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## HiOazo HO-WTUS-1

# HiOazo Programmable Water Timer with Flow Meter (Model HO-WTUS-1) Instruction Manual

Your Guide to Efficient Garden Watering

## INTRODUCTION

Thank you for choosing the HiOazo Programmable Water Timer with Flow Meter. This device is designed to automate your watering tasks, ensuring your plants receive optimal hydration while conserving water. Please read this manual thoroughly to understand the features and proper operation of your new water timer.





Image: The HiOazo Programmable Water Timer with Flow Meter, showing its display and control dial.

## SETUP

### 1. Battery Installation

The water timer requires two (2) AA batteries (not included). Open the battery compartment on the back of the device, insert the batteries according to the polarity markings, and securely close the compartment. The device will retain settings even if batteries run out, but fresh batteries are needed for operation.

### 2. Attaching the Water Timer

1. Ensure your outdoor faucet is turned off.
2. Screw the water timer's inlet (NH3/4"-11.5) onto your outdoor faucet. Hand-tighten firmly. A 3/4" standard hose adapter is included for compatibility.
3. If you experience leaks, apply Teflon tape (not included) to the faucet threads before attaching the timer.
4. Connect your garden hose to the outlet of the water timer.
5. Turn on your outdoor faucet completely. The timer will control the water flow.

### 3. Setting the Clock

1. Turn the dial to the **SET CLOCK** position.
2. Use the + and - buttons to select either 12H or 24H format. Press **OK** to confirm.

3. Adjust the current hour using **+** and **-**. Press **OK**.
4. Adjust the current minute using **+** and **-**. Press **OK** to save.

#### 4. Initial Programming

The timer supports three independent watering plans (P1, P2, P3). You can set the start time, watering duration, and frequency for each plan.

For a visual guide on setting up your timer, please refer to the official setup video:

Video: HiOazo Sprinkler Timer HO-WT-1 With Flow Meter Setup Guide. This video demonstrates the step-by-step process of installing and initially configuring the water timer, including setting the clock and basic watering schedules.

## OPERATING INSTRUCTIONS

### 1. Programming Watering Plans

The timer offers three flexible programming modes:

- **Scientific Intermittent Watering:** This mode includes a soaking function, allowing soil to absorb water effectively and preventing runoff. You can set watering and soaking times within a defined period.
- **Interval Watering:** Set the timer to water every X hours (e.g., every 12 hours).
- **Assigned-day Watering:** Select specific days of the week for watering.
- **Everyday Watering:** Water daily at your set times.

To set a plan:

1. Turn the dial to **START TIME**, **HOW LONG**, or **HOW OFTEN**.
2. Use the **ZONE** button to select the desired watering plan (P1, P2, or P3).
3. Use **+** and **-** buttons to adjust the settings (start time, duration in hours/minutes, frequency). Press **OK** to confirm each step.

