

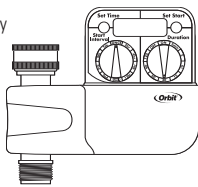
## Installation and User's Guide

Dual Dial Hose Timer with Electronic Display  
Model 62040, 62055 and 91050

## Minuterie numérique d'arrosage à deux boutons,

modèles 62040, 62055 et 91050

## Timer Digital de 2 cuadrantes para riego, modelos 62040, 62055 y 91050



## Battery installation

### Note:

Orbit recommends the use of Duracell® or Energizer® brand AA alkaline batteries for optimum timer performance.

(see figure 1).

1. Remove the timer cover.
  2. Pull the battery compartment out of the timer.
  3. Install three AA alkaline batteries. Refer to the battery compartment for the correct orientation of the batteries, (see figure 1).
  4. Place the battery compartment back in the timer.
- Three fresh AA alkaline batteries should last for an entire watering season. When the battery voltage is below a safe operating voltage the valve will not open. The batteries should be replaced with new ones when this occurs.
5. Replace the timer cover to protect the timer from moisture and debris.



1-800-488-6156  
1-801-299-5555  
www.orbitonline.com

PN 62040-24 Rev B

Orbit® Irrigation Products, Inc.  
845 North Overland Rd.  
North Salt Lake, Utah 84054

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## Environmental Conditions

Working Temperature: 32 to 122°F

Storage Temperature: -14 to 140°F

## Conditions environnementales

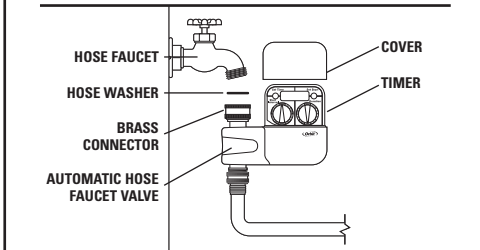
Température propre au fonctionnement : 0 à 50°C (32 à 122°F)

Température d'entreposage : -10 à 60°C (-14 à 140°F)

## Condiciones ambientales

Temperatura de trabajo: 0 a 50°C (32 a 122°F)

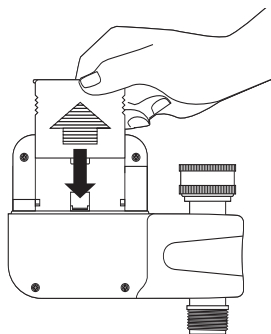
Temperatura de almacenamiento: -10 a 60°C (-14 a 140°F)



## Features

- One button sets time of day, another button sets watering start time
- Two rotary dials for setting the watering interval and watering duration.
- Battery operated (three AA), not included.
- Ten watering interval options (once, 2 hr, 4 hr, 8 hr, 12 hr, daily, 2nd day, 3rd day, 4th day, 7th day).
- Ten watering duration options (on, OFF, 2 min, 5 min, 10 min, 15 min, 30 min, 60 min, 90 min, 120 min).
- Manual watering without interrupting the watering interval.
- Weather resistant design.
- Dependable valve design.
- Low power consumption solenoid.

Figure 1



## Set the time of day and watering start time

- Press the Set Time button, holding it down for 2 seconds. The digital readout will cycle through a.m. and p.m. time settings. Release the Set Time Button just before the correct time of day is reached. Tap the button to advance the time in 1 minute increments until correct time is reached.
- Press the Set Start button, holding it down for 2 seconds. The digital readout will cycle through a.m. and p.m. time settings. Release the Set Start button just before the desired watering start time is reached. Tap the button to advance the time in 1 minute increments until desired start time is reached.

### Note:

The timer valve will close when making entries using the Set Time and Set Start buttons. Set Time and Set Start settings are accepted by the timer 5 seconds after buttons are released, except at the ON setting.

## Set the watering start interval

Turn the Start Interval dial to the desired watering interval. (see figure 2).

