How to Program Your Landscape Lighting Timer

Your Astoria landscape lighting system uses a programmable digital timer that allows you to automatically turn your lights on and off at scheduled times. You can customize your lighting schedule for different days of the week, manually control your lights, and adjust settings as needed.

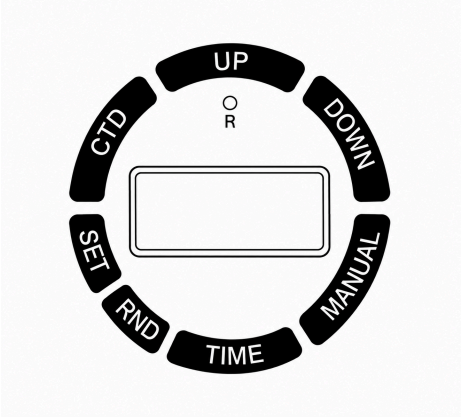
Follow the instructions below to set up and manage your landscape lighting timer.

1. Understanding Your Timer

Your digital timer has six main buttons:

Button	Function
TIME	Displays the current time and returns to the main screen.
SET	Selects and adjusts timer settings.
UP / DOWN	Changes the time, day, or selected setting.
MANUAL	Manually turns lights on or off and switches between automatic and manual operation.
RND	Activates or deactivates random lighting schedules.
CTD	Controls the countdown timer feature.

The timer also has a small **R (Reset)** button, which can be pressed with a pointed object to reset the device.



2. Setting the Current Day and Time

Before programming your landscape lights, make sure the timer displays the correct day and time.

1. Press and hold the **TIME** button to select a 12-hour or 24-hour display.
2. Press and hold the **SET** button to begin setting the current time.
3. Use **UP** or **DOWN** to select the current day of the week.
4. Press **SET** until the hour begins flashing.
5. Use **UP** or **DOWN** to set the correct hour. If using the 12-hour format, make sure AM or PM is correct.
6. Press **SET** until the minutes begin flashing.
7. Use **UP** or **DOWN** to set the correct minutes.
8. Press **SET** to finish.

Your timer should now display the correct day and time.

Tip: If the timer display is blank, plug the timer into a working electrical outlet and allow its backup battery to charge for approximately one hour before programming.

3. Programming Your Lights to Turn ON and OFF Automatically

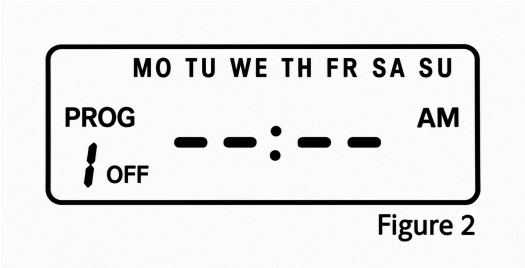


Figure 2



Figure 3

You can program your landscape lighting to turn on and off at specific times each day.

For example, you might want your lights to:

- **Turn ON:** Every day at 7:00 PM
- **Turn OFF:** Every day at 11:00 PM

Step A: Set the ON Time

1. From the main clock screen, press **UP** to enter programming mode.

2. The display should show **PROG 1 ON**.
3. Press **SET** to select the days you want your lights to turn on.
4. Use **UP** or **DOWN** to choose your preferred day or group of days. For every day of the week, select **MO TU WE TH FR SA SU**.
5. Press **SET** again to select the hour.
6. Use **UP** or **DOWN** to choose the desired ON hour.
7. Press **SET** again to select the minutes.
8. Use **UP** or **DOWN** to choose the desired ON minutes.

Step B: Set the OFF Time

1. After setting the ON time, press **SET** again, then press **UP**.
2. The display should show **PROG 1 OFF**.
3. Press **SET** and use **UP** or **DOWN** to select the days your lights should turn off.
4. Press **SET** to select the hour and use **UP** or **DOWN** to set the desired OFF hour.
5. Press **SET** again to select the minutes and use **UP** or **DOWN** to set the desired OFF minutes.
6. Press **TIME** to exit programming mode and return to the current time.

Step C: Activate Automatic Mode

This is an important final step!

Press the **MANUAL** button until the display shows **AUTO ON** or **AUTO OFF**.

When AUTO is displayed, the timer will follow your programmed lighting schedule.

If AUTO is not displayed, your programmed schedule will not run.

Important: Your timer must be in AUTO mode for your landscape lights to turn on and off automatically.

