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Restmo O-HT

RESTMO 4-Outlet Sprinkler Timer

USER MANUAL

Introduction

The RESTMO 4-Outlet Sprinkler Timer is designed to automate your garden, yard, and lawn watering schedules with precision and ease. Featuring four independent zones, this programmable water timer allows you to manage different irrigation areas from a single faucet. It offers versatile modes including automatic, manual, and rain delay, ensuring flexible control over your watering needs. Built with durable, leak-proof materials, it is ideal for various outdoor watering applications.



Figure 1: Front view of the RESTMO 4-Outlet Sprinkler Timer, showing the digital display and control dial.

Product Features

- **4 Independent Zones:** Control up to four separate watering areas from one faucet.
- **Multi-Functional Modes:** Auto, Manual, and Rain Delay modes for flexible watering schedules.
- **Programmable Watering:** Duration from 1 minute to 3 hours 59 minutes; frequency from 1 hour to 7 days.
- **Reliable & Leak-Proof:** Pure brass swivel inlet and heavy-duty weatherproof construction ensure durability and prevent leaks.
- **Large LCD Display:** Clear and easy-to-read digital display for programming and monitoring.
- **Low Battery Indicator:** Alerts when batteries need replacement.
- **Wall Mounted Accessory:** Included for secure installation.
- **IP54 Waterproof:** Designed to withstand outdoor elements.



Figure 2: Key features of the sprinkler timer, including independent zones, brass inlet, LCD display, and various watering modes.

Package Contents

Verify that all items are present in your package:

- RESTMO 4-Outlet Sprinkler Timer (Model O-HT)
- User Manual
- Wall Mounting Bracket
- Mounting Screws
- Additional Washers/Seals

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Video 1: An overview of the RESTMO 4-Outlet Sprinkler Timer, showcasing its design and key components included in the package.

Setup and Installation

1. Battery Installation

The timer requires 4 AA alkaline batteries (not included). Locate the battery compartment on the back of the unit. Slide the battery tray out, insert the batteries according to the polarity indicators, and slide the tray back in until it clicks securely. Ensure the compartment is properly sealed to maintain waterproof integrity.



Figure 3: Detailed view of the pure brass inlet thread and the waterproof battery compartment with its sealing ring.

2. Attaching to Faucet

Screw the timer's brass inlet directly onto your outdoor faucet. Hand-tighten until secure. Do not overtighten. The 360° swivel inlet allows for easy positioning without twisting the entire unit.

3. Connecting Hoses

Connect your garden hoses or drip irrigation lines to the four independent outlets at the bottom of the timer.

Ensure all connections are tight to prevent leaks.

4. Optional Wall Mounting

For added stability, especially with multiple hoses, use the included wall mounting bracket. Attach the supporting part to the back of the timer using the provided small screws. Then, mark a suitable position on a wooden post or wall near your faucet, drill a pilot hole, and secure the bracket using the larger screw.

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Video 2: Step-by-step guide on how to install the RESTMO 4-Zone Sprinkler Timer, including attaching the mounting bracket.

Operating Instructions

1. Setting the Clock

Turn the control dial to 'SET CLOCK'. Use the '+' and '-' buttons to adjust the current time. Press 'OK' to switch between setting hours and minutes. Once set, turn the dial to 'ON' to save changes.

2. Programming Start Time

Turn the control dial to 'START TIME'. Press the 'ZONE' button to select the desired watering zone (1, 2, 3, or 4). Use the '+' and '-' buttons to set the specific start time for that zone. Press 'OK' to confirm. Repeat for other zones as needed.

3. Setting Watering Duration ('HOW LONG')

Turn the control dial to 'HOW LONG'. Press the 'ZONE' button to select the desired watering zone. Use the '+' and '-' buttons to set the watering duration (from 1 minute to 3 hours 59 minutes). Press 'OK' to confirm. Repeat for other zones. If duration is set to 0 hour and 0 minute, the program for that zone will not run.

4. Setting Watering Frequency ('HOW OFTEN')

Turn the control dial to 'HOW OFTEN'. Press the 'ZONE' button to select the desired watering zone. Use the '+' and '-' buttons to set the watering frequency (from 1 hour to 12 hours, or from 1 day to 7 days). Press 'OK' to confirm. Repeat for other zones. Note: If 'HOW LONG' is greater than 'HOW OFTEN', the program will automatically skip cycles until the duration fits the frequency.

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Video 3: Detailed instructions on how to program the RESTMO Sprinkler Timer for automatic watering schedules.

5. Activating Automatic Watering

After programming all desired settings, turn the control dial to 'ON'. The timer will now operate according to your programmed schedule. The LCD screen will flash between the next watering start time and the current time when watering is OFF, and display the remaining time of the current program when watering is ON.