# Scientific Intermittent Watering Program

Prevents runoff and overflow, and saves on water bill

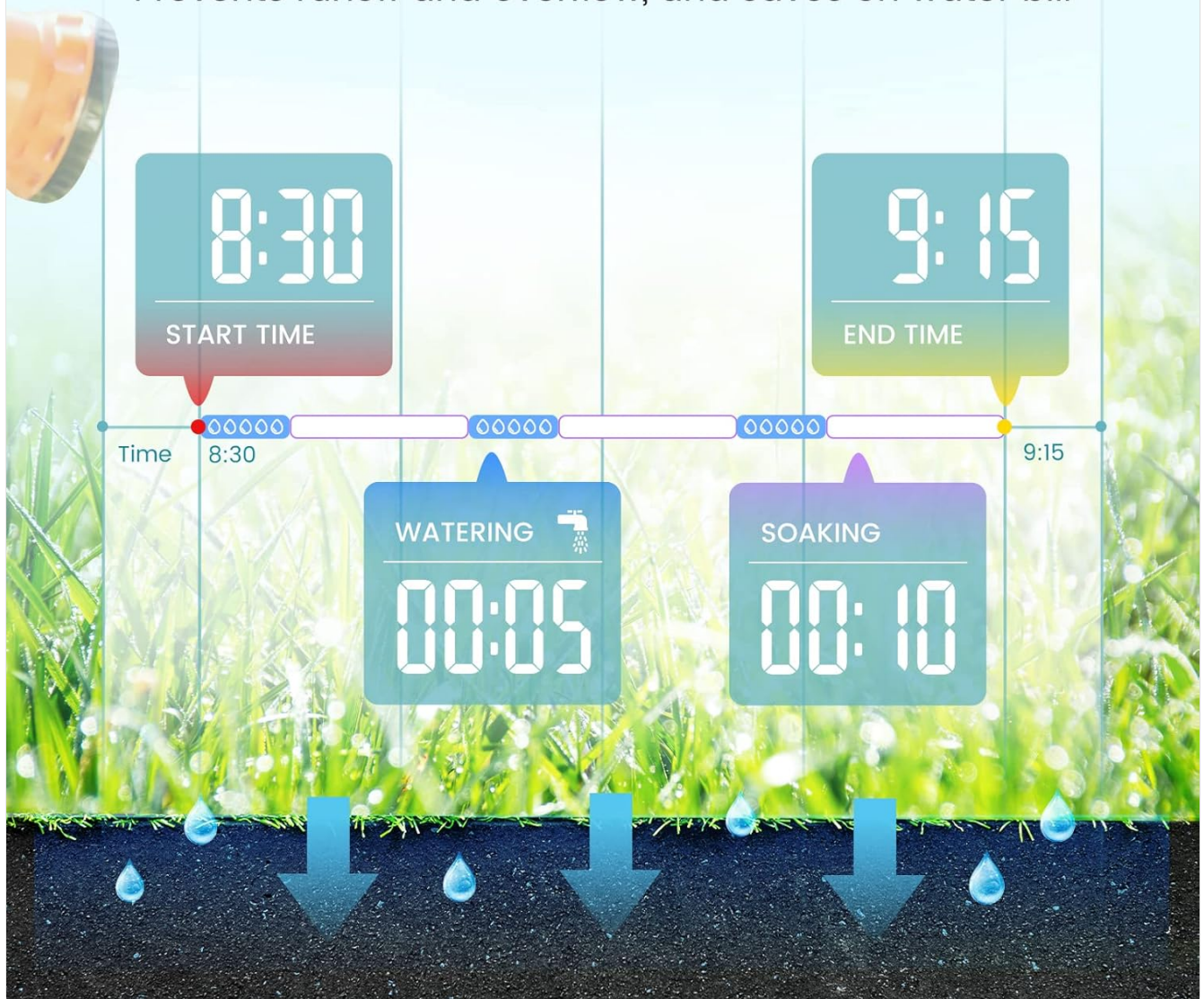


Image: Diagram illustrating the Scientific Intermittent Watering Program with alternating watering and soaking periods.



# Three Independent Plans

Easy and flexible programming for all watering needs

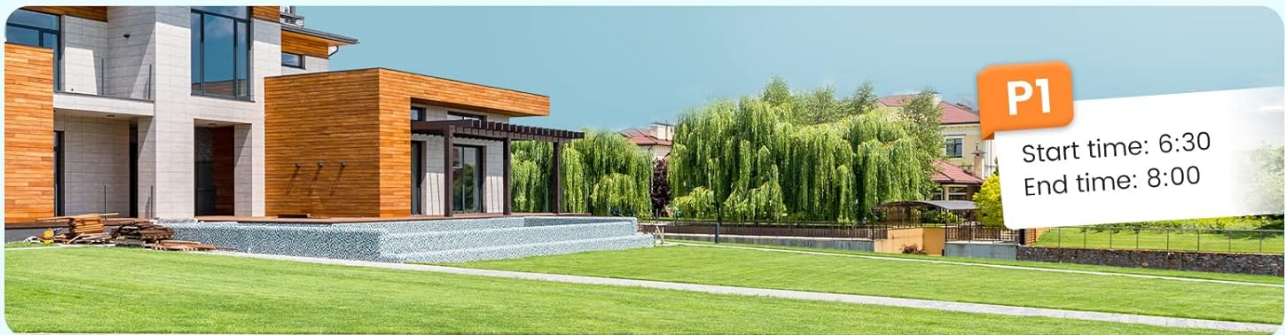


Image: Examples of three independent watering plans (P1, P2, P3) for different garden areas.

# Three Watering Frequency Modes

Designate watering days and times to avoid overwatering

1

## Interval Watering

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
watering duration						
1min 24h						

2

## Assigned-day Watering

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
watering duration						
1min 24h						

3

## Everyday Watering

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
watering duration						
1min 24h						



Image: Visual representation of Interval, Assigned-day, and Everyday watering frequency modes.

