

INSTALLATION INSTRUCTIONS INDOOR TIMER

WARNINGS AND CAUTIONS:

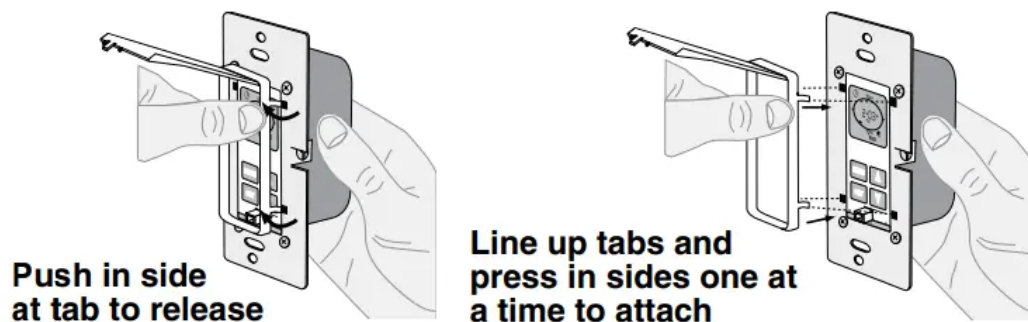
- **TO AVOID FIRE SHOCK OR DEATH; TURN OFF POWER** at circuit breaker or fuse when servicing, installing or removing fixture.
- To be installed and/or used in accordance with electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.
- vizia +™ electronic switches are not compatible with standard 3-way or 4-way switches. They must be used with compatible vizia +™ on/off remotes.
- Recommended minimum wall box depth is 2-1/2".
- Use only one (1) vizia +™ digital timer switch in a multi-location circuit with up to 9 coordinating remote switches (without LEDs) or up to 4 matching remote switches (with LEDs).
- Maximum wire length from digital timer switch to all installed remotes cannot exceed 300 ft (90 m).
- Use this device with **copper or copper clad wire only**.

Tools needed to install your Timer Switch

- Slotted/Phillips
- Screwdriver
- Pencil
- Electrical Tape
- Cutlery
- Pliers
- Ruler

Changing the color of your device

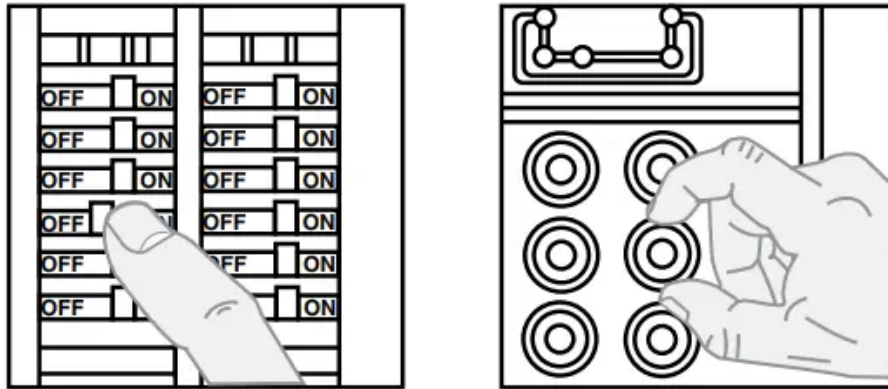
Your device may include color options. To change color of the face, proceed as follows:



Installing your Timer Switch

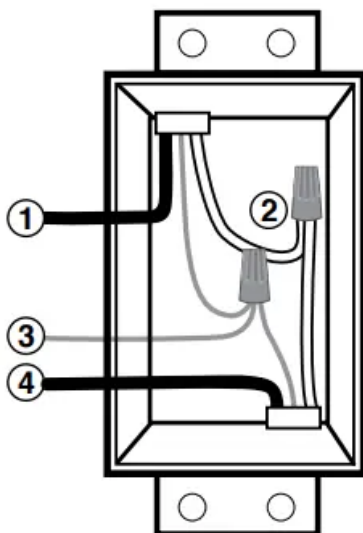
NOTE: Use check boxes when Steps are completed.

Step 1: WARNING: TO AVOID FIRE SHOCK OR DEATH; TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!

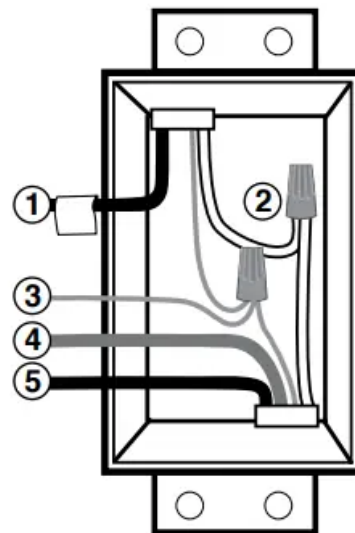


Step 2: Identifying your wiring application (most common):

NOTE: If the wiring in your wall box does not resemble any of these configurations, consult a qualified electrician.



