

## Diivoo DI-WT21M-USGN-A303

# Diivoo Sprinkler Timer 2 Zone Instruction Manual

Model: DI-WT21M-USGN-A303

Brand: Diivoo

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Diivoo 2-Zone Sprinkler Timer. Please read this manual thoroughly before use to ensure proper function and longevity of the device.

The Diivoo 2-Zone Sprinkler Timer is designed to automate watering for two separate areas, offering flexible programming options for various irrigation needs. Its robust, waterproof design ensures reliable performance in outdoor environments.

For optimal performance and safety, always follow the guidelines provided in this manual.



Image: Front view of the Diivoo 2-Zone Sprinkler Timer, showing the digital display, control dial, and two hose outlets.

## 2. KEY FEATURES

- **2 Zone Separate Watering:** Independently schedule watering for two distinct areas.
- **Programmable Schedules:** Set start times, watering duration (0-240 min), and frequency (1H/3H/6H/12H or daily to every 7 days, including even/odd days).
- **Rain Delay Mode:** Suspend watering for 1 to 7 days to conserve water during rainy periods.
- **Manual Watering Mode:** Temporarily water without interrupting preset programs.
- **Upgraded Leakproof Design:** Connectors made of 30% reinforced nylon, withstands 7.25 psi to 116.03 psi. Includes aluminum alloy filter, thread seal tape, and sealing washer.
- **IPX5 Waterproof:** Designed for outdoor use with a sealed battery compartment to prevent water ingress.
- **Easy Setup:** Comes with two 1/2" quick hose connectors, compatible with standard 3/4" or 1/2" garden hoses.

- **Battery Powered:** Requires 2 AA 1.5V alkaline batteries (not included), providing 6-8 months of service life.

# IPX5 Waterproof Upgraded

It can effectively prevent water ingress into the water timer



Image: Diagram highlighting the IPX5 waterproof features of the Diivoo Sprinkler Timer, including double seals and integrated sealant.

## 3. SETUP AND INSTALLATION

### 3.1 Battery Installation

The timer requires 2 AA 1.5V alkaline batteries (not included). Ensure correct polarity when inserting the batteries.

1. Locate the battery compartment on the back of the timer.
2. Open the battery cover.
3. Insert 2 new AA 1.5V alkaline batteries.
4. Close the battery cover securely to maintain the waterproof seal.



Manual Watering

Pooling Filling

Sprinkle Controller

Drainage hole

Image: Step-by-step guide for installing the Diivoo Sprinkler Timer, including battery insertion, connecting to the faucet, attaching hoses, and ensuring horizontal mounting.

### 3.2 Connecting the Timer

The timer is designed for easy, tool-free installation.

1. Ensure the faucet is turned off.
2. Thread the timer onto any standard 3/4" or 1/2" garden outdoor faucet. Use the provided 1/2" adapter and leak-proof gasket if necessary. Apply PTFE tape to the threads to prevent leaks.
3. Attach your garden hoses to the two bottom hose connectors of the timer.
4. Ensure the timer is mounted horizontally to prevent water leakage and ensure proper function.

## 4. OPERATING INSTRUCTIONS

The Diivoo Sprinkler Timer features a user-friendly interface with a control dial and dedicated buttons.

# 2 Independent Irrigation Zone



Image: Detailed view of the Diivoo Sprinkler Timer's display and control dial, illustrating the various programming options.

## 4.1 Setting the Clock

1. Turn the dial to "SET CLOCK".
2. Use the "+" and "-" buttons to adjust the current time.
3. Press "OK" or turn the dial to the next setting to confirm.

## 4.2 Programming Watering Schedules (Zones 1 & 2)

Each zone can be programmed independently.

1. **Select Zone:** Press the "ZONE 1" or "ZONE 2" button to select the desired watering zone.
2. **Set Start Time:** Turn the dial to "START TIME". Use "+" and "-" to set the desired watering start time.
3. **Set Watering Duration ("HOW LONG"):** Turn the dial to "HOW LONG". Use "+" and "-" to set the watering duration from 0 to 240 minutes.
4. **Set Watering Frequency ("HOW OFTEN"):** Turn the dial to "HOW OFTEN". Use "+" and "-" to set the watering frequency (e.g., every 1H, 3H, 6H, 12H, or daily to every 7 days). You can also select specific days or even/odd days.

5. **Activate Program:** Turn the dial to "AUTO" to activate the programmed schedule.



Image: Visual guide on setting the water timer, detailing options for start time, watering duration, and frequency.

### 4.3 Rain Delay Function

The Rain Delay mode allows you to pause your watering schedule for a set period, preventing over-watering during rainy conditions.

1. Ensure the dial is set to "AUTO".
2. Press and hold the "+ DELAY" button for 2 seconds.
3. Use the "+" and "-" buttons to select the delay duration (1 to 7 days).
4. The timer will automatically resume its programmed schedule after the delay period ends.