### Note:

All Start Interval settings begin timing at the Set Start time shown on the digital readout.

The Start Interval dial has ten possible settings:

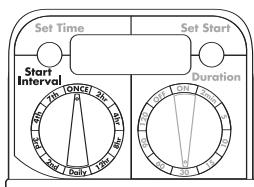
- Once – the valve will open once for the amount of time on the Duration dial and then remains inactive until the Start Interval dial is rotated to another setting.
- 2 hr – the water will come on every two hours.
- 4 hr – the water will come on every four hours.
- 8 hr – the water will come on every eight hours.
- 12 hr – the water will come on every twelve hours.
- Daily – the water will come on once every day.
- 2nd day – the water will come on every other day.

- 3rd day – the water will come on every third day.
- 4th day – the water will come on every fourth day.
- 7th day – the water will come on once a week.

**Note:**

The watering interval will begin after the dial has been stationary for 2 seconds. Whenever the Start Interval dial is rotated, the interval resets to the new setting.

Figure 2



**Set the watering duration**

Rotate the Duration dial to the desired watering duration. (see figure 3).

**Note:**

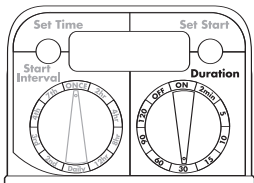
All Duration settings begin timing at the Set Start time shown on the digital readout.

The Duration dial has ten possible settings:

- OFF – the valve will close and remain closed when the dial is in this setting.
- ON – the valve will open and remain open when the dial is in this setting.
- 2 min, 5 min, 10 min, 15 min, 30 min, 60 min, 90 min - the water will come on automatically at the intervals shown by the Start Interval dial and remain on for the chosen duration before automatically switching off.

To change the watering duration while the valve is open simply rotate the dial to the new duration. The valve will remain open for the duration shown on the Duration dial regardless of how long the valve had been open prior to the change.

Figure 3



**Watering once**

Turn the Start Interval dial to the ONCE setting and turn the Duration dial to the desired setting. The valve will open for the duration shown on the Duration dial beginning at the Set Start time, then close after Duration setting is reached. The timer will remain inactive until the Start Interval dial is rotated to a new setting, or until the valve is activated manually.

If the Duration dial is changed to a new position during watering, the watering duration will reset to the new dial position.

**Note:**

Watering in the ONCE setting with a new Duration setting allows one-time watering at the Set Start time.

**ONCE watering can only be stopped when:**

- Entering a Set Time in the digital display (except when Duration dial is in the ON position).
- Entering a Set Start in the digital display (except when Duration dial is in the ON position).
- Turning the Duration dial to the OFF position.

**Manual watering**

Turn the Duration dial to the ON setting. The valve will open and remain open until the dial is rotated to another setting. The dial can be rotated to a duration setting, and the valve will remain open for that amount of time. The watering interval is not interrupted when the valve is operated manually.

**Note:**

Manual watering overrides the Set Start time, allowing immediate watering.

**To turn the valve off**

Rotate the Duration Dial to the OFF setting. The valve will not open while the dial is in this setting.

**Low battery indication**

When the battery voltage level drops below the ideal operating voltage the valve will close. The batteries should be replaced with three fresh alkaline batteries as soon as possible.

**CAUTION:**

The timer swivel connection to the hose faucet and the timer's threaded connection to the hose swivel are designed to withstand normal, lateral hose adjustments. Abrupt or forceful hose movements should be avoided.

**Maintenance and off-season storage**

- Remove the timer from the faucet during the winter or during extended periods of inactivity.
- Open and close the valve several times to allow the water to drain out.
- Remove the batteries and clean the battery contacts. Discard the batteries if signs of corrosion are present.
- Store the timer with the timer cover installed in a warm dry location.

**Trouble shooting checklist**

- Batteries are installed properly.
- New alkaline batteries are installed.
- The hose faucet is turned on.
- Try operating the timer manually by rotating the Duration dial to the ON setting.