**NOTE:** If you are unsure or unclear about this installation or if the wires in your box do not match the manual (not all switch boxes have neutral wires), contact a qualified licensed electrician.

**Installation**

### Single pole installation (see Figure 1)
- Disconnect the power at the circuit breaker or fuse box, and remove the existing switch.
- Connect the wires of the timer to the wall box as shown, using the wire nuts provided.
- Connect the hot/white wire from the line to the black wire from the timer.
- Connect the neutral/white wire from the line to the blue wire from the timer.
- Connect the ground/wire to the green wire from the timer.
- Connect the neutral (white) wires from the timer to the neutral (white) wire in the switch box. Often the neutral (white) wire can be found in the back of the wire box connected with a wire nut. There may be several neutral wires bundled together. Add the neutral to all neutral wires bundled together making sure the wire nut is tight. Always use only copper wiring. The neutral wires may not be touching the back of the switch box with a wire nut, and there may be several neutral wires bundled together. Add the neutral to all neutral wires bundled together, making sure the wire nut is tight.
- Connect the jumper back to the common connection from the switch.
- Reconnect the power to the circuit by turning the circuit breaker or fuse box on.

### Preparing for Multi-Switch Installations

1. When combining controls in a wall box, remove all the inner side sections prior to making the electrical connections.
2. Use plungers to bend the side sections up and down until it breaks off. (See Figure A)
3. Repeat the process for each side section to remove the faceplate.
4. Use pliers to bend the side section up and down until it breaks off. (See Figure A)
5. Tuck the wires into the switch box, leaving room for the timer.

### Changing the Faceplate

This device includes a light-almond faceplate. To switch faceplates, follow these steps:
- Gently remove the white faceplate using a flathead screwdriver. Starting at the top left corner, gently pry the faceplate loose, working around the edge until it flips off.
- Use the included small faceplate in the package. Place the new faceplate into position and carefully push it until it snaps into place.

### Use and Care Guide

**DAYLIGHT ADJUSTING INDOOR DIGITAL TIMER**

Before returning to the store, call Defiant Customer Service 8 a.m. – 6 p.m., EST, Monday – Friday. We appreciate the trust and confidence you have placed in Defiant through the purchase of this daylight adjusting indoor digital timer. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Defiant!

**Typical Wiring Diagram for 3-way installation**

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

### Typical Wiring Diagram for 3-way installation with timer on line side

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

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  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LINE SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.

- **SWITCH ON LOAD SIDE**
  - Disconnect the power from the circuit by turning off the circuit breaker or removing the fuse from the fuse box.
  - Remove the 3-way switch from the wall box. Remove and label the common wire, and remove one of the other wires.


Connect the common wire (1) to the black wire from the timer using the supplied wire nuts. Connect the white wire from the neutral to the neutral wire (white). The neutral wires may be bundled together in the back of the box, and there may be several neutral wires located together. Add the neutral to all neutral wires located together, ensuring the wire nut is tight. Connect the two remaining wires to the red wire (5) and blue wire (4) from the timer. If the wires are colored or marked, you can tell them apart and note their markings for use later.

Connect the green wire (3) to the ground wire (green or bare wire in box). Connect the jumper wire from the switch to both the load wire and wire (4). You should have three wires connected with one wire nut.

Carefully tuck the wires into the switch box, leaving room for the timer.

**SWITCH ON LOAD SIDE**

- Remove the load side 3-way switch and wires, and label the common wire (4).
- Connect the power wire from the switch to both the load wire and wire (4). The switch should have three wires connected with one wire nut. Do not connect the powerleads to the common input of the 3-way switch. The wire nut (5) should be connected to one of the other connections of the 3-way switch.
- Carefully tuck the wires into the switch box, leaving room for the timer.
- Using the screws provided, install the timer by carefully not to crush or pinch any wires. Rounder power at the circuit breaker or fuse box. Verify that the load turns ON and OFF when you manually turn the timer ON and OFF.
- Perform this step with the remote switch in both positions. If the load does not operate properly, swap wires (4) and (5). If you can check the wire leads are not broken or turned ON/Off properly, check your wiring. Like the screws provided to install the timer in the box, being careful not to crush any wires.

**Product Description**

1. **ON/OFF button:** Turns the timer ON/OFF.
2. **SETUP button:** Press once to select the calendar/lock. Press twice to select and change programming.
3. **“+” and “–” buttons:** Press to scroll through more options.

### Programming ON/OFF times

Set the setup button (2) twice to begin program programming ON/OFF times, and “P1 ON” will display.

- Press the setup button (2) then press the “+” button (3) until the setup button displays.
- Press the setup button (2) twice to select the day you want to program the timer ON.

