Introduction

Thank you for selecting an Orbit® sprinkler timer. Orbit® designers have combined the simplicity of use with a small pointed object such as a pen or pencil tip.

Getting Started

Programming the timer can be accomplished in just a few basic steps. Before you begin programming, it is important to install the Orbit® timer in a location suitable for the watering plan.


MODEL: 27965, 27976, 57141, 57142, 51046, 51056, 61324, 61326
WTX Version


Orbit® designers have combined the simplicity of use with a small pointed object such as a pen or pencil tip. Programming, but does not remove the factory installed restrictions imposed by local governments and agencies. The timer gives you a number of manual and semi-automatic modes for flexibility in watering. You can choose to water every second day, every third day, or even on a specific day of the week.

Assigning Watering Intervals for Program B

Program B is used to select one of the specific intervals. You can choose to water on every second day or every third day, or even on a specific day of the week.

Reviewing and Changing Your Program

For example, to review Program A start time intervals, simply turn the dial to the CYCLE START location. The display will show the start time intervals scheduled for that specific station. You can advance through the schedule without fear of overwatering any station.

Ready for Automatic Operation

The timer is now fully operational and ready to operate automatically, starting with Program A.

Semi-Automatic & Manual Operation

The Orbit® timer has the ability to operate the automatic program without disturbing the preset irrigation plan.

Using the Semi-Automatic Mode

All stations cycle once both on A and B programs. Press the MANUAL key, or press the A program key, then press the B program key. Press any combination of semi-automatic, manual, and timer keys to select the desired program for any or all stations.

Assigning Watering Intervals for stations assigned to A and B Programs

To activate the assigned watering duration in the A and B programs for each station, press the appropriate program key, then all stations will semi-automatically water for their assigned durations in sequence.

To activate the assigned watering duration on a specific day, press the appropriate program key and enter the day number. Press the ENTER key.

Getting Started

Programming the timer can be accomplished in just a few basic steps. Before you begin programming, it is important to install the Orbit® timer in a location suitable for the watering plan. After installation, the timer allows you to set the time of day, and establish a watering plan.

The timer requires two AA batteries to maintain the cycle start times, watering days, start times, and other programming settings.

Two Watering Programs—Summary

The timer gives you more than 1000 possible watering combinations. You can choose to water every second day, every third day, or even on a specific day of the week.

Manual and Semi-Automatic Mode

The timer gives you the option of using one or both of the manual or semi-automatic modes. You can choose to water on every second day, every third day, or even on a specific day of the week.

Assigning Watering Intervals for Program B

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For example, to review Program A start time intervals, simply turn the dial to the CYCLE START location. The display will show the start time intervals scheduled for that specific station. You can advance through the schedule without fear of overwatering any station.

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Assigning Watering Intervals for Program B

Program B is used to select one of the specific intervals. You can choose to water on every second day, every third day, or even on a specific day of the week.

Reviewing and Changing Your Program

For example, to review Program A start time intervals, simply turn the dial to the CYCLE START location. The display will show the start time intervals scheduled for that specific station. You can advance through the schedule without fear of overwatering any station.

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### Mounting the Timer

Complete System Shut Down

Using Manual Operation

To install the controller in 4 easy steps:

1. Choosing a Timer Location

Mounting the timer

1. With the rotary dial set to - - MINs

Troubleshooting

Possible Causes of Problems

- One or more stations do not turn on.
- Water pressure is too high.
- Valve diaphragm faulty.
- Transformer not plugged into an operational AC outlet.
- Transformer defective or not connected.
- More than two power leads from the transformer into each terminal

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