

**TORO**

## 2 Dial Solar Tap Timer

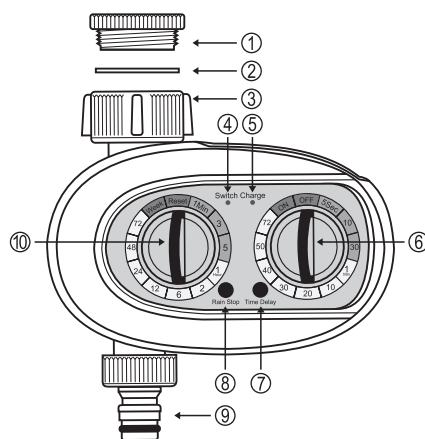
User Manual  
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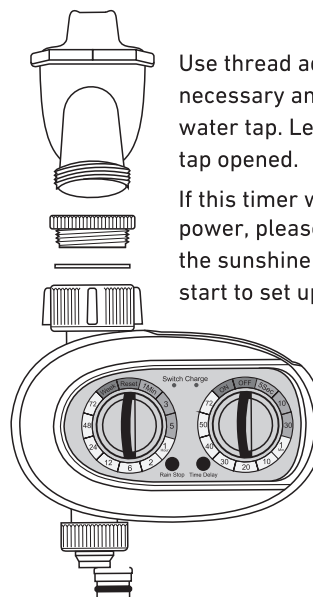
### Key Features:

- Used for garden watering, mist cooling and micro dripping systems.
- Large button.
- More environmentally friendly to charge with solar panels without replacing the batteries.
- Super - energy - saving solenoid valve technology

## 2 Dial Solar Tap Timer



- |                     |                        |
|---------------------|------------------------|
| 1. 3/4 Tap Adaptor  | 6. Run Time Dial       |
| 2. Washer           | 7. Time Delay          |
| 3. 1" Tap Connector | 8. Rain Stop           |
| 4. Switch Light     | 9. 3/4" Hose Connector |
| 5. Charge Light     | 10. Frequency Dial     |



Use thread adaptor if necessary and connect to water tap. Leave water tap opened.

If this timer without any power, please put it under the sunshine for 30mins then start to set up and use it.

### How to Program

Simply select your watering frequency and run time. The dials can be turned clockwise and anti-clockwise without damaging the mechanism. The switch light will flash to confirm that the program has been accepted.

### How to Set The Watering Frequency:

To set the watering frequency, turn the dial to the required frequency. Select every 1, 3 or 5 minutes for short cycle garden watering, mist cooling, or micro dripping. Or select 1, 2, 6, 12, 24, 48, 72 hours, or every week for normal garden watering.

### How to Set The Run Time:

To set your run time, turn the dial to the required watering time. Select every 5, 10, 30 seconds for short time garden watering, mist cooling, micro dripping system, or to select 1, 10, 20, 30, 40, 50 or 60 minutes for normal garden watering.

### How to Use The Time Delay Function:

You can delay your watering program start time by using the Time Delay Function. Within one minute after you have set the program, depress the Time Delay button for each hour you want to delay the initial start time of watering program being set. You can delay watering program at 1 hourly interval up to a maximum of 12 hours. So to delay watering program for 3 hours, depress the Time Delay button 3 times within 1 minute after you have set the program.

### How to Use The Rain Stop Function:

In case of rain, you can stop the whole program any time by using the Rain Stop Function. Just depress the Rain Stop button to stop the watering program (the LED light flash once). Depress the same button again (the LED light flash twice) to re-start the watering cycle as originally set. The Rain Stop Function can only stop RT Function for the moment, and it will relieve automatically after 24 hours.

### Manual ON:

To water outside of the set program, turn the Run Time dial to "ON" and water will flow from the selected outlet.

### Manual OFF:

To tap timer can be turned off by turning the Run Time dial to "OFF". This will stop the water flowing from the tap.

### Low Battery Feature:

When battery power drops below 3.0V, the switchlight will be flashing, and the valve will be shut off.

### Performance Specifications

#### 1. Recommended Water Pressure:

**150 to 800kPa**

Maximum operating pressure 700kPa.

In higher pressure areas, use a pressure reducer on the tap.

#### 2. Recommended Operating temperature:

**4°C to 50°C**

We recommended removing the tap timer from the tap during colder months (winter time) particularly where temperature drop below 4°C. The tap timer should not be subjected to freezing temperatures or frosts.

#### 3. Battery: 1 x 600mAh 3.2V Battery only

#### 4. Water Source:

Use cold mains water only. If it is a gravity fed watering system, ensure that you use a tap filter from tap.

### 5. This product is not suitable for use:

- if your water pressure exceeds 700kPa;
- if you use bore of unfiltered water;
- if you use kind of pump to draw water;
- if you use and liquid other than water that is flammable, explosive or corrosive; or
- if the water supply is unstable.

### Troubleshooting:

- If battery is running low, the solenoid valve will close automatically.
- Ensure that the Run Time dial is not set Off
- Check that the Frequency selected is longer than the Run Time; eg., do not set a 20 minutes Run Time and a 5 minutes Frequency.
- Make sure the tap is turned on.