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Orbit 57594-50 RB Timer User Manual

Contents

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REQUIRED TOOLS

- Phillips Screwdriver
- Wire Strippers

Note
The quick start guide is intended to help you get up and running with your new timer. It includes basic installation and programming help. For more detailed and advanced instructions, please download the full manual "Easy Dial Timer" at **www.orbitonline.com**
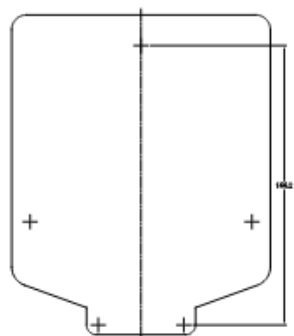
SELECT LOCATION

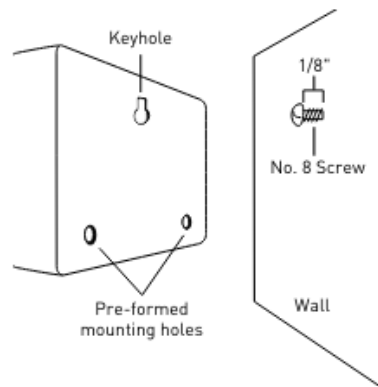Clean, dry, and out of direct sunlight.
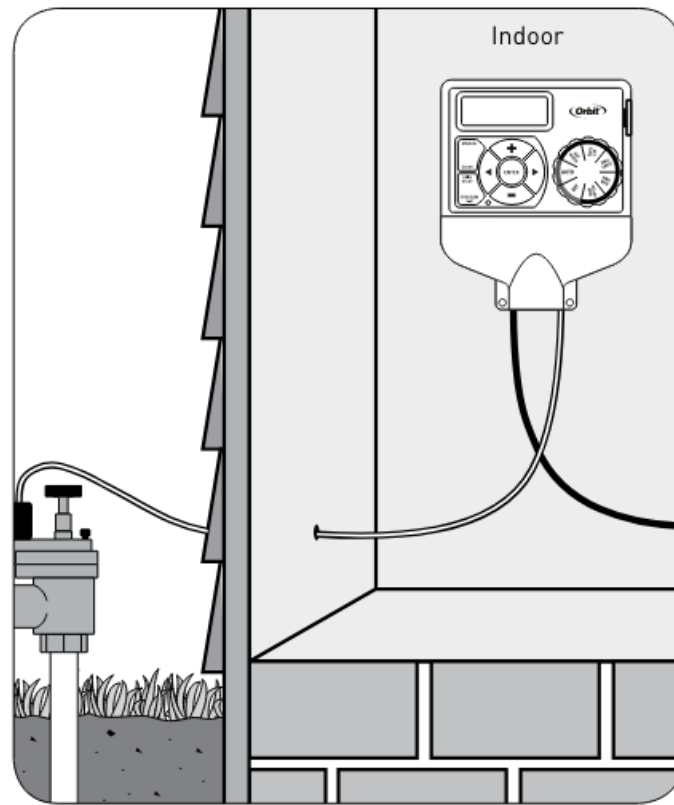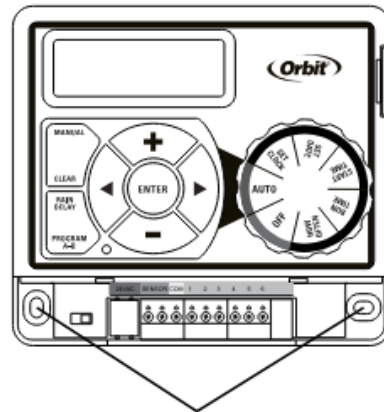
Clean, dry, and out of direct sunlight.

MOUNT TIMER

Use included mounting template to mark screw locations.

Hang timer on screw using keyhole.

Level
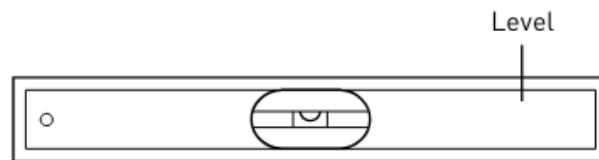
Fasten screw through one of the
pre-formed mounting holes.