Single Pole



3-Way

Single Pole

1. Line (Hot)
2. Neutral

3. Ground
4. Load

3-Way

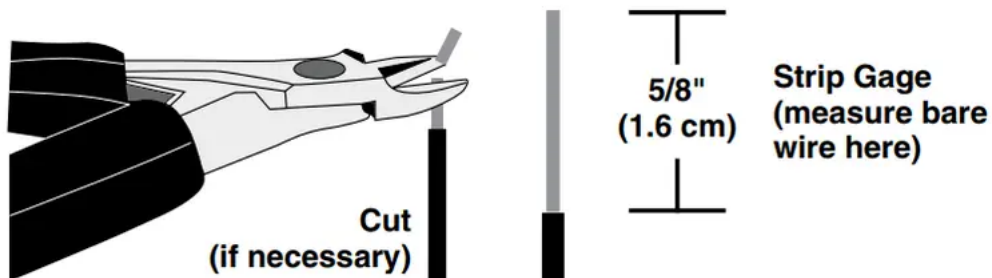
1. Line or Load (see important instruction below)
2. Neutral
3. Ground
4. First Traveler – note color
5. Second Traveler – note color.

NOTE: For matching remotew/LEDs installation, the First Traveler becomes Line Hot.

IMPORTANT : For 3-Way applications, note that one of the screw terminals from the old switch being removed will usually be a different color (Black) or labeled Common. Tag that wire with electrical tape and identify as the common (Line or Load) in both the switch wall box and remote wall box.

Step 3: Preparing and connecting wires:

Pull off pre-cut insulation from timer leads. Make sure that the ends of the wires from the wall box are straight (cut if necessary). Remove insulation from each wire in the wall box as shown.



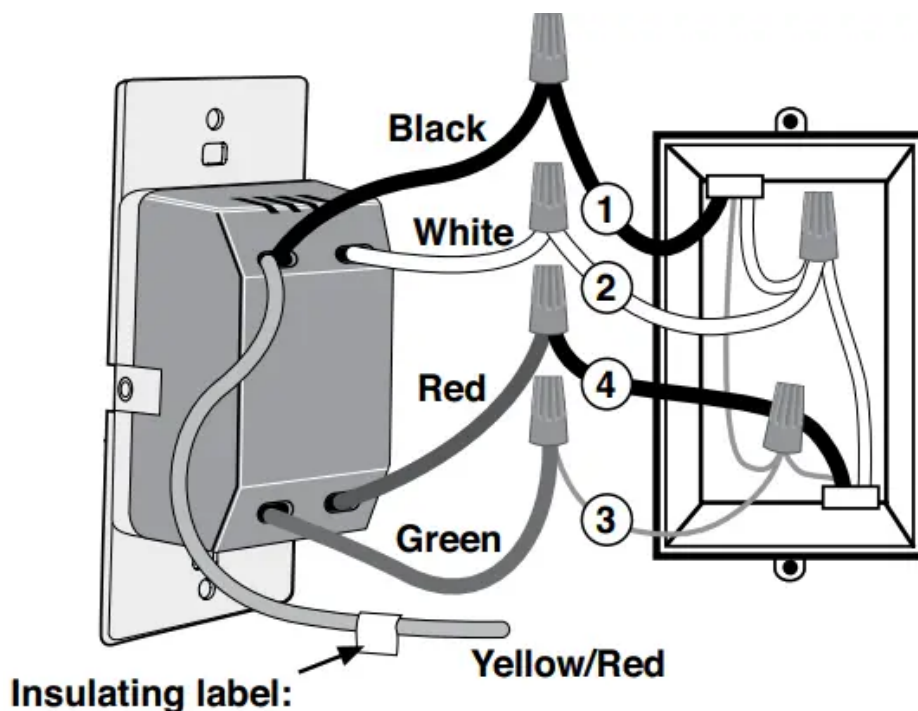
For non-standard wiring applications, refer to Wire Nut and Conductor Size Chart

WIRE NUT / # OF CONDUCTOR COMBINATION CHART
1- #12 w/ 1 to 3 #14, #16 or #18
2- #12 w/ 1 or 2 #16 or #18
1- #14 w/ 1 to 4 #16 or #18
2- #14 w/ 1 to 3 #16 or #18

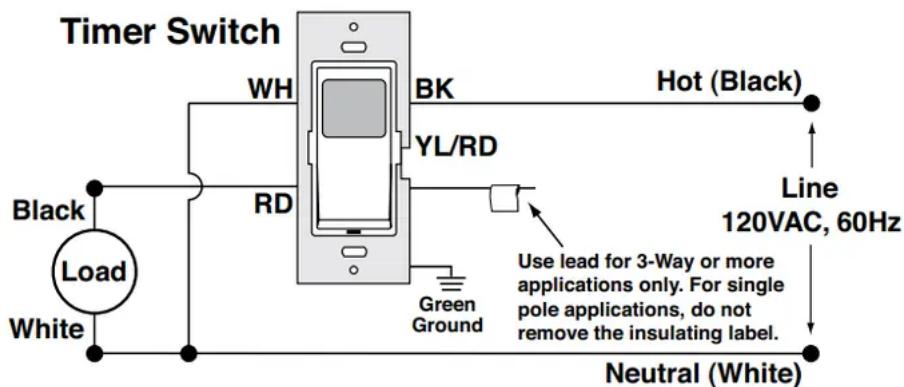
- Make sure that the ends of the wires from the wall box are straight (cut if necessary).
- Remove insulation from each wire in the wall box as shown.
- For Single-Pole Application, go to Step 4a.

