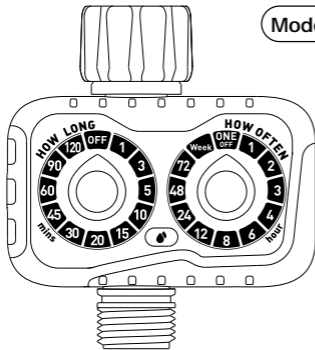


# USER MANUAL

## Single-way Dual Knob Water Timer



Model NO. ITV152



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## WARM TIPS

### PLEASE READ BEFORE USING



Don't use the water timer when the temperature is below 37.4°F(3°C), and please store the timer indoors to avoid potential freezing damage.



The filter traps dirt particles, preventing them from entering the timer and causing clogging. Please clean the filter regularly and replace it if worn.



To ensure a longer lifespan, please use 2 new AAA alkaline batteries (not included). Don't mix new and old alkaline, standard (carbon-zinc), or rechargeable batteries.



Please activate the water timer before the first use or after a period of inactivity (Refer to page 5: Activate The Timer Valve Before Use).



Only use with clean cold water.

#### FOR ANY PROBLEMS DURING USE, PLEASE CONTACT US:



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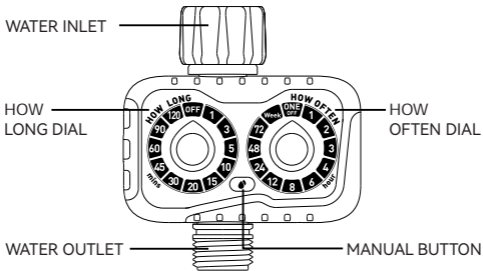
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# 1.PRODUCT INTRODUCTION -----

## 1.1 Product Overview



- **Left knob:** Rotate the knob to set the watering duration
- **Right knob:** Rotate the knob to set the watering frequency
- **Manual:** Manual watering button

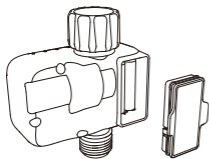
## 1.2 Specifications

ITEM	SPECIFICATION
Water Inlet	NH (US)for 3/4" faucet BSP (EU) for 3/4" or 1" faucets
Water Outlet	For 3/4" standard garden hose
Operating temperature	37.4°F-122°F(3°C-50°C)
Operating water pressure	0.5 bar to 8 bar(7.25PSI-116PSI)
Irrigation frequency	ONE/OFF-1h-2h-3h-4h-6h-8h- 12h-24h-48h-72h-week
Irrigation duration	OFF-1min-3min-5min-10min- 15min-20min-30min-45min- 60min-90min-120min
Powered by	2 * AAA alkaline batteries (not included)
Waterproof level	IP 55

## 2. INSTALLATION AND CONNECTION

### 2.1 Battery Installation

Before use, please install the batteries in the timer:

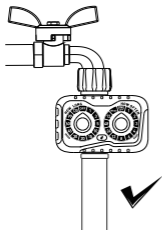


- 1) Open the battery compartment cover on the back of the timer.
- 2) Insert 2 new AAA (1.5V) alkaline batteries (not included).
- 3) Replace the battery compartment cover and press firmly to ensure it is fully sealed.

#### ▲ Note:

1. After installing the batteries, please install the battery cover securely to ensure waterproofing.
2. When the timer is not used for a long time, please remove the batteries and dispose of them properly.
3. Don't dispose of batteries in fire. Batteries may explode or leak.
4. To ensure a longer service life, please use 2 new AAA alkaline batteries (not included). Do not mix old and new alkaline batteries, standard batteries (carbon-zinc batteries), or rechargeable batteries.

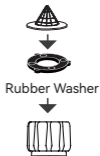
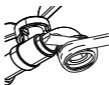
## 2.2 Installing the Timer






- 1) Turn off the garden faucet.
- 2) Wrap Teflon Tape around the faucet threads.
- 3) Screw the timer to the garden faucet and make the timer dial as vertical as possible to the ground to prevent rainwater from accumulating and leaking into the interior.
- 4) Wrap Teflon Tape around the threads of the timer outlet.
- 5) Screw the garden hose to the timer outlet.
- 6) Turn on the faucet after programming the timer.