## 2. Manual Watering

To water manually without affecting your programmed schedule:

1. Press and hold the **MANUAL** button.
2. Use the **ZONE** button to select the desired zone.
3. Use **+** and **-** to set the desired watering duration (from 1 minute to 23 hours 59 minutes).
4. Press **OK** to start manual watering. The timer will automatically turn off after the set duration.
5. For unlimited manual watering, simply press **MANUAL** once, then press **OK**. The timer will run until manually turned off.

## 3. Rain Delay Function

To temporarily pause your watering schedule due to rain:

1. Press the **DELAY** button.
2. Use **+** and **-** to select a delay period (24 hours, 48 hours, or 72 hours).
3. Press **OK** to activate the rain delay. The schedule will automatically resume after the selected period.





## Rain Delay Function

Postpones your watering schedule  
by **24h/48h/72h**



**Child Lock to  
Avoid Misuse**



Image: The water timer displaying the Rain Delay function and Child Lock icon.

### 4. Child Lock

To prevent accidental changes to your watering program:

1. Press and hold the **LOCK** button for 3 seconds to activate the child lock. A lock icon will appear on the screen.
2. Repeat the process (press and hold **LOCK** for 3 seconds) to deactivate the child lock.

### 5. Accurate Water Measurement

The integrated flow meter provides real-time water usage data:

- The screen displays water flow speed, single water flow, the average water flow of the last 7 days (excluding today), and total water flow.
- Water flow data refreshes every 1 minute.



The image shows a HiJazo Accurate Water Flow Meter installed on a wall next to a brass faucet. The meter is teal and black, with a digital LCD screen displaying various water flow metrics. The screen shows 'ZONE 1', 'CURRENT TIME 09:50', 'WATER FLOW TOTAL 180.6 gal', 'WATER DAY' (SUN, MON, TUE, WED, THU, FRI, SAT), 'START TIME 12:00', and 'NEXT START ZONE 02 DAY 15 HRS'. To the right of the screen are three buttons: '+/DELAY', '/OK', and '-/LOCK'. A rotary dial on the right side of the meter has settings for 'CLOCK', '30', '60', '90', '120', '150', '180', '210', '240', '270', '300', '330', '360', 'OFF', 'ON', 'STOP', 'START', 'VIEW', and 'SETTING'. The meter is connected to a black hose. In the background, there is a modern house with a wooden deck and a lawn with a sprinkler system spraying water.

## Accurate Water Flow Meter

Measures water usage to prevent overwatering and save money

-  Working Pressure: 15~145psi/1.0~10Bar
-  Water Inlet/Outlet: NH3/4"-11.5
-  Hose Type: 3/4" Standard Hose
-  Water Flow Measurement: 0~9999 GAL

Image: The water timer displaying water flow information on its screen, with key specifications listed.

## 6. Low Battery Protection

When the battery power is low, the timer automatically closes the water valve to prevent water waste. All your programmed settings are preserved even when the batteries run out, eliminating the need for re-programming after battery replacement.



# Low Battery Protection

Automatically closes the water valve when the battery is too low, and saves all settings when the battery runs out.



Image: The water timer showing a low battery indicator on its screen, with a visual representation of the valve closing.  
For a quick guide on setting the watering frequency, please watch this video:

Video: How to set How Often to days. This short video demonstrates how to adjust the watering frequency settings on the timer.

## MAINTENANCE

### 1. Winterization

If temperatures are expected to drop below freezing, disconnect the water timer from the faucet and store it indoors in a dry, frost-free location. Freezing water inside the timer can cause irreparable damage.

### 2. Battery Replacement

Replace the two (2) AA batteries annually or when the low battery indicator appears to ensure continuous operation. All settings will be saved during battery replacement.

### 3. Cleaning

The timer features IP54 waterproof construction. Clean the exterior with a damp cloth. Do not use abrasive cleaners or immerse the unit in water.

### TROUBLESHOOTING

Problem	Possible Cause	Solution
Water leaking from faucet connection	Loose connection, worn washer, or insufficient sealing.	Ensure the connection is hand-tight. Replace the rubber washer if worn. Apply Teflon tape to the faucet threads before attaching the timer.
Low water flow or pressure	Obstruction at the inlet, or internal diameter restriction.	Check the screen washer at the timer's inlet for debris and clean if necessary. Be aware that the timer's internal diameter may slightly reduce flow compared to a direct hose connection.
Timer not watering as programmed	Incorrect programming, child lock active, or low batteries.	Review your watering program settings (start time, duration, frequency). Check if the child lock is active (unlock if necessary). Replace batteries if low.
Timer display is blank	Dead batteries.	Replace the two (2) AA batteries.