CONNECT SPRINKLER VALVES TO TIMER WIRES

Common Wire

Wire Nut

To
Timer

Solenoid
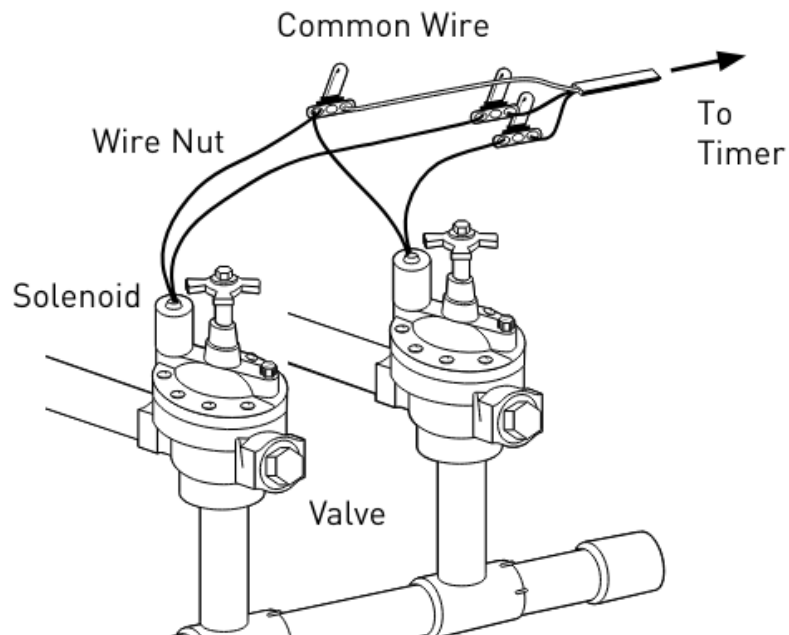
Valve

Connect one of the two wires from each valve to the common wire leading to the timer (usually white). Connect the other wire from each valve to one of the coloured wires leading to the timer.

CONNECT VALVE WIRE TO TERMINAL
Do not connect to the power source until after wiring valves to the timer. Only connect one valve to each terminal (station).

Station 1

Strip wire

Push in wire and
tighten screw
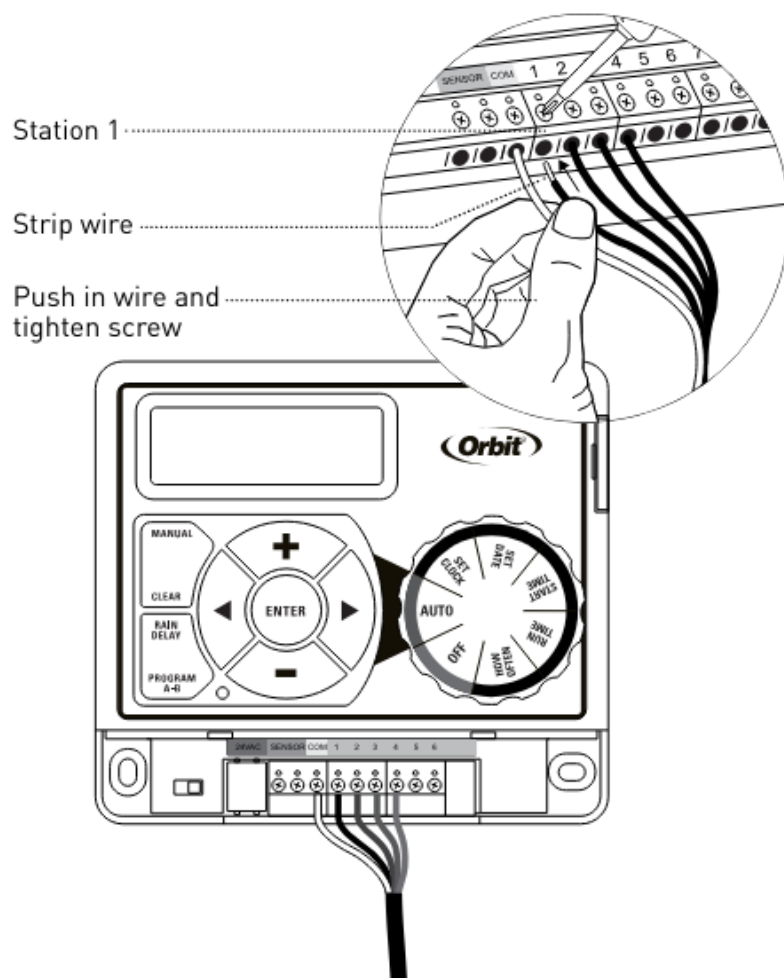
CONNECT TO ELECTRICAL POWER
Attach the power connector to the 24VAC plug on the timer wiring terminal.

ACTIVATE BATTERY

Remove plastic strip to activate battery.

One Lithium CR2032 battery (included) is required to retain the program in memory during power loss. Annual replacement is recommended.