# Easy to Read and Setup

Say goodbye to cumbersome, minimalist settings!



Image: The Diivoo Sprinkler Timer display showing the rain delay function activated for 3 days, with icons for each day of the week.

## 4.4 Manual Watering

To water manually without affecting your programmed schedule:

1. Press the "MANUAL" button.
2. Use the "+" and "-" buttons to set the desired manual watering duration (1 to 240 minutes).
3. Press "OK" or "MANUAL" again to start watering.
4. To stop manual watering, press "MANUAL" again or turn the dial to "OFF" and then back to "AUTO".

# Manual Watering

Without interrupting the preset watering program



Image: A collage demonstrating the manual watering feature, showing its use for various tasks like filling a pool, watering a lawn, washing a car, and watering plants.

## 5. MAINTENANCE

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Always use new AA 1.5V alkaline batteries.
- **Cleaning:** Periodically clean the filter located at the inlet of the timer to prevent debris from clogging the system.
- **Winterization:** Before the first frost, disconnect the timer from the faucet and hoses. Drain any remaining water and store the timer indoors in a dry, frost-free location.
- **Leak Prevention:** Ensure all connections are tight. If leaks occur, re-apply PTFE tape to threads and check the condition of gaskets and washers.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not watering.	<ul style="list-style-type: none"><li>Batteries are low or dead.</li><li>Timer is in "OFF" mode.</li><li>Rain Delay is active.</li><li>Water pressure is too low.</li><li>Faucet is turned off.</li></ul>	<ul style="list-style-type: none"><li>Replace batteries.</li><li>Turn dial to "AUTO".</li><li>Wait for delay to end or manually cancel.</li><li>Ensure water pressure is within 7.25-116.03 psi.</li><li>Turn on the faucet.</li></ul>
Water leaking from connections.	<ul style="list-style-type: none"><li>Loose connection.</li><li>Damaged washer/gasket.</li><li>Incorrect installation (not horizontal).</li></ul>	<ul style="list-style-type: none"><li>Tighten connections by hand.</li><li>Replace washer/gasket.</li><li>Ensure horizontal mounting.</li></ul>
Display is blank or dim.	<ul style="list-style-type: none"><li>Low or dead batteries.</li><li>Incorrect battery installation.</li></ul>	<ul style="list-style-type: none"><li>Replace batteries.</li><li>Check battery polarity.</li></ul>
Timer not following schedule.	<ul style="list-style-type: none"><li>Incorrect program settings.</li><li>Rain Delay active.</li></ul>	<ul style="list-style-type: none"><li>Review and re-program schedule.</li><li>Check for active Rain Delay.</li></ul>

## 7. SPECIFICATIONS

**Brand:** Diivoo

**Model Number:** DI-WT21M-USGN-A303

**Color:** Green

**Material:** Plastic

**Product Dimensions:** 14.4 x 7.5 x 13 cm

**Item Weight:** 430 g

**Water Pressure Range:** 7.25 psi to 116.03 psi

**Watering Duration:** 0 to 240 minutes

**Watering Frequency:** Every 1H/3H/6H/12H or 1-7 days

**Waterproof Rating:** IPX5

**Power Source:** 2 x AA 1.5V Alkaline Batteries (not included)

**Battery Life:** Approximately 6-8 months

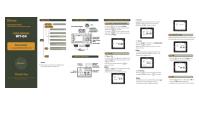
## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Diivoo customer service directly. Contact details are typically available on the manufacturer's official website or through your point of purchase.

Our team of experts is available to assist you with any questions or issues you may encounter with your Diivoo Sprinkler Timer.

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### Related Documents

	<p><a href="#">Diivoo Dual Water Timer User Manual</a></p> <p>This user manual provides detailed instructions for the Diivoo Dual Water Timer, covering product appearance, specifications, function key descriptions, important tips, operation modes, and FAQs. Learn how to set up and use your Diivoo water timer for efficient garden irrigation.</p>
	<p><a href="#">Diivoo WT-04 Dual Water Timer User Manual: Setup, Operation, and Troubleshooting</a></p> <p>Comprehensive user manual for the Diivoo WT-04 Dual Water Timer. Learn how to set up, program, operate, and maintain your automatic garden watering system, including features like rain delay and child lock.</p>
	<p><a href="#">Diivoo WT-04 Dual Water Timer User Manual</a></p> <p>User manual for the Diivoo WT-04 Dual Water Timer, providing instructions on setting up automatic watering programs, manual operation, rain delay, child lock, and troubleshooting.</p>
	<p><a href="#">Diivoo WT-05W Smart Dual Water Timer with WiFi Hub User Manual</a></p> <p>User manual for the Diivoo WT-05W Smart Dual Water Timer with WiFi Hub. This guide covers setup, app usage, features like manual watering and rain delay, integration with Alexa and Google Assistant, and troubleshooting.</p>