**Tips:** Wrap Teflon tape on the threads and align the threads for installation to avoid leakage. If the faucet threads cannot tighten to the bottom of the timer inlet, add a rubber washer.



### Note:

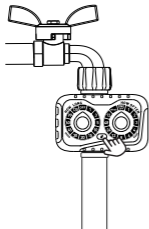
-  Please do not use tools, only install the timer by hand.
-  When freezing temperatures are expected, timers should be removed from the hose faucet and stored indoors to prevent potential freeze damage.
-  Please install the filter properly and keep it clean as follows.



## 2.3 Activate the Timer Valve Before Use

- ⚠ Please activate the device before using it for the first time or after a period of inactivity.

### Activation steps:



- 1) Keep the garden faucet turned off.
- 2) Short press the manual watering button to enter manual watering mode.
- 3) After hearing a "click" sound, the valve in the timer opens, then click manual watering button again to close the valve.
- 4) Test: Open the faucet slightly, then repeat steps 2-3 to check if the water flows out as expected or is turned off.

If yes, the timer valve is activated successfully, please use it with confidence!

If not, please repeat the step 2-3 several times or contact us immediately for support.

**Note:** When testing, please stay away from the water timer outlet to avoid splashing and wet.

### 3. FUNCTION INTRODUCTION -----

#### 3.1 Setting Irrigation Frequency



Rotate the knob to select the desired irrigation frequency. The light on the manual watering button will flash green for 5 times and then be on for 2 seconds to confirm the setting. Rotating to other positions during the flashing process will restart the count for the light.



- When the frequency knob is turned to ONE/OFF, the single function is entered. At this time, the valve will be opened once no matter how long the duration knob is turned to, and no cycle plan will be generated.
- When the frequency knob is at ONE/OFF and you need to water once more, you need to turn the duration knob to any other position and then turn it back to the desired duration to restart the single watering.
- Examples of watering frequencies of every 24 hours, every 48 hours, and every 72 hours:



## 3.2 Setting Irrigation Duration



Turn the duration knob to set the irrigation duration. The green light flashes 5 times, and then stays on for 2 seconds to confirm the setting.

If the dial is rotated to another position during the flashing process, the count will be restarted. After confirmation, the irrigation plan will be started immediately. During the irrigation process, the green light will flash intermittently, once every 5 seconds, until the irrigation is finished.



When the duration knob is turned to OFF, the red light flashes and then stays on for 2 seconds to turn off the valve. After the valve is turned off, the red light will no longer be on. At this time, if you rotate the frequency knob to any position, the light will flash red twice, indicating that it is now in the off state, the valve is not opened, and the plan will not be set successfully.

## 3.3 Knowing Your Watering Schedules

The timer does not have start time setting. Instead, the moment you set the duration (**HOW LONG**) becomes the start time for irrigation.

### HOW IT WORKS:

1. Adjust **HOW OFTEN** dial to your desired watering frequency and the **HOW LONG** dial to your desired watering duration.
2. The green light will flash 5 times, then stay solid for 2 seconds to confirm your setting of each dial.
3. Immediately after confirmation of **HOW LONG** setting, the valve opens to begin irrigation.

### IMPORTANT NOTE:

- The timer starts watering right after you set the duration (**HOW LONG**). Please keep away from the water outlet to avoid being splashed and wet.
- Your configured **HOW LONG** duration determines both the start time and runtime for each cycle.

### Different Watering Schedules

HOW OFTEN	HOW LONG	WHEN YOU SET HOW LONG	START WATERING TIME	FINISH WATERING TIME	NEXT WATERING TIME
8HOURS	10MINS	7:00	7:00	7:10	15:00
12HOURS	20MINS	8:00	8:00	8:20	20:00
24HOURS	30MINS	19:00	19:00	19:30	19:00 the next day

## 3.4 Manual Irrigation

- When the device is watering, short press the manual button to close the valve and stop irrigation.
- When the device is in any state except watering, short press the manual button to open the valve, and short press the manual button again to close the valve.
- During manual irrigation, the green light flashes intermittently, once every 5 seconds, until the irrigation is finished.