Remove the plastic strip to activate the pre-installed battery.

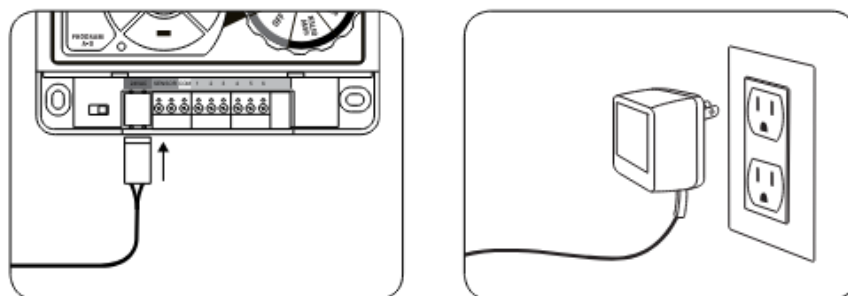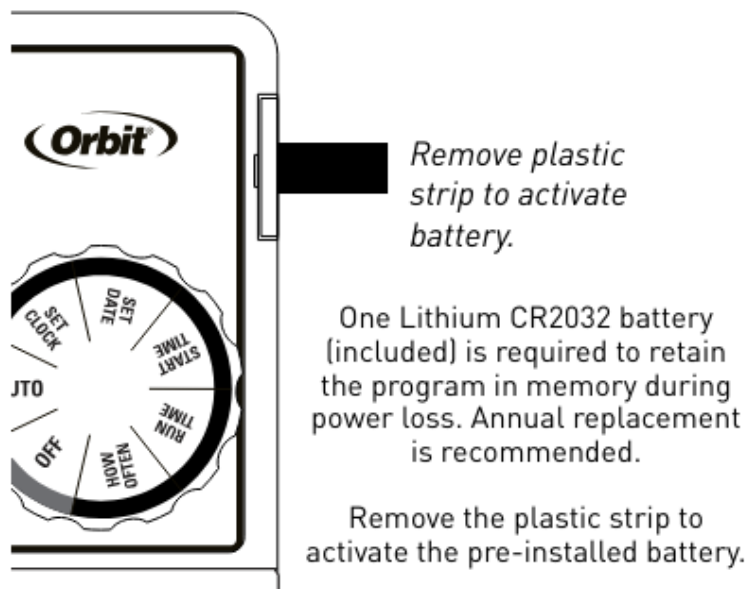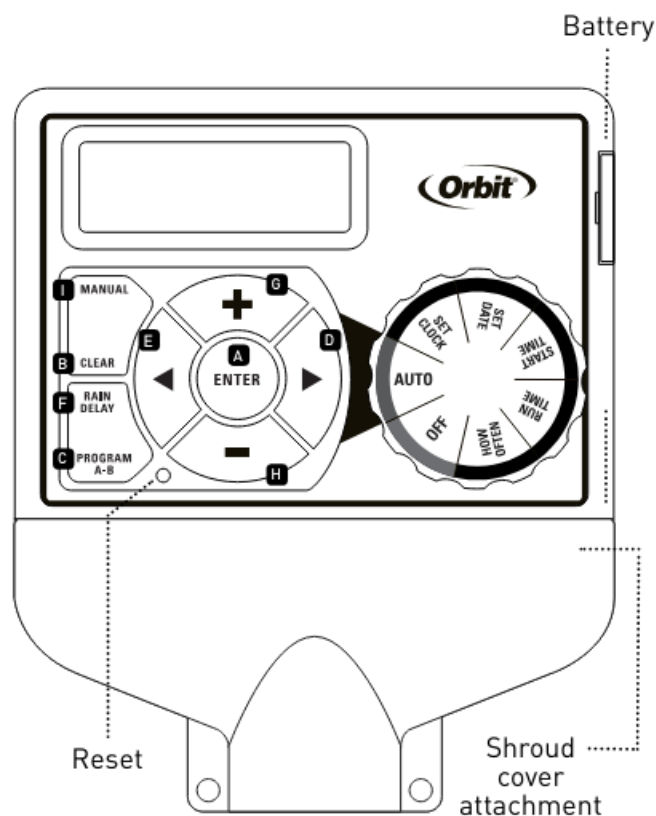**BATTERY WARNING:** Chemical Burn Hazard. Keep batteries away from children. This product contains a lithium coin cell battery. If a new or used button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as two hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the battery, and keep it away from children. If you think the battery might have been swallowed or placed inside any part of the body, seek immediate medical attention. The battery should be disposed of properly and kept away from children. Even used batteries may cause injury.