ZONE 1, 2, 3, 4 SEPARATELY OPERATE

Watering Frequency: 1-12hrs or 1-7days

Watering Duration: 1min to 3hrs 59mins



ZONE 1

Start Time: 06:00
How Long: 30 Minutes
How Often: 1 Hour

ZONE 2

Start Time: 06:40
How Long: 10 Minutes
How Often: 7 Days

ZONE 3

Start Time: 16:45
How Long: 10 Minutes
How Often: 3 Days

ZONE 4

Start Time: 17:40
How Long: 10 Minutes
How Often: 1 Days

Note: Only one zone can open at a time. When the start time of the 4 zones is same, the timer will open the valve one by one in the sequence of zone.

Figure 4: Illustration of how each of the four zones can be programmed to operate separately with different start times, durations, and frequencies.

Manual Watering

To manually water without interrupting preset programs, turn the dial to 'ON'. Long press the 'OK/MANUAL' button (3 seconds). Use the '+' and '-' buttons to set the desired watering duration (from 1 minute to 6 hours). Press 'OK' to confirm. The selected zone(s) will start watering immediately. To cancel manual mode, turn the dial to 'OFF' and then back to 'ON'.

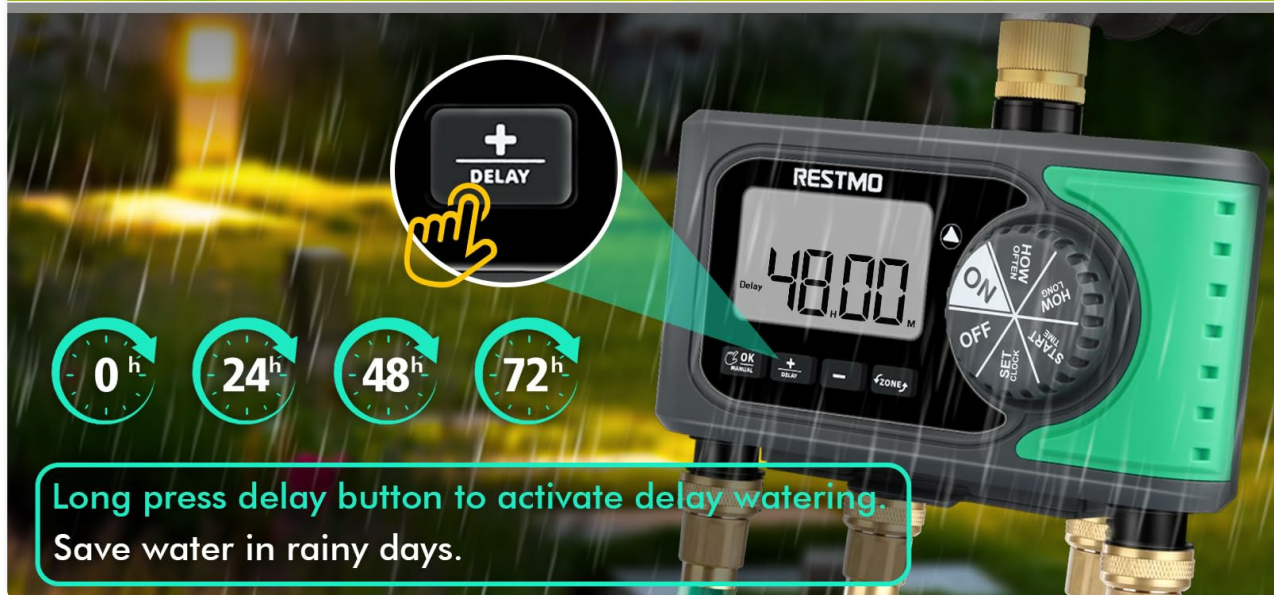


Figure 5: Visual guide for activating manual watering and setting the duration.

Rain Delay Function

To temporarily pause your watering schedule due to rain, turn the dial to 'ON'. Long press the '+/DELAY' button (3 seconds). Use the '+' and '-' buttons to select a delay period of 0, 24, 48, or 72 hours. Press 'OK' to confirm. The timer will pause for the selected duration and then resume its programmed schedule. To cancel the rain delay, long press the '+/DELAY' button again.



Figure 6: Visual guide for activating the rain delay function and selecting the delay period.

Turning Off Valves

To turn off a specific valve or all valves, turn the dial to 'HOW LONG'. Press the 'ZONE' button to select the zone you wish to turn off. Use the '-' button to set the hour to 0 and the minute to 0. Press 'OK' to confirm. This will effectively turn off the valve for that zone. Repeat for other zones as needed. Alternatively, turning the dial to 'OFF' will stop all watering.

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Video 4: Instructions on how to turn off individual valves on the RESTMO Sprinkler Timer.

Resetting Valves (Self-Test)

If you experience issues with valve operation or for initial setup, you can perform a self-test to reset the valves:

1. Attach the timer to your faucet.
2. Turn the faucet to maximum water flow.
3. Remove the battery case and wait for the screen to turn blank (this may take 1-2 minutes).
4. Keep the dial at the 'ON' position.
5. Press and hold the 'OK/MANUAL' button. Insert the battery case back at the same time.
6. Release the 'OK/MANUAL' button. The four valves will start a self-test, opening and closing in sequence.
7. You can repeat this test until all four valves work well.
8. After all valves work well, remove the battery case to stop the self-test. Wait for the screen to turn blank, then re-insert the battery case. You can now use the timer.

