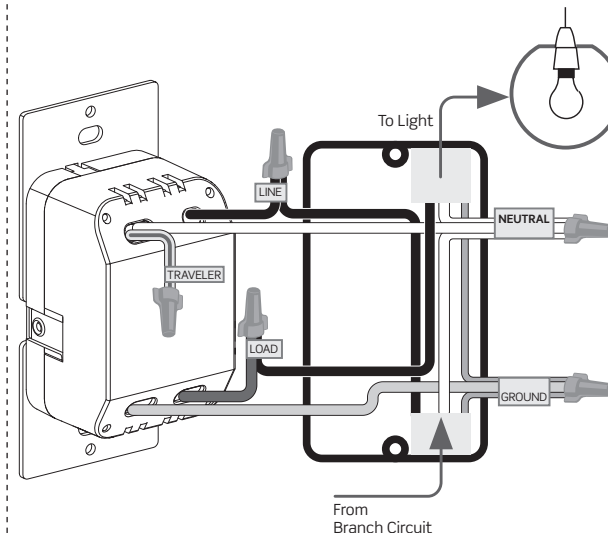
3. Remove insulation from each wire in the wallbox as shown below.



### Wire your timer Single pole wiring

1. Work on only one connection at a time.
2. Connect wires as shown, using wire connectors.

**NOTE:** If the label is missing, cover the Yellow/Red wire on the timer switch with a wire connector or cap so that no strands are exposed. This wire is used in 3-way installations **ONLY**. For single pole installations, **DO NOT** remove insulating label.



If you are unsure about any part of these instructions, consult an electrician.

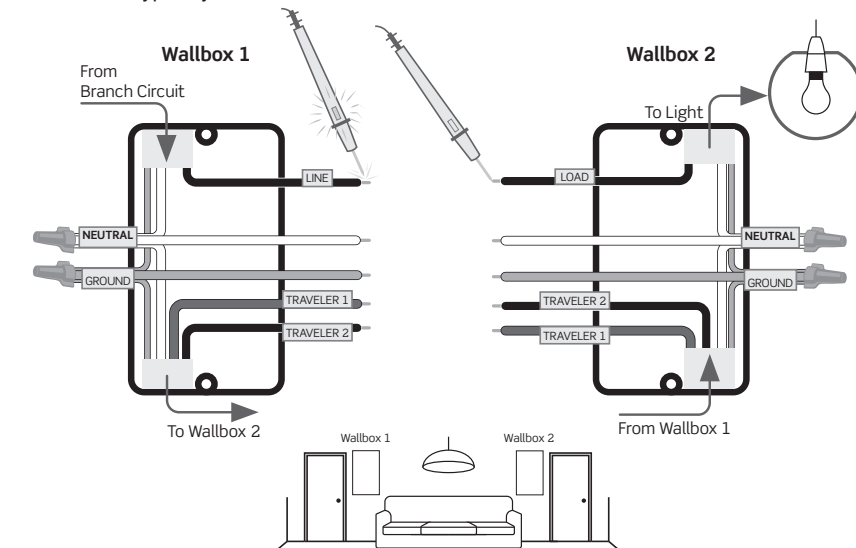


### Identify your wires 3-way wiring (most common)

**WARNING: TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER** at circuit breaker.

#### Check your wallbox:

1. Remove wallplate and disconnect existing switch.
2. Separate wires.
3. Restore power. Carefully test wires with voltage tester to find the line (hot) wire.  
**NOTE:** The traveler bundle (WHITE, RED, BLACK) jumps between both boxes and should not be energized when the power is restored.
4. Turn off power at the circuit breaker.
5. Mark the wires as shown below. Please note neutral wires are required to operate this device.  
**Quick tip:** Neutral wires are typically white and will be found bundled inside the electrical box



If your wallbox looks different, call an electrician.