- For 3-Way Coordinating Remote (no LEDs) Application, go to Step 4b.
- For 3-Way Matching Remote (with LEDs) Application, go to Step 4c.

Step 4a Single Pole Wiring Application:



Insulating label: This wire is used in 3-way installations only. For single pole installations, do not remove insulating label.



WIRING TIMER SWITCH:

Connect wires per WIRING DIAGRAM as follows:

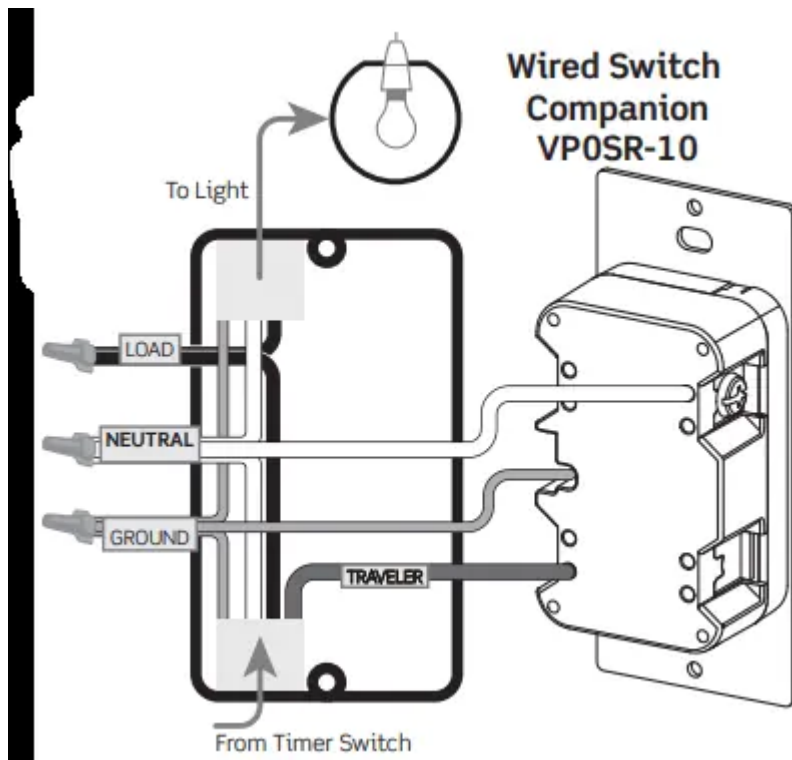
- Green or bare copper wire in wall box to timer switch Green lead.
- Line Hot wall box wire to timer switch Black lead.
- Load wall box wire to timer switch Red lead.
- Line Neutral wall box wire to timer switch White lead.

- **NOTE:** If label is missing place electrical tape around the timer switch Yellow/Red lead. Ensure no strands are exposed.
- Proceed to Step 5.

Step 4b: 3-Way Wiring with Wired Switch Companion, VP0SR-10, (no Indicator Light) Application:

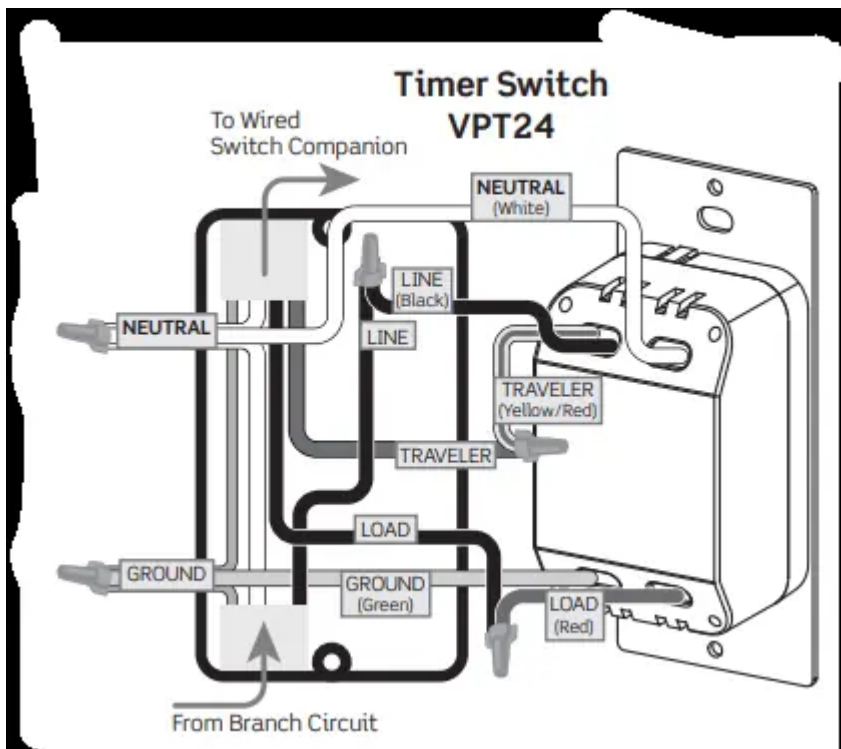
WIRING SWITCH COMPANION (VP0SR-10):

- “BK” and “RD” terminals on wired switch companion are unused. Tighten both screws.