### SPECIFICATIONS

- **Brand:** HiOazo
- **Model Number:** HO-WTUS-1
- **Color:** Blue
- **Material:** Metal, Plastic
- **Product Dimensions:** 2"D x 5.5"W x 5.5"H
- **Item Weight:** 8.8 ounces (0.55 Pounds)
- **Number of Settings:** 3 independent watering plans
- **Water Pressure Range:** 1 to 10 bar (15~145psi)
- **Water Inlet:** NH3/4"-11.5 (fits most water taps)
- **Hose Adapter:** Included for 3/4" standard hose
- **Waterproof Rating:** IP54
- **Water Flow Measurement:** 0-9999 GAL

# 360-Degree All-round Waterproof Design

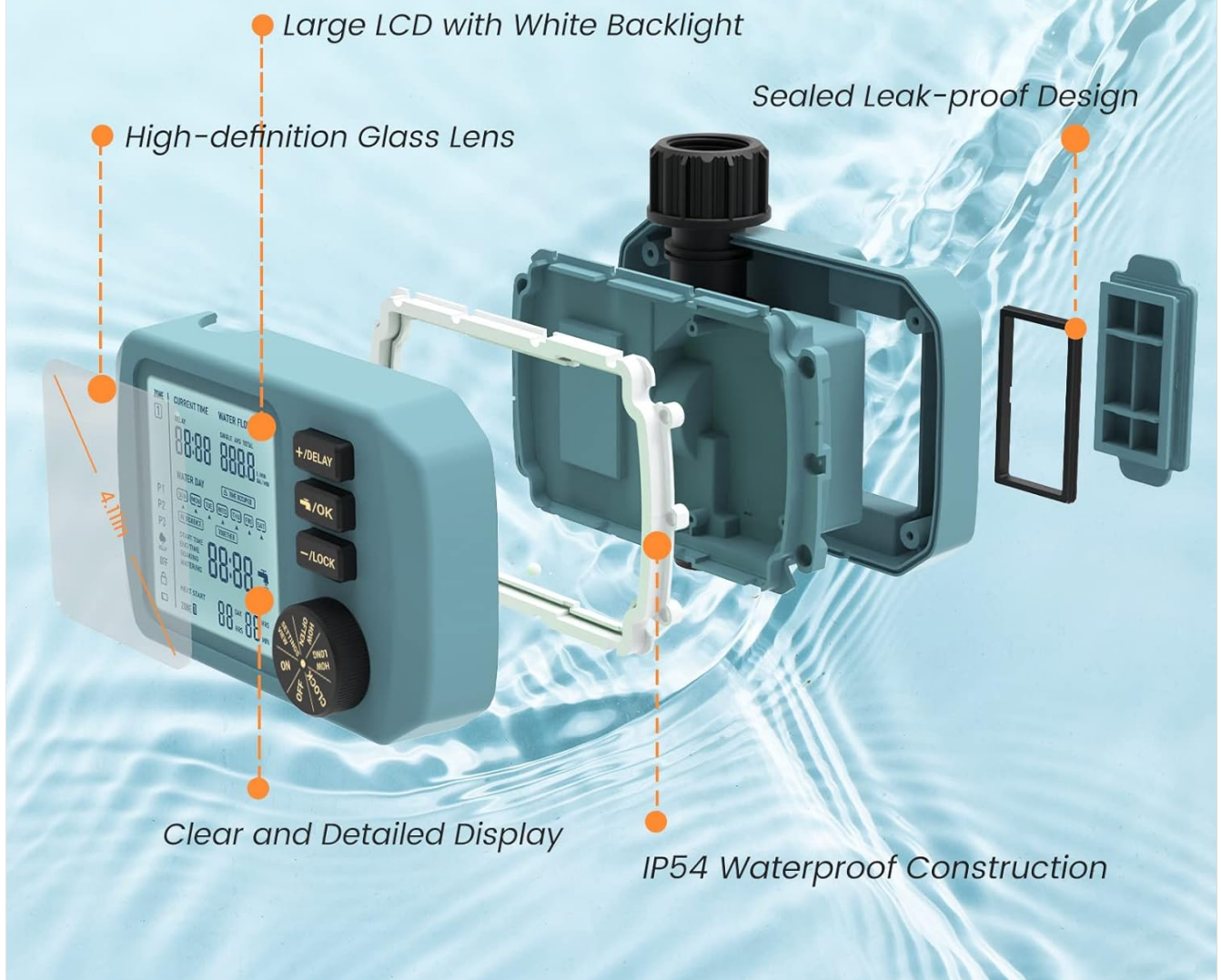
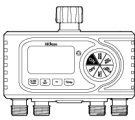





Image: Exploded view of the water timer highlighting its waterproof design features.