4. Choosing Which Days Your Lights Operate

Your timer allows you to create schedules for individual days or groups of days.

Available options include:

Day Selection	Schedule
MO TU WE TH FR SA SU	Every day
MO TU WE TH FR	Monday through Friday
SA SU	Saturday and Sunday

Individual day	One selected day
TH FR SA	Thursday through Saturday
MO TU WE	Monday through Wednesday
TU TH SA	Tuesday, Thursday, and Saturday
MO WE FR	Monday, Wednesday, and Friday

You can also create additional ON/OFF schedules if you want different lighting hours on different days.

5. Manually Turning Your Landscape Lights ON or OFF

If you want to turn your lights on or off outside their normal schedule, use the **MANUAL** button.

Each press cycles through these modes:

ON → AUTO ON → OFF → AUTO OFF

- **ON:** Keeps your lights on regardless of the programmed schedule.
- **AUTO ON:** Keeps the lights on for now and follows the programmed schedule.
- **OFF:** Keeps your lights off regardless of the programmed schedule.
- **AUTO OFF:** Keeps the lights off for now and follows the programmed schedule.

Remember: If you manually turn your lights ON or OFF, return the timer to an AUTO setting when you want your regular schedule to resume.

6. Adjusting for Daylight Saving Time

Your timer includes a shortcut for daylight saving time adjustments.

1. Press and hold **TIME** and **DOWN** simultaneously.
2. The clock will advance by one hour, and a **+1h** symbol will appear.
3. To return to standard time, press and hold **TIME** and **DOWN** again.
4. The clock will move back one hour, and the +1h symbol will disappear.

7. Adding or Changing Lighting Schedules

Your timer supports up to 20 programmable events.

To create an additional ON/OFF schedule:

1. Press **UP** to enter programming mode.
2. Use **UP** or **DOWN** to navigate to the next available program.
3. Press **SET** to select the days.
4. Use **UP** or **DOWN** to choose the desired days.
5. Press **SET** to adjust the hour, then the minutes.
6. Repeat the process for the corresponding OFF event.
7. Press **TIME** when finished.

To change an existing schedule, navigate to the desired program and adjust its settings.

Deleting a Program

1. Press **UP** to enter programming mode.
2. Use **UP** or **DOWN** to find the program you want to delete.
3. Press **SET** to select it.
4. Press **MANUAL** to delete that program setting.
5. Press **TIME** to return to the main clock display.

8. Using the Countdown Timer (Optional)

The countdown feature allows you to turn your lights on for a specific amount of time before automatically turning them off.

1. Press **DOWN** to enter countdown mode. The display will show **CTD**.
2. Press **SET** and use **UP** or **DOWN** to select the number of hours.
3. Press **SET** again to select minutes.
4. Press **SET** again to select seconds.
5. Press **CTD** to start the countdown.
6. Press **CTD** again to stop the countdown.
7. Press **TIME** to return to the current clock display.

9. Random Lighting Mode (Optional)

Your timer includes a random mode that varies when connected lights turn on and off.

This feature can be useful while you're away from home.

- Press **RND** to activate random mode. The display will show RND.
- Press **RND** again to deactivate random mode.

For consistent daily landscape lighting schedules, we recommend leaving random mode turned off.

10. Troubleshooting Your Landscape Lighting Timer

My lights aren't turning on automatically.

Make sure the timer is displaying **AUTO ON** or **AUTO OFF**. Also verify that the current day, time, and programmed ON/OFF times are correct.

My lights are turning on or off at the wrong time.

Check the clock, AM/PM setting, programmed days, and daylight saving time adjustment. Make sure random mode is turned off.

My lights stay on all the time.

Your timer may be in manual ON mode. Press **MANUAL** until AUTO appears on the display.

My lights won't turn on at all.

Verify that the timer is receiving power and that the connected landscape lighting transformer is powered on. You can temporarily select manual ON mode to test the timer's output.

The timer screen is blank.

Plug the timer into a working outlet and allow the backup battery to charge for approximately one hour.

I need to start over.

Use a pointed object, such as a pencil tip, to press the small **R (Reset)** button.

Warning: Resetting the timer erases the current time and all programmed schedules. You will need to set everything up again.

Need Additional Help?

If you need assistance programming your landscape lighting timer or your lights aren't operating as expected, please contact **Astoria Lighting Co.** Our support team will be happy to help you get your landscape lighting system working properly.