WIRING TIMER SWITCH:

- The timer switch must be installed in a wall box that has a LINE (Hot) connection. • Proceed to page 7.

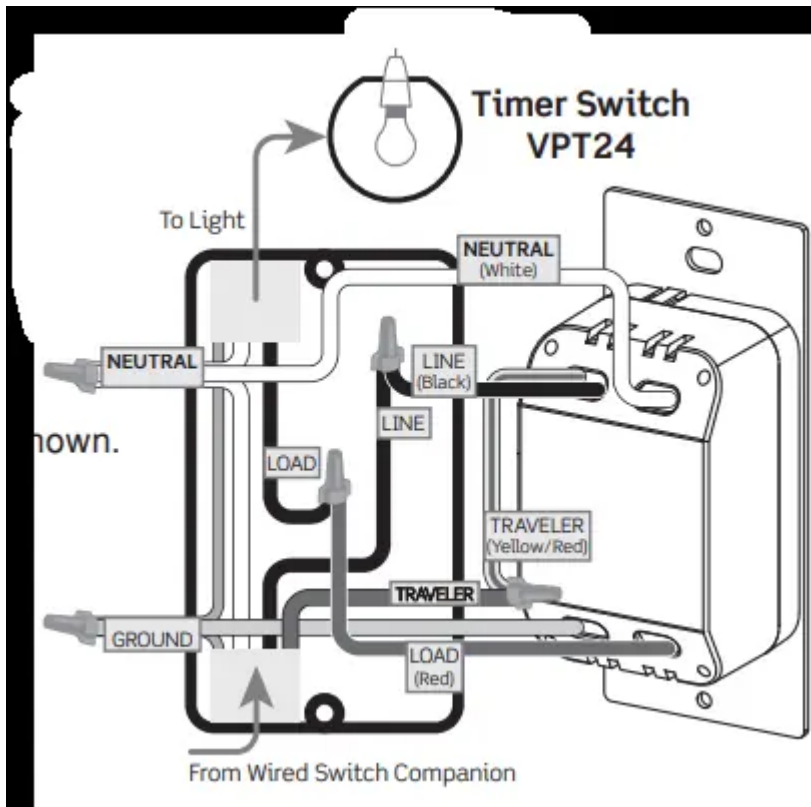


NOTE: Maximum wire length from timer to all installed wired switch companion cannot exceed 300 ft (90 m)

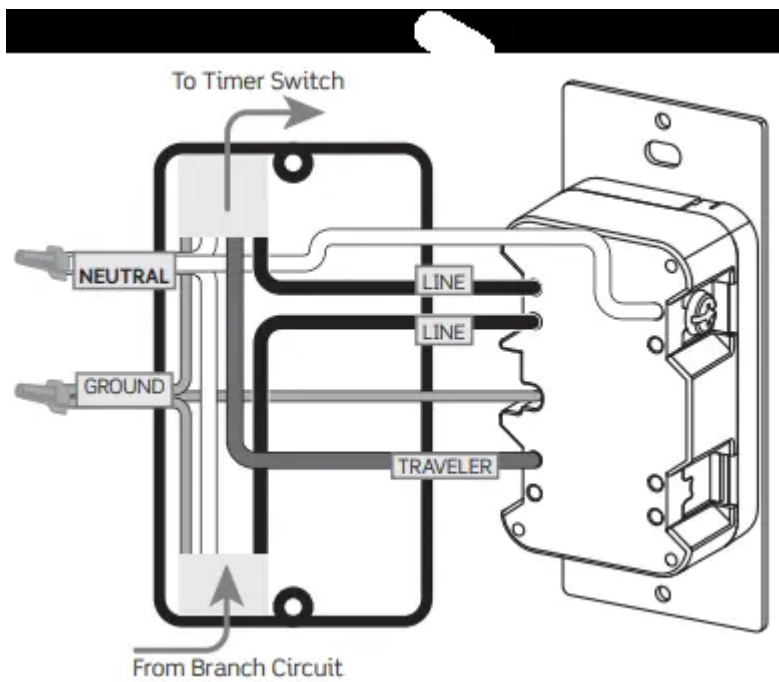
Step 4c: 3-Way Wiring with Wired Switch Companion, VP0SR-10, (no Indicator Light) Application:

NOTE: The timer switch must be installed in a wall box that has a LOAD connection. The wired switch companion must be installed in a wall box with a LINE (Hot) connection and a NEUTRAL connection. A NEUTRAL wire to the wired switch companion needs to be added as shown.