### If you need help...

**ONLINE**  
www.leviton.com/support

**CHAT**  
www.leviton.com/contact

**CALL**  
1-800-824-3005 (USA)  
1-800-405-5320 (Canada)



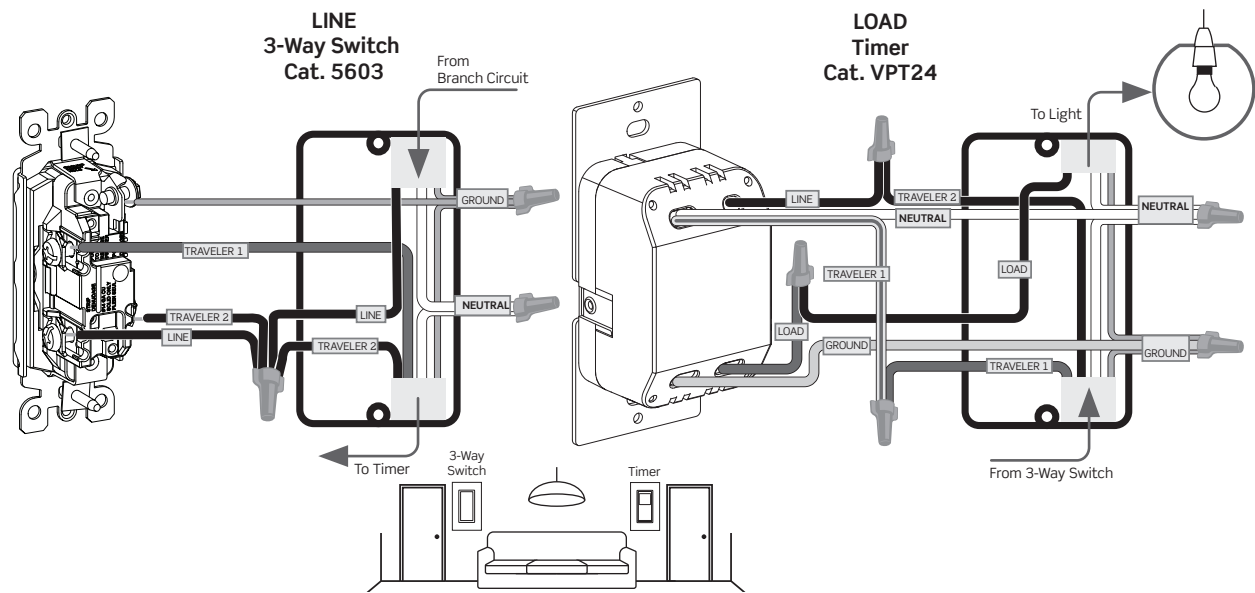
## Wire your timer

### 3-way wiring (most common)

1. Work on only one connection at a time.
2. Connect wires as shown, using the included wire connectors.

#### NOTES:

- The timer **must** be installed in the wallbox that has the **LOAD** connection.
- The 3-way switch must be installed in a wallbox with a **LINE** (Hot) connection.



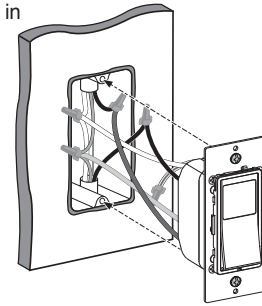
If you are unsure about any part of these instructions, consult an electrician.

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## Test and install

1. Position all wires to provide room in outlet wallbox for device.
2. Partially screw the mounting screws into the wallbox mounting holes.



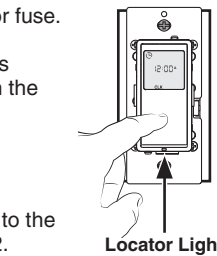
3. Restore power at the circuit breaker or fuse.
4. Wait until the screen of the timer lights up and the clock (12:00A) appears on the screen.

5. Press the switch to turn the light ON and OFF.

**NOTE:** If lights do not turn ON, refer to the "What to do if..." section on page 12.

**WARNING:** Turn OFF power at the circuit breaker before screwing in your switch.

6. Tighten mounting screws into wallbox.



7. Snap on wallplate and restore power.

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## Setup your timer

Scan the QR code for full setup instructions, including how to program schedules to control your lights, enter location coordinates, and set preferences such as countdown timer, daylight saving time, random mode, and more.

