DEFIANT®

Use and Care Guide
INDOOR DIGITAL TIMER

Item #470-906
Model #49815
UPC #043180498151

Before You Begin

Product Features

- ☐ Set one or more multiple ON/OFF settings for each day of the week, daily cycles, or weekday - weekend cycles
- ☐ Stores up to 4 individual programs
- ☐ A Random feature which turns the lights off and on between 30 minutes before and after the programmed time, giving the appearance that somebody is currently home

Pre-Installation Requirements

- ☐ This timer will only operate with incandescent, halogen, or xenon bulbs. **Do not use this timer with CFL or LED bulbs.**
- ☐ This timer can only be installed in a single pole installation. Do not install on a 3-way switch.

Safety Information

RISK OF ELECTRIC SHOCK:
- ☐ Shut off the power at the fuse box or circuit breaker before installation
- ☐ Do not use in wet locations
- ☐ Use indoors only

RISK OF ELECTRIC FIRE:
- ☐ Do not use to control appliances that contain heating elements such as cooking appliances, heaters, and irons
- ☐ Do not exceed electrical ratings
- ☐ Do not use to control receptacles
- ☐ Use only copper wire with this device

WARNING ⚠️

Not for use with CFL or fluorescent bulbs. Use with incandescent, xenon, or halogen bulbs.

The safety ground must be connected for proper operation.

If you are unsure or unclear about this installation, contact a qualified licensed electrician.

This timer is equipped with memory back up that will protect the settings for up to 60 minutes. You never have to replace batteries. The internal backup requires about 12 hours to fully charge.
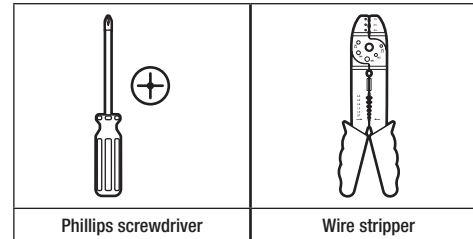
Product Specifications

- ☐ Single pole, no neutral wire is needed
- ☐ Replaces a standard wall switch or older spring wound timers

RATINGS			
120 VAC, 60 Hz	5A/ 600W Tungsten	5A/ 600W Resistive	40° C Max Temp

Hardware Included

AA - Wire Nut x3	BB - Screw x2

Suggested Tools

|	
Phillips screwdriver	Wire stripper
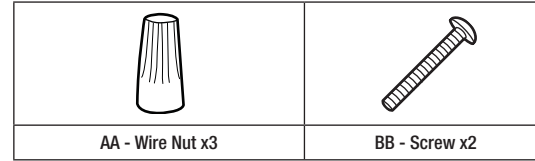
Installation Terms and Options

BASIC WIRING TERMINOLOGY

To better familiarize yourself with the wiring terminology and concepts referenced in this manual, please review the following information before you begin wiring this timer to your switch box. If at any time during the wiring process you become uncertain, please contact a certified electrician.

- ☐ Line: This is the 120 volt feed wire (line in).
- ☐ Load: This is the wire that controls the fixture (load out).
- ☐ Single-Pole Switch: A single-pole switch only controls a fixture from a single location. A typical example of where you would find a single-pole switch is your bedroom or bathroom light switch.

Programming Instructional Video
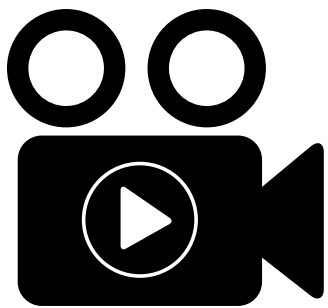
To view an instructional video on how to program this product:

1. **Go to www.homedepot.com and enter either the Item or Model number found in the top right corner of this instruction sheet in the search field.**
2. **Click on your product from the list of search results and click on the video link in the Product Overview section.**

Single Pole Installation

1 INSTALLING THE TIMER

a. **Turn OFF the main power at the circuit breaker or fuse box.**

b. Remove the existing switch.

c. Connect the wires of the timer to the wall box as shown in Figure 1, using the wire nuts provided.