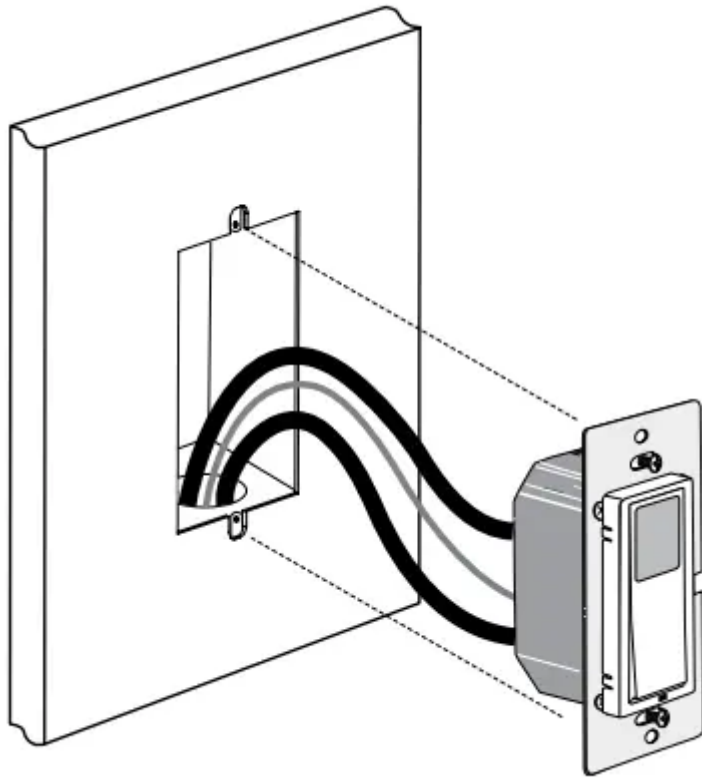




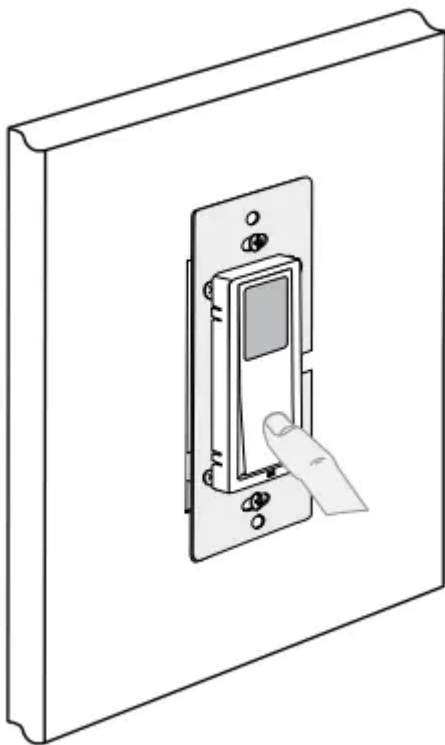
NOTE: Maximum wire length from timer to all installed wired switch companion cannot exceed 300 ft (90 m).




Step 5 Testing your Switch prior to mounting in wall box:



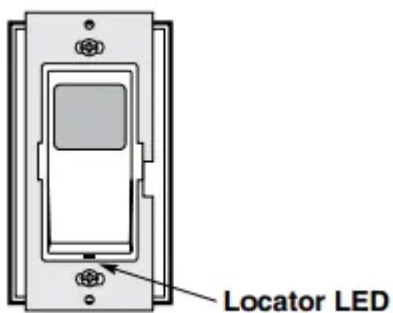
- Position all wires to provide room in outlet wall box for device.
- Ensure that the word “TOP” is facing up on device strap.
- Partially screw in mounting screws in wall box mounting holes.



NOTE: Dress wires with a bend as shown in diagram in order to relieve stress when mounting device.

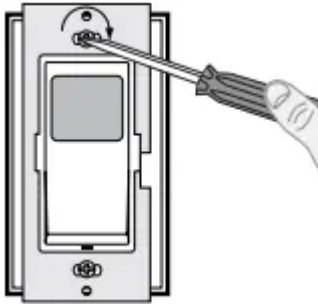
- Restore power at circuit breaker or fuse.
- Wait until  or lime is displayed on the screen.
- Press pad until locator light is OFF. Load should turn ON

If loads do not turn ON, refer to the TROUBLESHOOTING section.



Step 6: Switch Mounting: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE

- Installation may now be completed by tightening mounting screws into wall box. Attach wallplate



