

## Model 50042 Daily Digital Timer

### TIMER OPERATES IN YOUR CHOICE OF ANY OF FOUR MODES:

- **Custom ON/OFF Mode:** Up to 3 different programmable ON/OFF cycles, cycles repeat daily.
- **Dusk to Dawn Mode:** ON at 6:00PM and OFF at 6:00AM daily.
- **Vacation Mode:** Random ON/OFF cycles between 6:00PM and 6:00AM daily.
- **Countdown Mode:** Automatically turns off after selected time interval.



**WARNING: TIMER IS INTENDED FOR INDOOR USE ONLY!**

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1. Override button
  2. Vacation mode icon
  3. Program mode icon
  4. Countdown mode icon
  5. Timer mode display
  6. Dawn to dusk mode icon
  7. + button
  8. - button
  9. Vacation button
  10. Countdown button
  11. AM/PM display
  12. Time display
  13. Dusk to Dawn button
  14. Set clock button
  15. Memory erase (reset) button
  16. Custom ON/OFF button



### BEFORE YOU BEGIN PROGRAMMING THE TIMER:

This timer has an internal battery backup to save all programming.

1. Plug the timer into wall outlet for 30 minutes to charge internal battery.
2. After 30 minutes, unplug timer and press the **RESET** button with the tip of a toothpick or similar object to clear the memory. You can then comfortably hold the timer in your hand while programming.

### TO SET THE CLOCK:

1. Press and hold **SET CLOCK** approx. four seconds until hour display flashes. Press + or - to select current hour. To change from AM to PM, press + or - 12 times.
2. Press **SET CLOCK**, minute display will flash. Press + or - to select current minute.
3. Press **SET CLOCK** to exit clock setting mode.

### PROGRAMMING THE TIMER

Note: The timer allows a maximum of 3 programmable ON/OFF cycles.

#### To program the first ON/OFF cycle:

1. Press **CUSTOM ON/OFF**. Button will illuminate and ON 1 will flash. Display will look like this:



2. **Set desired hour/minute to turn cycle ON:** Press **CUSTOM ON/OFF** again, hour display will flash. Press + or - to select desired hour. Press **CUSTOM ON/OFF** again, minute display will flash. Press + or - to select desired minute.



3. **Set desired hour/minute to turn cycle OFF:** Press **CUSTOM ON/OFF** again to display first cycle OFF time. OFF 1 will flash and display will look like this:



4. Repeat the procedure described in step 2 to program desired hour/minute to turn cycle OFF. After several seconds, timer will automatically exit programming mode, current time of day will be displayed, and PROG icon will appear in display. Note: when the timer is plugged in, **CUSTOM ON/OFF** button will remain illuminated while timer is in programmed mode.



**To program additional ON/OFF cycles:** Repeat steps above to create additional ON/OFF cycles (ON 2-OFF 2, ON 3-OFF 3). Timer allows for a maximum of 3 different ON/OFF cycles.

Note: During programming, if no button is pushed for 10 seconds, the timer will automatically exit programming mode. Press **CUSTOM ON/OFF** to resume programming.



**IMPORTANT! Review programmed ON/OFF cycles:** Press **CUSTOM ON/OFF** to advance through all programmed ON and OFF settings. Make sure there are no overlapping ON or OFF times. Stop at any programmed setting you want to change. **To change any programmed ON/OFF time:** Repeat steps 2 and 3 to adjust any programmed ON or OFF times. When finished reviewing programming, timer will automatically return to clock (programmed) mode after approx. 5-8 seconds and the timer will turn plugged-in appliance on or off according to your custom programmed ON/OFF cycles(s).

**To operate timer:** Plug appliance (such as lamp) into timer and plug timer into wall receptacle. **CUSTOM ON/OFF** button will illuminate.



**IMPORTANT:** Appliance must be turned ON or be in the ON position before plugging it into timer.

**DUSK TO DAWN (DTD) MODE:** In Dusk to Dawn mode, timer will turn plugged-in appliance ON at 6PM and OFF at 6AM every day. To operate timer in Dusk to Dawn mode, press **DUSK TO DAWN**. DTD icon will appear in display and 6:00PM will flash. If 6PM to 6AM is your desired DTD time, no further action is necessary; timer will be set for DTD mode, and after approx. 5-8 seconds timer will automatically return to clock (programmed) mode, current time of day will be displayed, and DTD mode will begin operating at the next upcoming DTD ON time (6PM). **If you wish to change DTD times,** press + or - to select desired ON time. Press **DUSK TO DAWN** again, press + or - to select desired OFF time. Press **DUSK TO DAWN** again to set timer to DTD mode. When the timer is plugged-in, **DUSK TO DAWN** button will be illuminated and DTD mode will begin operating at the next upcoming DTD ON time (6PM). While in DTD mode, timer will override programmed settings.

To cancel Dusk to Dawn mode, press **CUSTOM ON/OFF**. After approx. 5-8 seconds, timer will automatically return to programmed mode, **CUSTOM ON/OFF** button will illuminate, and PROG icon will appear in display. Timer will now function using your previously programmed settings.

**VACATION (RANDOM) MODE:** To operate a plugged-in appliance (such as a lamp) in a random pattern while you are away, to simulate actual use: press **VACATION**. Vacation icon (V) will appear in display. When the timer is plugged in, the **VACATION** button will illuminate. While in Vacation mode, plugged-in appliance will operate in random ON/OFF cycles between the hours of 6PM to 6AM (the Dusk to Dawn default times). Note: If you manually change Dusk to Dawn times (see DUSK TO DAWN (DTD) MODE), the random on/off cycles will operate within your programmed Dusk to Dawn times. While in Vacation mode, timer will override programmed settings.

To cancel Vacation mode, press **CUSTOM ON/OFF**. After approx. 5-8 seconds, timer will automatically return to programmed mode, **CUSTOM ON/OFF** button will illuminate, and PROG icon will appear in display. Timer will now function using your previously programmed settings.

**COUNTDOWN MODE:** Allows a plugged-in appliance to remain ON or OFF for a specified amount of hours. To operate timer in Countdown mode, press **COUNTDOWN**. Countdown icon will appear in display, and 2 hours will flash in display. To change countdown duration, press + or - to select number of hours desired for countdown (between 1-9 hours). To begin Countdown mode, press **COUNTDOWN** again. While in Countdown mode, the hour glass (Countdown) icon will appear in the display, and when the timer is plugged in the **COUNTDOWN** button will illuminate.

To cancel Countdown mode, press **CUSTOM ON/OFF**. After approx. 5-8 seconds, timer will automatically return to programmed mode, **CUSTOM ON/OFF** button will illuminate, and PROG icon will appear in display. Timer will now function using your previously programmed settings.

**TO OVERRIDE THE TIMER IN ANY MODE:** Press the **OVERRIDE** button on the top of the timer. If plugged-in appliance is currently on, pressing **OVERRIDE** will turn appliance off. If plugged-in appliance is currently off, pressing **OVERRIDE** will turn appliance on.



**WARNING! Risk of electric shock!** Keep timer away from children. Unplug timer before programming. Do not use in wet or damp areas. Timer is designed for indoor use only.

**WARNING: Risk of fire!** Do not use timer to control any appliance that contains heating elements (portable heaters, irons, cooking appliances, etc.). Do not exceed specified electrical rating.