## WARRANTY AND SUPPORT

The HiOazo Programmable Water Timer comes with a **TWO-YEAR Quality Promise**. We stand behind our products. If you have any questions, concerns, or require assistance, please do not hesitate to contact our customer service team. We are committed to ensuring your satisfaction.



<div><p><b>IMPORTANT!</b> <b>PLEASE READ!</b></p><ul style="list-style-type: none"><li>PLEASE ACTIVATE THE VALVE BEFORE USE. IF YOU ARE USING IT FOR THE FIRST TIME OR AFTER A PERIOD OF DISUSE TO ENSURE YOU CAN USE IT PROPERLY, BEFORE FIRST USE, TO ACTIVATE THE TIMER AUTOMATICALLY, PRESS AND HOLD THE ON/BUT FOR 10 SECONDS. THE TIMER WILL AUTOMATICALLY TURN ON AND OFF THE VALVE TO TEST AND ACTIVATE. TAKE OUT THE BATTERIES AND RE-INSERT TO GET THE TIMER BACK TO WORK NORMALLY FOR FURTHER USE. IN MOST CASES, THE VALVE IS ACTIVATED, BUT DUE TO EXTERNAL FORCES ON THE ENVIRONMENT DURING STORAGE AND TRANSPORTATION BY A VARIETY OF FACTORS, THE VALVE MAY APPEAR TO CLOSE ON ITS OWN, THEN IT NEEDS TO BE ACTIVATED MANUALLY.</li><li>ONLY USE WITH CLEAN COLD WATER.</li><li>FILTER TRAPS DIRT PARTICLES PROLONGING THE LIFE OF THE PRODUCT. CLEAN FILTER REGULARLY AND REPLACE IF NEEDED.</li><li>WHEN EXPECTING FREEZING TEMPERATURES, THESE SHOULD BE REMOVED FROM THE HOSE FAUCET AND STORED INDOORS TO AVOID POTENTIAL FREEZE DAMAGE.</li></ul></div>	<p><a href="#">Troubleshooting Guide for HiOazo Water Timer</a></p> <p>A comprehensive troubleshooting guide for the HiOazo 4 Zones Water Timer, covering common issues like condensation on the screen, low water pressure, timer malfunction, and leaks, with solutions for each problem.</p>
<div><p><b>HiSazo</b> <b>USER MANUAL</b> 4-Zone Digital Water Timer</p><p>Please keep this manual properly for reference. Do not lose it. The 4-Zone Digital Water Timer is a high-quality product. For any usage issues, please feel free to contact us at support@orbit.com.</p></div>	<p><a href="#">HiSazo 4-Zone Digital Water Timer User Manual (Model ITV405)</a></p> <p>A comprehensive user manual for the HiSazo 4-Zone Digital Water Timer (Model ITV405). This guide covers installation, programming watering schedules, manual watering, rain delay features, troubleshooting, specifications, and important warnings for optimal use.</p>
<div></div>	<p><a href="#">Orbit 1 Outlet Simple Watering Timer: User Guide and Programming Instructions</a></p> <p>A comprehensive guide to programming and using the Orbit 1 Outlet Simple Watering Timer, including features, installation, troubleshooting, and important warnings.</p>
<div></div>	<p><a href="#">RESTMO 1-ZONE WATER TIMER User Manual &amp; Setup Guide</a></p> <p>Comprehensive user manual for the RESTMO 1-ZONE WATER TIMER (Model O-HT-1A). Learn how to install, set up, operate, and troubleshoot your automatic garden water timer for efficient watering.</p>
<div></div>	<p><a href="#">Orbit 1 Outlet Hose Faucet Timer User Manual</a></p> <p>User manual for the Orbit 1 Outlet Hose Faucet Timer, detailing setup, programming, features like rain delay and manual watering, and troubleshooting.</p>