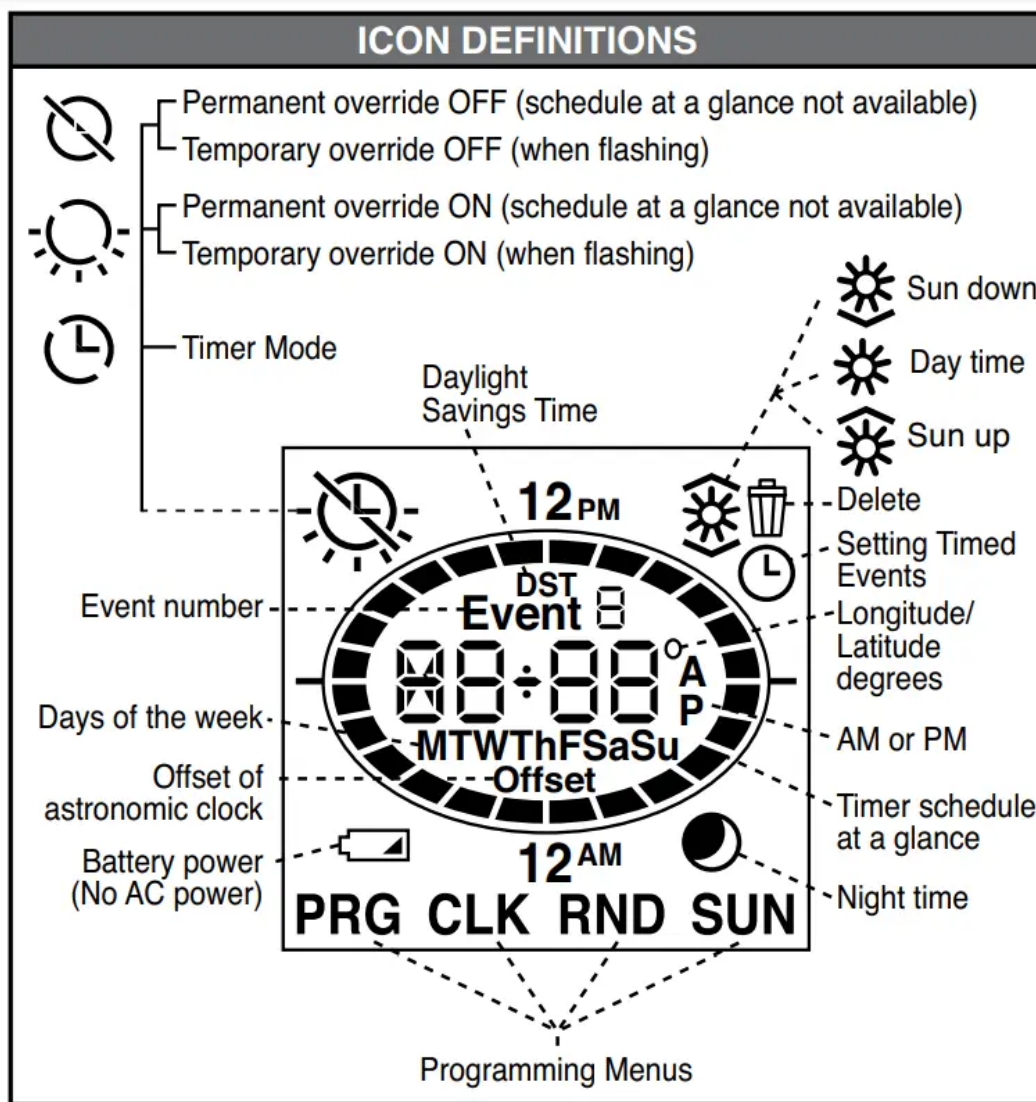
Step 7: Restore Power:

Restore power at circuit breaker or fuse.

Installation is complete.

NOTE: The Digital Timer Switch is equipped with an intel rechargeable battery back-up to keep programmed settir in the event of a power interruption.

OPERATION



Timer Schedule at a Glance will allow you to quickly see your timers

ON/OFF settings for the day. The displayed segments represent the time(s) your load will be on. The segment representing the current time will be flashing.

Backlit LCD display will light up when any button is pressed and will extinguish 30 seconds after the last button press.

PROGRAMMING GUIDE

Decide which mode is best for your application:

Pro mode or Standard mode



Pro Mode provides up to 50 ON/OFF events for any day or combination of days. M-Su. M-F. or Sa-Su at desired fixed times or self adjusting Sunup and Sundown times. In this mode self adjusting Daylight Savings Time and random modes are also available.

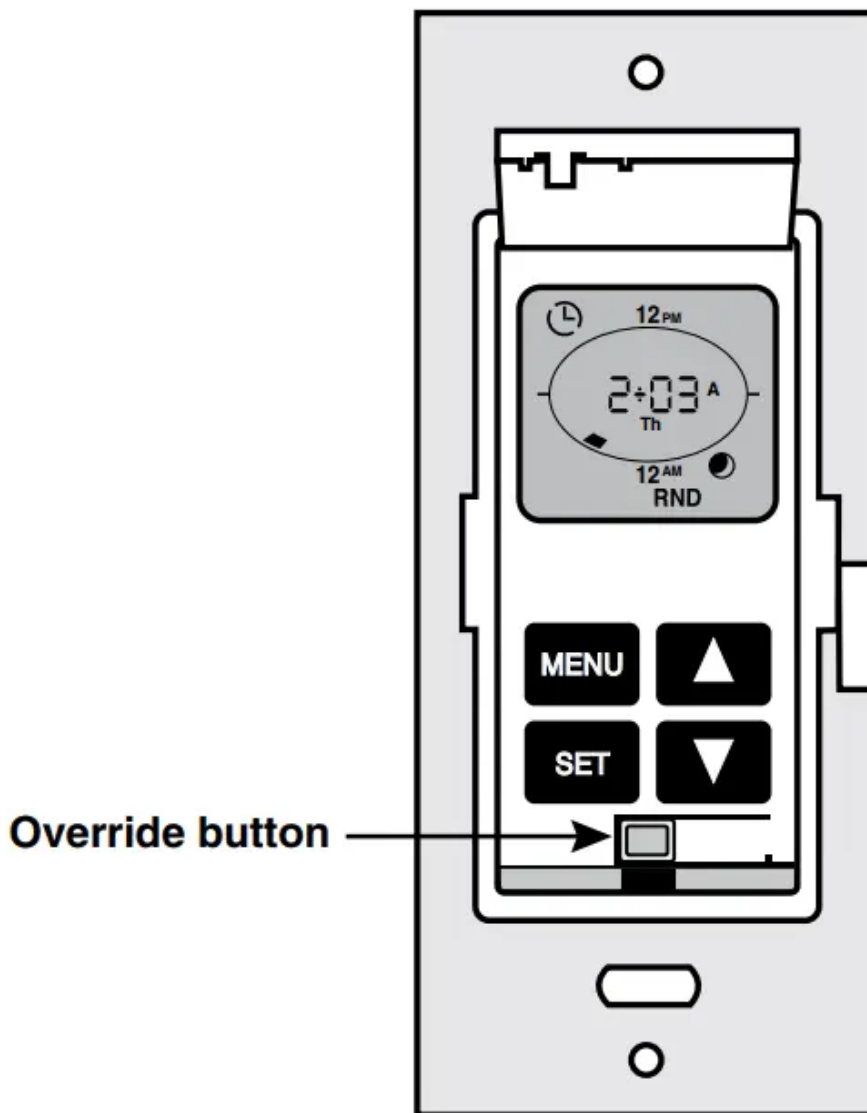
Std Mode provides up to 3 ON/OFF events for M-Su. M-F. or Sa-Su at desired fixed times only. Self adjusting Sunup and Sundown and