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Video 5: Step-by-step instructions on how to reset the valves and perform a self-test on the RESTMO 4-Zone Sprinkler Timer.

Maintenance

- **Battery Replacement:** When the low battery indicator appears on the display, replace all four AA batteries with new ones immediately to avoid interrupting programmed operations.
- **Cleaning:** Periodically clean the timer's exterior with a soft, damp cloth. Do not use abrasive cleaners.
- **Filter Cleaning:** The brass inlet contains a filter to prevent debris from entering the timer. Periodically remove the timer from the faucet and clean the filter screen.
- **Winterization:** Before the first frost, disconnect the timer from the faucet and hoses. Remove the batteries. Store the timer indoors in a dry, frost-free location to prevent damage from freezing water.

Troubleshooting

Problem	Possible Cause	Solution
Timer not turning on/display blank	Dead or incorrectly installed batteries.	Replace batteries with new ones, ensuring correct polarity.
Water not flowing/valve not opening	Low water pressure; valve stuck; program error; filter clogged.	Check water pressure (8-120 PSI required). Perform valve self-test. Clean inlet filter. Verify program settings.
Water leaking from connections	Loose connections; worn washers; damaged threads.	Tighten all connections. Replace old or damaged washers. Ensure brass inlet is not cross-threaded.

Problem	Possible Cause	Solution
Timer not following schedule	Incorrect programming; low batteries; rain delay active.	Review and re-program schedule. Replace batteries. Check if rain delay is active and cancel if necessary.






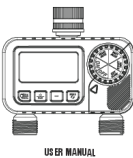
Specifications

- **Brand:** Restmo
- **Model Number:** O-HT
- **Material:** Brass (inlet), Heavy-duty weatherproof construction (shell)
- **Product Dimensions:** 8"D x 3.5"W x 5"H
- **Item Weight:** 5 Ounces
- **Number of Settings:** 4 (independent zones)
- **Inlet Thread:** 3/4" NH Female (pure brass)
- **Outlet Thread:** 3/4" NH Male
- **Max Flow Rate:** 10 GPM
- **Working Water Pressure:** 8-120 PSI (0.5-8 Bar)
- **Power Source:** 4*AA Alkaline batteries (not included)
- **Battery Life:** Over 1 year (estimated)

Warranty and Support

The RESTMO 4-Outlet Sprinkler Timer comes with a manufacturer's warranty, typically 1 year from the date of purchase, covering defects in materials and workmanship. Please refer to the product packaging or contact Restmo customer service for specific warranty details and terms.

For technical support, troubleshooting assistance, or warranty claims, please contact Restmo customer service through their official website or the contact information provided in your product packaging. Keep your purchase receipt as proof of purchase.

<p>RESTMO 4-ZONE DIGITAL WATER TIMER</p>  <p>USER MANUAL O-HT-3D</p>	<p>Restmo 4-Zone Digital Water Timer User Manual</p> <p>Comprehensive user manual for the Restmo 4-Zone Digital Water Timer (Model O-HT-3D), covering installation, setup, operation, and troubleshooting for efficient garden watering.</p>
<p>RESTMO AUTOMATIC WATER TIMER</p>  <p>USER MANUAL O-HT-7</p>	<p>Restmo O-HT-7 Automatic Water Timer User Manual Garden Hose Timer Guide</p> <p>Comprehensive user manual for the Restmo O-HT-7 Automatic Water Timer. Learn how to set up watering programs, manual watering, delay watering, and troubleshoot common issues for your garden hose timer.</p>
	<p>RESTMO 1-ZONE WATER TIMER User Manual & Setup Guide</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>
<p>RESTMO 4-ZONE AUTOMATIC WATER TIMER</p>  <p>USER MANUAL O-HT-9</p>	<p>RESTMO 4-Zone Automatic Water Timer User Manual</p> <p>User manual for the RESTMO 4-Zone Automatic Water Timer (Model O-HT-9), detailing installation, setup, operation modes (automatic, manual, delay), specifications, and troubleshooting for efficient garden watering.</p>
<p>RESTMO AUTOMATIC WATER TIMER</p>  <p>USER MANUAL O-HT-2A</p>	<p>RESTMO O-HT-2A Automatic Water Timer User Manual</p> <p>Comprehensive user manual for the RESTMO O-HT-2A Automatic Water Timer, covering setup, operation, specifications, and troubleshooting for efficient garden watering.</p>
<p>RESTMO 2-ZONE DIGITAL WATER TIMER</p>  <p>USER MANUAL O-HT-3B</p>	<p>Restmo 2-Zone Digital Water Timer User Manual O-HT-3B Setup & Troubleshooting</p> <p>Comprehensive user manual for the Restmo 2-Zone Digital Water Timer (Model O-HT-3B). Learn how to install, set up, operate, and troubleshoot your water timer for efficient garden watering.</p>