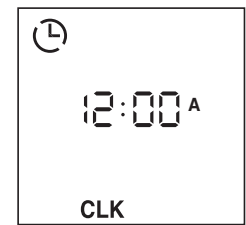


Scan the QR code for full setup and programming instructions.



## Default setup screen

When your product is powered on for the first time, the screen will light up and show a blinking 12:00 A. This means the timer is ready for you to set the correct time.



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## Default settings

Your timer comes with the following default settings:

DEFAULT SETTINGS	
Time	12:00AM
Date	Wednesday January 1, 2025
Coordinates	N 37°, W 119°
Zone	Mntn (Mountain)
DST (Daylight saving time)	On
Countdown timer	6 hours

#### IMPORTANT!

##### California Title 24:

The countdown timer is preset to 6 hours to meet California Title 24 requirements.

##### Changing settings:

Settings can be changed or updated at any time through the MENU options.

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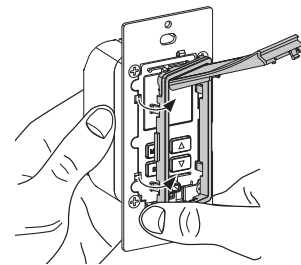


## Change the color of your timer (optional)

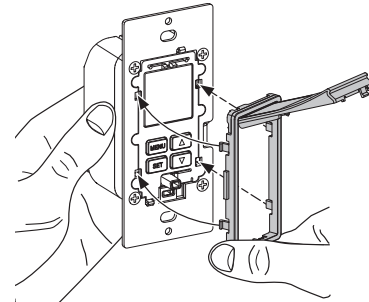
You can easily change the color of your timer using VPTKT faceplates available in Ivory, Light Almond, Gray, Black, and White.

If you need to change the color of the timer, please proceed with the following steps to remove the faceplate and snap on a new color:

1. Push the tabs on one side of the timer inward, and then pull the cover outward to release it from the timer.



2. Line up the tabs on one side with their openings, and then push in the tabs on the other side.



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## What to do if...

### Switch is wired and installed but the light does not respond:

- Make sure power has been restored at the circuit breaker.
- Verify wiring connections are correct. Confirm that the device is being supplied from a 120V, 60Hz AC source only.

### When power is applied to the switch, the lights is off and does not respond:

- For proper operation, the switch needs a line (hot), neutral, load and ground connections.
- Check if the LOAD has burned out.
- Confirm the white conductor is a neutral.
- The timer switch must be installed in a wallbox that has the LOAD connection.

### My lights work but they are flickering:

- Unscrew light bulb and test with voltage tester to make sure a line (hot) and neutral wire are connected to the light.

Scan QR code on page 10 to learn more about your timer.

Visit [leviton.com/support](http://leviton.com/support) or contact Technical Services at 1-800-824-3005 for additional help.

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## Safety first

### WARNINGS:

- **TO AVOID FIRE SHOCK OR DEATH; TURN OFF POWER** at circuit breaker or fuse when servicing, installing or removing device.
- This product is to be installed and/or used in accordance with electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

### CAUTIONS:

- Use only one (1) timer in a 3-way circuit.
- Recommended minimum wallbox depth is 2.5 in.
- Use this device with **copper or copper-clad wire only**.
- To avoid damage to the product, **DO NOT** use disinfecting products, including foggers, sprays or other types of atomized cleaning agents.
- **DO NOT** spray liquid onto the product.
- To clean use a damp cloth with mild soap.

## Limited 1 Year Warranty & Exclusions

### FCC COMPLIANCE STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/tv technician for help.

### FCC CAUTION

Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user's authority to operate the equipment.

### IC STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Patents covering this product, if any, can be found on [leviton.com/patents](http://leviton.com/patents)

For Leviton's limited product warranty, go to [www.leviton.com](http://www.leviton.com). For a printed copy of the warranty, call 1-800-824-3005.

### FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada ULC to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.

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WEBVERSION