Daylight Savings Time are NOT available in Standard Mode.

To exit programming at any time press override button 



To program your device:

a) Perform a System Reset by gently lifting the VPT24 door from the bottom of the push pad until an audible click is heard. The door will stay open while you are programming the device:



b) Press and hold **SET** followed by  (Override) until **DEL** stops flashing and **rst** flashes (approximately 5 seconds).





Press **SET** to confirm device Reset.


c) Product will go through a brief self test and then **MODE** will begin to flash. Choose **Pro** or **Std** by using  or  until the selected mode appears and pressing **SET** to confirm your choice.



d) Continue to the programming section for the Mode chosen.




PROGRAMMING PRO MODE

1. Setting up the Time. Daylight Savings Time Option and the Date:

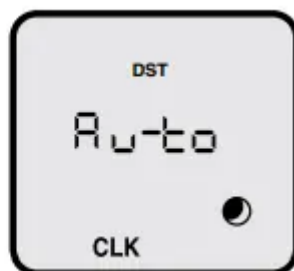
a.  will be flashing. Press  or  to select the hour and press **SET** to confirm your choice.  will be flashing.




b.  will be flashing. Press  or  to select the minutes and press **SET** to confirm your choice.









c. **A** or **P** will be flashing. Press  or  to select A for AM or P for PM and press **SET** to confirm your choice.

d.  will be flashing. Set the daylight savings time mode to OFF or AUTO (for automatic adjustment of daylight savings time) by using  or  to choose daylight savings time option and press to confirm your choice.

NOTE: Daylight Savings Time shall start at 2am on the second Sunday of March (add one hour) and end at 2am on the first Sunday of November (subtract one hour).



e.  will be flashing. Use  or  to choose the year and press **SET** to confirm your choice.

- f.  will be flashing. Use  or  to choose the month and press  to confirm your choice
- g.  will be flashing. Use  or  to choose the date and press  to confirm your choice. The day of week will automatically adjust.

2. Programming your Timer Options:











- a. Setting Sunup. Sundown. desired Offset Time and Time Zone:



Sunup and Sundown are automatically adjusted using the latitude and longitude coordinates of your location. To obtain these coordinates go to leviton.com/VPT24 and click on Longitude/Latitude Coordinates Lookup Type in your home address and press enter. Your latitude (N) and longitude (W) coordinates will be shown on the screen. Write down only the 2 or 3 digit number.





Disregard a negative symbol (-) if it precedes the number.

The time zones are limited to the North American Continent. The options you are presented are determined via your longitude in the chart below:





TIME ZONE CALCULATIONS	
Longitude	Time Zone
60° – 80°	Eastern
81° – 95°	Eastern, Central
96° – 110°	Central, Mountain
111° – 135°	Mountain, Pacific, Alaskan
136°-143°	Pacific, Alaskan, Hawaii-Aleutian
144°+	Alaskan, Hawaii-Aleutian

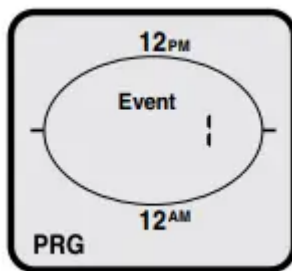
- On your timer press  until SUN appears at the bottom of the screen and press  to confirm your choice.
- Use  or  to choose your latitude (N) and press  to confirm your choice.
- Use  or  to choose your longitude (W) and press  to confirm your choice.
-  will be flashing to represent the offset time. Choose the amount of time, if any, to turn the load ON/OFF before or after Sunup and Sundown by pressing  to add time







to the Sunup/ Sundown time and use  to subtract time from the Sunup/ Sundown time. Press  to confirm your choice (up to 3 hours and 59 minutes).