- ☐ Connect the line wire to the black wire from the timer.
- ☐ Connect the load wire to the blue wire from the timer.
- ☐ Connect the ground wire to the green wire from the timer. Timer will not operate without a ground.

d. Ensure that all wire nuts are secure, and tuck the wires into the wall box, leaving room for the timer.

e. Using the screws provided, mount the timer to the wall box, being careful not to crush any wires.

f. Turn the main power ON at the circuit breaker or fuse box.
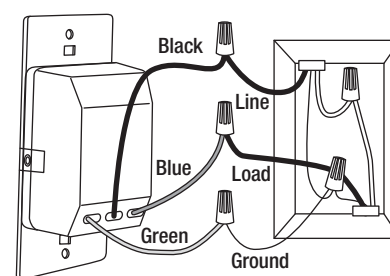
g. Place power switch (1) in ON position.

Figure 1

Initial Setup

PRODUCT DESCRIPTION

Part	Description
1	POWER switch: Slide the switch to the left to disrupt power to the timer/ fixture. Slide switch to the right to restore power to the timer/ fixture.
2	SETUP/PGM button: Press to enter/exit programming mode.
3	"+" button: Press to scroll upward.
4	"−" button: Press to scroll downward.
5	ON/OFF button: Turns the timer ON/OFF.
6	RESET button: Press and hold for three seconds to reset the system.
7	AUTO button: Press once to activate auto mode.
8	RANDOM button: Press once to activate the random feature.
9	ENTER button: Press to confirm indicated settings.
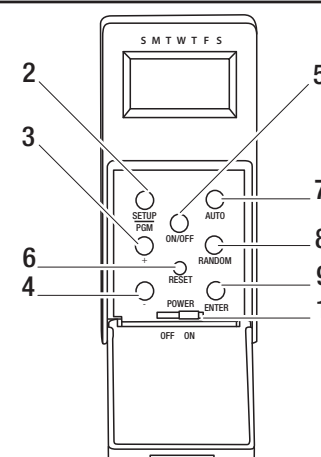
CONTINUE TO PAGE 2 TO COMPLETE SETUP AND PROGRAMMING

Initial Setup (continued)

1 POWERING-UP THE TIMER

> **NOTE:** If there are no numbers on the screen, ensure the unit is wired correctly and the power is set to the ON position. Also, ensure the light bulb in the fixture is screwed in tight and not burned out; a working light bulb must be installed to complete the circuit.

> **NOTE:** When adjusting settings on the timer, always use a nonmetallic, insulated tool, such as a toothpick or wooden pencil.

a. Open the door by inserting a fingernail or screwdriver in the space provided at the top of the door and pulling forward.

b. Slide the power switch (A) to the ON postion (to the right). The display will not appear until the switch is on. See Figure 2.

c. Press and hold **RESET** for three seconds. The word "Reset " will appear on the display, and the display should flash "12:00 am". See Figure 3. Proceed to step 2 - SETTING THE CURRENT DAY AND TIME.
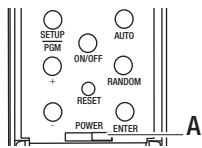
Figure 2
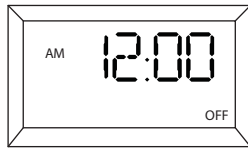
Figure 3

2 SETTING THE CURRENT DAY AND TIME

a. Press **SETUP/PGM** once, and DATE will appear on the display. See Figure 4.

b. Press **+** or **–** to move the arrow under the current day of the week (S, M, T, W, T, F, S). Press **ENTER** to confirm, and the hour will appear on the display. See Figure 5.

c. Press **+** or **–** to scroll through the hours. Press **ENTER** when the correct hour is found, and the minute will appear on the display.

d. Press **+** or **–** to scroll through the minutes. Press **ENTER** when the correct minute is found.
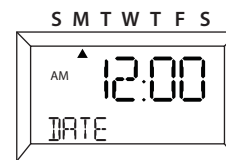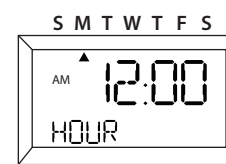
Figure 4

Figure 5

> **NOTE:** Ensure the "AM/PM" is correct. This is located in the lower left portion of the display.