**IMPORTANT NOTE:** Do not adjust the **HOW OFTEN/HOW LONG** dial during manual watering. Turning any dial will instantly close the valve. It will reopen after a few seconds to run with the updated settings.

## 3.5 Battery Status Indicator

When the battery is low, no matter where the two knobs are turned, the red light will stay on for 1 second, the valve will not respond, and the plan will not be set successfully. If the battery is low during watering, the device will immediately close the valve; if the above situation occurs, please replace the batteries in time.

## 4. TROUBLESHOOTING -----

Issue	Possible Cause	Solution
The water inlet leakage.	<ol style="list-style-type: none"> <li>1. No filter or filter not be placed horizontally.</li> <li>2. The faucet is not the standard 3/4".</li> </ol>	<ol style="list-style-type: none"> <li>1. Add a filter and make sure it's placed horizontally in the inlet.</li> <li>2. Make sure the faucet is a standard 3/4" faucet.</li> <li>3. Wrap Teflon tape on the faucet to make it tight.</li> </ol>
The valve opens for too long, more than 5 seconds.	Low battery.	Use new alkaline batteries.
Unable to open or close the valve.	<ol style="list-style-type: none"> <li>1. The valve does not work due to long storage time.</li> <li>2. Valve blockage.</li> </ol>	<ol style="list-style-type: none"> <li>1. Keep the faucet on.</li> <li>2. Run manual watering for 5-7 seconds, then stop watering.</li> <li>3. Repeat manual watering 5 times.</li> <li>4. Try using the timer normally.</li> </ol>

Issue	Possible Cause	Solution
Short battery life.	<ol style="list-style-type: none"><li data-bbox="298 139 533 204">1. Mixing old and new batteries.</li><li data-bbox="298 211 512 347">2. Use carbon batteries or rechargeable batteries.</li></ol>	<ol style="list-style-type: none"><li data-bbox="621 139 885 204">1. Use new alkaline batteries.</li><li data-bbox="621 211 930 382">2. Rechargeable batteries or carbon batteries have a short life, please use alkaline batteries.</li></ol>
Low water pressure.	<ol style="list-style-type: none"><li data-bbox="298 432 538 461">1. Filter blockage.</li><li data-bbox="298 468 569 604">2. Inlet pressure not sufficient to support watering needs.</li></ol>	<ol style="list-style-type: none"><li data-bbox="621 432 922 532">1. Check if the filter is clogged, if so, clean or replace the filter.</li><li data-bbox="621 539 922 675">2. Make sure the timer is installed properly and not cross-threaded.</li><li data-bbox="621 682 922 861">3. Installation of a booster pump or other auxiliary equipment of increasing pressure.</li></ol>

## 5. WARNINGS -----

- 1) For outdoor use only. Placing the timer in the sheltered outdoors will prolong its lifetime.
- 2) To avoid damage, please tighten it without using tools.
- 3) The filter should be placed horizontally in the water inlet to prevent leakage.
- 4) When low power, please replace the batteries to avoid the interruption of normal operation; when replacing the batteries, please make sure that the battery tray is dry.
- 5) When the timer is not in use, please remove the batteries and store it indoors.
- 6) Don't use the timer under the temperature more than 122°F (50°C), or less than 37.4°F(3°C).
- 7) Don't subject the product to extreme force and shock.
- 8) Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Never immerse the product in water.

## 6. WARRANTY -----

RainPoint provides a 1-year warranty against manufacturing defects in materials and workmanship from the date of purchase. During the warranty period, we'll replace free of charge the product found to be defective under reasonable use and service as determined solely by RainPoint.

To place a warranty request, please email us with your order ID at [service@rainpointonline.com](mailto:service@rainpointonline.com) and we'll respond within 24 hours.

## 7. CUSTOMER SERVICE -----

Still have trouble with setup, please search for "RainPoint" on Youtube for installation videos!

If the user manual doesn't have what you're looking for or you need other help, please contact us before returning the product to the store and let us know the LOT NO. of your device.

LOT NO.: XXXXX

**US toll free(English):** +1 833-381-5659

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### **Need Help?**

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