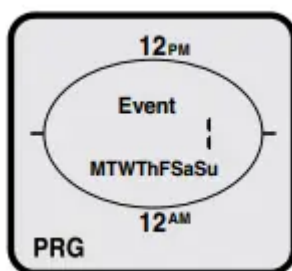
-  will appear. The time zone closest to the coordinates you entered will flash. Press if this is correct. If this is not correct use  or  to choose your time zone and press  to confirm your choice.


b. Setting ON/OFF Events:

- Press  until PRG is in the lower left corner. Press  to enter the programming mode.
- Event 1 will be flashing. Press to choose this event or use  to move to the next event and press  to confirm your event number choice.

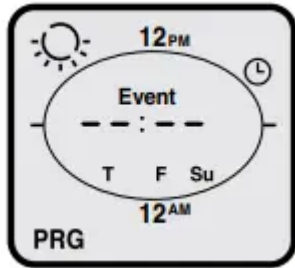


- All days of the week will be flashing. Press to choose all days of the week or use  or  to scroll through M-F. Sa Su. any single day or combination of days. **NOTE:** To choose a combination of days press  after each day you want and then move on to the next day by pressing  or . Continue to scroll using  until PRG flashes.



- When done choosing the desired days PRG in the lower left corner will flash. Press  to confirm the chosen days and continue on to choosing the event TURN ON

TIME.







- At use or to choose for time. for Sundown. for Sunup or to delete an existing program and press to confirm your choice.
- If is chosen. use or to choose the hour and press to confirm your choice. Do the same for minutes.
- At 6:00P press to choose a TURN OFF TIME or use or to choose for Sundown. for Sunup or to delete an existing program and press to confirm your choice.
- If is chosen. use or to choose the hour and press to confirm your choice. Do the same for minutes.
- Continue to set desired events in the same manner. When this is done press to escape out of programming. If no buttons are pressed after approximately 30 seconds the device will automatically exit out of programming mode.























PROGRAMMING STANDARD MODE

To set the clock:

- will be flashing. Use or to choose the hours. Press to confirm your choice.
- The minutes will be flashing. Use or to choose the minutes. Press to confirm your choice.
- A for AM or P for PM will be flashing. Use or to choose the

- **A or P.** Press  to confirm your choice.
- The day of the week will be flashing. Use  or  to choose the day. Press  to confirm your choice.







To set ON/OFF Events:

- Press  until PRG is in the lower left corner. Press to enter the programming mode.
- Event 1 will be flashing. Press  to choose this event or use  to move to the next event and press  to confirm your event number choice.
- All days of the week will be flashing. Press  to choose all days of the week or use  or  to scroll through M-F and Sa-Su. Press  to confirm your days of the week choice and continue to program the event ON TIME.
- At  use  or  to choose for time. or  to delete an existing program and press  to confirm your choice.
- Use  or  to choose the hour and press  to confirm your choice. Do the same for minutes and press  to confirm your choice. Continue to program the event OFF TIME.
- At 6:00P press to choose the OFF TIME or use  or  to choose  to delete an existing program and press  to confirm your choice.
- Continue to set desired events in the same manner. When you are done press  to escape out of programming. If no buttons are pressed after approximately 30 seconds the device will automatically exit out of programming mode.

TIMER OVERRIDES





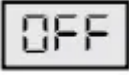


- Activate Temporary Override by pressing the push pad to toggle the load (ON to OFF or OFF to ON).
- Activate Permanent Override by pressing and holding the push pad for several seconds to maintain the load in the current state (either ON OFF).

HANGING SETTINGS

- Press  until CLK appears at the bottom of the screen . Press  to enter this mode. Adjust the clock using  or  and pressing  after each setting.




Turning Random Mode ON/OFF (Pro Mode ONLY):

This function will add or subtract anywhere from 1 to 20 minutes to each selected ON and OFF time to create a random pattern.

- Press  until RND appears at the bottom of the screen and press  to enter this mode.
- Use  or  to toggle between  and  press  to confirm your choice.

DELETE ALL EVENTS

If at any time you want to delete all of your programmed events, you can perform a DELETE ALL EVENTS function:

- Gently lift the VPT24 door from the bottom of the push pad until an audible click is heard.
- Press and hold  followed by  (Override) until  stops flashing. Upon releasing both buttons all events will be deleted and the Timer Schedule at a Glance will appear with only the current time segment flashing.

USE IN MULT-LOCATION APPLICATIONS

When using a remote switch(es) with your vizia +™ 24 hour timer you will be able to activate the temporary override or the permanent override from the remote switch. To activate or deactivate the temporary override press the push pad on the remote switch. To activate permanent override press and hold the remote switch push pad. Either of these actions will toggle the state of the load.

TROUBLESHOOTING

- **Lights flickering or intermittent power to load**
 - Load has a bad connection.
 - Wires not secured firmly with wire connectors of timer switch or terminal screws of remote.

- **Load does not turn ON and Locator LED does not turn ON**

- Circuit breaker or fuse has tripped.
- Load is burned out.
- Load Neutral connection is not wired.

- **Remote does not operate lights**

- Ensure that total wire length does not exceed 300 ft (90 m).

Wired switch companion does not operate lights:

- Ensure that total wire length does not exceed 300 ft. (90 m).

NOTE: The timer switch must be installed in a wall box that has a LOAD connection. The wired switch companion must be installed in a wall box with a LINE (Hot) connection and a NEUTRAL connection. A NEUTRAL wire to the wired switch companion needs to be added as shown.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.