Programming

1 PROGRAMMING ON/OFF DAYS

> **NOTE:** You cannot exit during a programming cycle.

a. Press **SETUP/PGM** twice, and "P1" will flash on the display.

b. Press **+** or **–** to choose the desired program, or start at "P1 ON". See Figure 6.

c. Press **ENTER** to confirm which program (P1, P2, P3, or P4) you are setting.

d. Press **+** or **–** to until the display shows "SET". Press **ENTER** to confirm.

e. Press **+** or **–** to choose the desired days you would like the timer to activate:
- □ All days of the week (S, M, T, W, T, F, S)
- □ Weekends only (S, S)
- □ Weekdays only (M, T, W, T, F)
- □ Individual days (S, M, T, W, T, F, S)
- □ Alternating days (T, T)
- □ Alternating days (M, W, F)

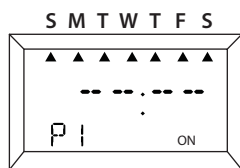f. Press **ENTER** to confirm the days of week setting, and the hour will appear. See Figure 7.

When finished with programming, press **SETUP/PGM**. Close the door, and the timer is ready for use.

> **NOTE:** The display will show "AUTO" to alert you when a program is running.

Figure 6

Figure 7

2 PROGRAMMING ON/OFF TIMES

a. Press **+** or **–** to choose the desired hour. Press **ENTER** to confirm, and the minute will appear.

b. Press **+** or **–** to choose the desired minute. Press **ENTER** to confirm. The **ON** times and days for the program are now set.

c. Repeat the previous steps to set the **OFF** times and days for the program.

d. Once the ON and OFF times and days have been set for a program, the timer will ask you to "SAVE". Press **ENTER** to save the program. The timer displays AUTO, indicating the program is saved and activated. See Figure 8.

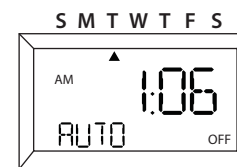e. When finished with programming, press SETUP/PGM and close the door. The timer is ready for use.

> **NOTE:** The display will show "AUTO" to alert you when a program is running.

Figure 8

Additional Programming Options

1 REVIEWING PREVIOUSLY ENTERED PROGRAMS

a. Press **SETUP/PGM** twice and then press **+** or **–** to scroll through the programs.

b. Press **AUTO** when you are finished.

2 ADDING/REMOVING ON/OFF SETTINGS

If, at any time, you wish to remove any ON/OFF settings (programs), follow these procedures:

To remove an ON/OFF setting:

a. Press **SETUP/PGM** twice and then press + or – to scroll to the program you wish to delete.

b. Press **ENTER** and "SET" displays.

c. Press + or – until the display reads "DEL" and press **ENTER**. See Figure 9.

d. The program is now deleted and you may press + or - to select another program for deletion following steps a - c above. Press **AUTO** when you have completed deleting all desired programs.

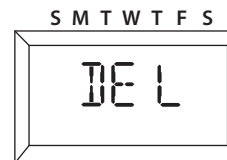To add an additional ON/OFF setting (program), complete step 1 - PROGRAMMING ON/OFF TIMES in the Programming section.

Figure 9

3 SETTING THE RANDOM SECURITY OPTION (RND)

> **NOTE:** The random feature will turn lights on and off using the programmed times + or – 30 minutes, and gives your house a more lived in appearance.

a. To activate the random feature, press **RANDOM**. The screen will change from "AUTO" to "RDM," indicating that random mode has been activated. See Figure 10.

b. To deactivate the random feature, press **AUTO**, and the "AUTO" indicator will show on the display.
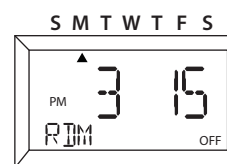
Figure 10

Additional Features

USING THE MANUAL OVERRIDE FEATURE (OPTIONAL)

To manually override the timer and turn the lights off and on at your convenience, press the timer door. Additionally, you can press **AUTO** to turn the programmed settings off and exclusively use the timer door to turn lights off and on.