There are three options to choose from when selecting the program ON time. Press the “+” or “–” button (3) to scroll through these options (Dusk, Time for custom times, or Dawn). If you chose to turn the timer ON at Dusk or Time, the program will automatically adjust for Daylight Saving Time. Press the “+” or “–” button (3) until the hour you want the timer to turn ON is selected. Press the enter button (7), and “P1 ON” and “PRG” will be displayed. If you need additional programs, press the setup button (2) then press the “+” or “–” button (3) to select the days you want to program the timer ON.

### Operating Instructions

1. **Setting up the timer for the first time**

**NOTE:** This timer will automatically return to the clock mode (a button is not pushed for 20 seconds). Push the setup button (2) once to return to program mode if this happens.

- Remove the protective film from the screen.
- Using the tip of a pen, gently press and hold the reset button (6) until you see the word “RESET” scroll across the screens. Release the button and “12:00 AM” will begin to flash.
- Press the setup button (2) and “CAL” will begin to flash. Press the enter button (7) twice to begin setting the calendar, and the year will begin to flash.
- Press the “+” or “–” button (3) to set the current year. Press the enter button (7), and the month will begin to flash.
- Press the “+” or “–” button (3) to set the current month. Press the enter button (7), and the day will begin to flash.
- Press the “+” or “–” button (3) to set the current day. Press the enter button (7) to confirm, and “DAY” will begin to flash. Press the enter button (7) once more to begin setting the current time (24 hour), and the hour will begin to flash.
- Press the “+” or “–” button (3) to set the current hour. Press the enter button (7) when the hour and AM/PM are correct, and the minute will begin to flash.
- Press the “+” or “–” button (3) to set the current minute. Press the enter button (7) to confirm, and “DST” will begin to flash.
- Press the “+” or “–” button (3) to set Daylight Savings Time: ON/OFF. Press the enter button (7) to confirm.

- Press the enter button (7) to save current date and time information.

**NOTE:** Choose DST ON if your local area observes daylight saving time. The timer will automatically adjust forward and backward an hour. Choose DST OFF if your local area does not observe daylight saving time.

### Using the random feature

The random feature will vary the times ON and OFF using the programmed times < or > 30 minutes, giving the house a more lived-in appearance while the occupant is away.

- Push the auto button (5) twice to activate the random feature. The screen will change from AUTO to RND.
- Push the auto button (5) once to deactivate the random feature and return the timer to its current programming.

### Reviewing previously entered programs

- Press the setup button (2) twice, then press the “+” or “–” button (3) to select the programming previously entered programs.
- Press the enter button (7) when done reviewing.

### Deleting previously entered programs

- Press the setup button (2) twice, then press the “+” or “–” button (3) to select the program you wish to delete. Press the enter button (7) and “DEL” will display.
- Press the “+” or “–” button (3) until the screen reads “DEL,” then press the enter button (7).

This program is now deleted, and you may use the “+” or “–” button (3) to select another program for deletion following the steps above. Press the enter button (7) when you have completed deleting all desired programs.

### Setting the time zone

- View the map below and determine which zone best fits your location.
- Press the enter button (7) to confirm setting your time zone, and “DST” will begin to flash. Use the “+” or “–” button (3) to select the zone identified. Press the enter button (7) twice to confirm, and “DST” will be displayed with an approximate dawn time for your zone.
- Press the enter button (7) to set your current dawn hour. Press the enter button (7) to confirm and “DST” will be displayed.
- Use the same process to set the dusk hour and minutes, and “SAVE” will be displayed.
- Press the enter button (7) to save the current date and time information.

### 3 Programming ON/OFF days

- Press the setup button (2) twice to begin programming ON/OFF days, and “P1 ON” will display.
- Press the setup button (2) then press the “+” button (3) until the setup button displays.
- Press the setup button (2) then press the “+” button (3) to select the day you want to program the timer ON.
- Once finished, “Save” will begin flashing. Press the enter button (7) twice to save the program, and press the auto button (5) to activate. If you need additional programs, press the setup button (2) then press the “+” or “–” button (3) to select the days you want to program the timer ON. Once finished, press the auto button (5) to complete the programming.

**NOTE:** All programs are active all of the time. If you have multiple programs entered for the same days, the timer may act erratically.

**NOTE:** When completing steps 1-4, the procedures must be followed through, and you must press the enter button (7) when “Save” appears on the screen.

### 4 Programming ON/OFF times

There are three options to choose from when selecting the program ON time. Press the “+” or “–” button (3) to scroll through these options (Dawn, Time for custom times, or Dusk). If you chose to turn the timer ON at Dusk or Time, the program will automatically adjust for Daylight Saving Time. Press the “+” or “–” button (3) to select the minutes you want the timer to turn ON. Press the enter button (7), and “P1 OFF” and “PRG” will be displayed. Follow the previous steps to set the OFF days and times.

Once finished, “Save” will begin flashing. Press the enter button (7) to save the program, and press the auto button (5) to activate. If you need additional programs, press the setup button (2) then press the “+” or “–” button (3) to select the days you want to program the timer ON. Once finished, press the auto button (5) to complete the programming.