Button Function

- ENTER – To confirm a new setting
- MANUAL – To water manually
- CLEAR – To clear a setting
- PROGRAM – to switch between programs – A and B

- ARROW [▶]– To skip to the next set/watering station or move to other programs/settings
- ARROW [◀] – To go back to the previous setting/watering station or move to other programs/settings
- RAIN DELAY – To pause the operation for 24-72 hours due to rain or other factors
- [+] To increase a numeric setting
- [-] To decrease a numeric setting
- MANUAL

Dial Position Function

- AUTO – Watering mode
- SET CLOCK – Set calendar and clock time
- SET DATE – Year, Month, and Day
- START TIME – Set time to begin watering
- RUN TIME – Set watering duration for each station
- HOW OFTEN – Set the frequency of watering days
- OFF – Turn all stations off

PROGRAM TIMER
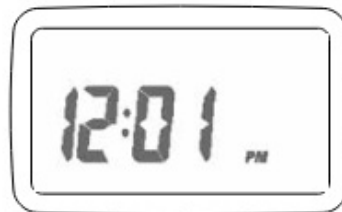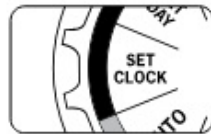
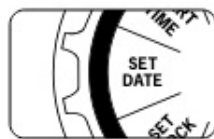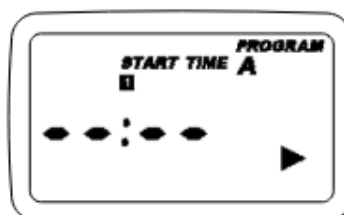- **Set Current Time (e.g. Pacific, Mountain Standard)**

  Turn the dial to SET CLOCK and enter a current time (+/-)
- **Set Date**

  - Turn dial to SET DATE to enter the Year, Month and Day.
  - Use the (+/-) button to select the Year.
  - Press [ENTER] to advance to Month and Day.
- **Watering Start Time**

  - Turn the dial to the START TIME position.
  - Enter one start time using the (+/-) button.

- Press the [ENTER] button to save
- Note: Additional start times – Additional start times can be entered if you want your sprinklers to water the same area multiple times a day.
- For instructions please download the "Easy Dial Timer" manual at www.orbitonline.com.

- **Set Watering Duration for Each Station**
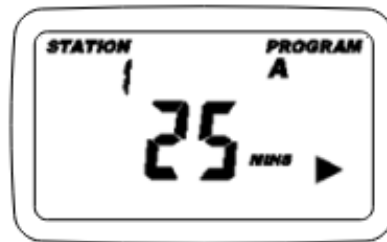
- Turn the dial to RUN TIME and enter the watering duration (+/-) for each station [ENTER] or [ARROW] to move between stations).

- **Set Watering Days or Interval**
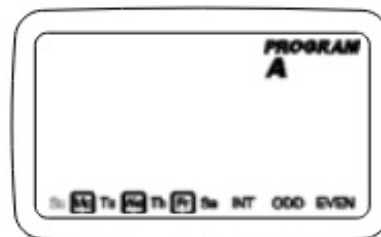
- Turn the dial to HOW OFTEN to select watering days (arrows to move between selections and [ENTER] to select).
- To water on Odd or Even days or to water using Intervals days download the full manual "Easy Dial Timer" at **www.orbitonline.com**

- **Set Auto Mode**
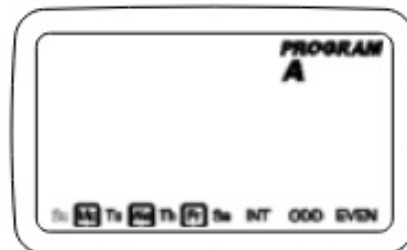
Turn the dial to AUTO— Congratulations, you have programmed your timer!

ADDITIONAL FEATURES

RAIN DELAY

- Turn the dial to AUTO and Press the [RAIN DELAY] button.

- Push the [+/-] to select 24, 48 or 72 hours.
- Press [ENTER] to begin.
- Press CLEAR to cancel the rain delay.

MANUAL WATERING
Your timer can allow you to manually water without disturbing the preset program.

To run all stations at the pre-programmed duration

- Turn the dial to AUTO.

- Press the [MANUAL] button. Display will show A B and ALL.
- Press [ENTER] (or wait a few seconds) to begin manual watering.
- All stations will water consecutively for their programmed duration.

To water a single station

- Turn the dial to AUTO.
- Press the [MANUAL] button.
- Press the [◄/►] buttons until the desired station number appears.
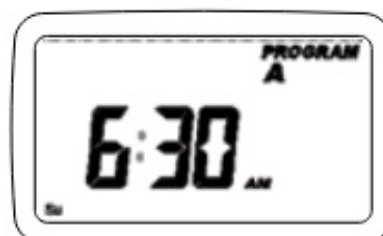- Press the [+/–] to enter the desired duration.
- Press [ENTER] (or wait a few seconds) to begin manual watering.

To stop Manual Watering press [CLEAR]
Note: After the [MANUAL] button has been pushed, if a selection is not made within 5 seconds all stations and programs will begin watering using the programmed RUN TIMES. If no RUN TIMES have been set, nothing will happen and the display will return to the time of day.

BACKUP BATTERY
Your timer requires a CR2032 Lithium battery to maintain your program in case of an AC power loss.
Tip: The Battery should be replaced every year, to avoid loss of programming.
Note: A battery alone will not operate the valves in your sprinkling system. The sprinkler timer transformer must be connected to an AC line voltage source. For Instructions on replacing the "Backup Battery" or for additional information, please download the full manual "Easy Dial Timer" at **www.orbitonline.com**

BATTERY WARNING: Chemical Burn Hazard. Keep batteries away from children. This product contains a lithium coin cell battery. If a new or used button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as two hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the battery, and keep it away from children.

If you think the battery might have been swallowed or placed inside any part of the body, seek immediate medical attention. The battery should be disposed of properly and kept away from children. Even used batteries may cause injury. For instructions on Water Budgeting or replacing the Backup Battery please download the full manual

DOWNLOAD THE ORBIT B-HYVE LITE APP

Let the Orbit B-have Lite app take the guesswork out of programming your sprinkler timer. Download the "Orbit B-have Lite" app. After downloading, the app will guide you through setting up an account and entering information about your landscape.

B-HYVE LITE APP FEATURES

Weather Alerts Weather alert notifications on your smart device offer suggestions for when to activate the rain delay feature or adjust programming.

Programming Recommendations

Using historical local weather data and information about your landscape, the B-have Lite app will make monthly programming recommendations customized to your yard.

Water Audit

Conduct your watering audit—the watering app tool allows for up to 50% savings on water use—the catch cup watering tool.

Save Water and Money

Based on historical weather data for your zip code, you will receive recommendations on how to program your timer for optimal watering throughout the season, saving water and money.

Zone Identity

Name and photograph each of your watering zones making it easy to identify each of your water areas. *Upgrade easily to the B-have WiFi Sprinkler Timer and make smart watering automatic while giving you control of your sprinkler timer from anywhere in the world. The Orbit WiFi timer communicates to the B-have cloud and automatically adjusts your sprinkler programming throughout the watering season. Have WiFi timers that are EPA WaterSense certified and may be eligible for rebates in your area. The easy-set-logic timer is not wifi enabled. The B-have The Lite a pp offers a programming set-up and adjustments you can manually enter to potentially improve your watering performance.

HELP

1-**800-488-6156** or 1-**801-299-5555** **www.orbitonline.com**
Before returning this sprinkler timer to the store, contact Orbit® Technical Service at 1-**800-488-6156**, or 1-**801-299-5555**.

LISTINGS

This Class B digital apparatus complies with Canadian ICES-003. Disconnection: Type 1Y Normal Pollution Situation.

NOTICE

The information in this manual is primarily intended for the user who will establish a watering schedule and enter that schedule into the sprinkler timer. This product is intended to be used as an automatic sprinkler timer for activating 24 VAC irrigation valves, as described in this manual.

WARRANTY AND STATEMENT

Orbit® Irrigation Products, Inc. warrants to its customers that its products will be free from defects in materials and workmanship for six years from the date of purchase. We will replace, free of charge, the defective part or parts

found to be defective under normal use and service for a period of up to six years after purchase (proof of purchase required). We reserve the right to inspect the defective part before replacement.

Orbit® Irrigation Products, Inc. will not be responsible for consequential or incidental cost or damage caused by the product failure. Orbit® liability under this warranty is limited solely to the replacement or repair of defective parts. To exercise your warranty, return the unit to your dealer with a copy of the sales receipt. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit are not expressly approved by the party responsible for compliance and could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential
installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: This appliance is not intended for use by young children or infirm persons without supervision.

- Young children should be supervised to ensure that they do not play with the appliance.

Caution: Risk of electric shock or personal injury or fire, only use power unit model WR1-41-065R-1 (or WT1-41-065R) with this timer

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References

- **[User Manual](#)**