

RIOGOO SGW01T

RIOGOO Outdoor Garden Tap Timer (Model SGW01T) Instruction Manual

Model: SGW01T

1. SAFETY INFORMATION

Please read this instruction manual carefully before operating the RIOGOO Outdoor Garden Tap Timer. Keep this manual for future reference.

- This device is designed for outdoor use with water. Ensure all connections are secure to prevent leaks.
- Do not immerse the timer in water. The device is IP55 waterproof, meaning it is protected against low-pressure water jets from any direction, but not submersion.
- Use only 2 x 1.5V AA alkaline batteries. Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the timer will not be used for an extended period or during freezing temperatures to prevent damage.
- Operating water pressure range: 7.25 psi to 116 psi. Do not exceed these limits.
- Keep the device out of reach of children and pets.

2. PRODUCT OVERVIEW

2.1 Package Contents

The package includes the following items:

- RIOGOO Water Timer (1 unit)
- Thread Sealing Tape (1 roll)
- Quick Connector (1 unit)
- Instruction Manual (1 unit)
- Reduction Hex Bushing (3/4" NPT male to 1/2" NPT female) (1 unit)

2.2 Component Identification

Familiarize yourself with the parts of your RIOGOO Garden Tap Timer:



Figure 1: RIOGOO Garden Tap Timer Components

1. **Filter Washer:** Prevents debris from entering the timer.
2. **Fitting 3/4" Hose (Top):** Inlet connection for the water tap.
3. **LCD Screen:** Displays time, programming settings, and status.
4. **ESC/Manual Button:** Used to exit settings or activate manual watering.
5. **SET/OK Button:** Used to confirm settings or enter programming mode.
6. **+ Button:** Used to increase values or navigate forward in settings.
7. **- Button:** Used to decrease values or navigate backward in settings.
8. **Fitting 3/4" Hose (Bottom):** Outlet connection for the garden hose.
9. **Thread Reducer:** Adapter for connecting to 1/2" NPT taps.
10. **3/4 inch GHT male thread:** Standard garden hose thread for connection.
11. **Thread Seal Tape:** Used to ensure watertight connections.

2.3 Key Features

- **3 Watering Modes:** Automatic, Manual, and Rain Delay for flexible watering plans.
- **Easy Programming:** Intuitive button interface for setting clock, watering frequency, duration, and start time.
- **Large LCD Display:** Clear and easy-to-read screen for monitoring settings.
- **Child Lock:** Prevents accidental changes to programmed settings.
- **Durable Construction:** IP55 waterproof material with a reinforced connector (35% fiber) to withstand high water pressure (7.25psi to 116psi).
- **Low Power Protection:** Automatically shuts off valves when battery power is critically low to prevent continuous watering.

3. SPECIFICATIONS

Feature	Specification
Brand	RIOGOO
Model Number	SGW01T
Color	Gray
Material	Plastic
Product Dimensions (D x W x H)	3.94" x 1.97" x 3.94" (100mm x 50mm x 100mm approx.)
Item Weight	300 Grams
Water Pressure Range	7.25 psi to 116 psi
Power Source	2 x 1.5V AA Alkaline Batteries (not included)
Watering Frequency	1 minute to 23 hours 59 minutes, or 1 to 7 days
Watering Duration	1 minute to 23 hours 59 minutes
Rain Delay Duration	1 to 7 days



Figure 2: Product Dimensions

4. SETUP INSTRUCTIONS

4.1 Battery Installation

The timer requires 2 x 1.5V AA alkaline batteries (not included).

1. Locate the battery compartment on the back of the timer.
2. Twist and pull to open the battery cover.
3. Insert two new AA alkaline batteries, ensuring correct polarity (+/-).
4. Replace the battery cover, ensuring the sealing ring is properly seated to maintain waterproof integrity.

4.2 Connecting the Timer to Your Tap

Follow these steps to connect the timer to your outdoor water tap:

1. Ensure the filter washer is inserted into the top inlet of the timer (Fitting 3/4" Hose).
2. Wrap the thread sealing tape around the threads of your outdoor tap for a watertight seal.
3. Screw the timer onto your outdoor tap securely. Hand-tighten only.
4. If your tap is 1/2" NPT, use the provided reduction hex bushing before attaching the timer.
5. Connect your garden hose or drip irrigation system to the bottom outlet of the timer (Fitting 3/4" Hose).

5. OPERATING INSTRUCTIONS

The RIOGOO Garden Tap Timer offers three watering modes: Automatic, Manual, and Rain Delay.

5.1 Initial Setup: Setting the Clock

1. Press the **SET/OK** button to enter programming mode. The clock icon will flash.
2. Use the **+** and **-** buttons to adjust the current time (hour and minute).
3. Press **SET/OK** to confirm each setting and move to the next.
4. Once the clock is set, press **ESC/Manual** to return to the main display.

5.2 Programming Watering Schedules (Automatic Mode)

This mode allows you to set a recurring watering schedule.



Figure 3: Automatic Watering Display

1. From the main display, press **SET/OK** repeatedly until the 'START TIME' setting flashes.

2. Use **+** and **-** buttons to set your desired watering start time. Press **SET/OK** to confirm.
3. Next, 'HOW LONG' (watering duration) will flash. Use **+** and **-** to set the duration from 1 minute to 23 hours 59 minutes. Press **SET/OK** to confirm.
4. Then, 'HOW OFTEN' (watering frequency) will flash. Use **+** and **-** to set the frequency from 1 minute to 23 hours 59 minutes, or 1 to 7 days. Press **SET/OK** to confirm.
5. After setting all parameters, the timer will return to the main display. The automatic schedule is now active.

5.3 Manual Watering

Manual mode allows for immediate, temporary watering without interrupting your programmed schedule.

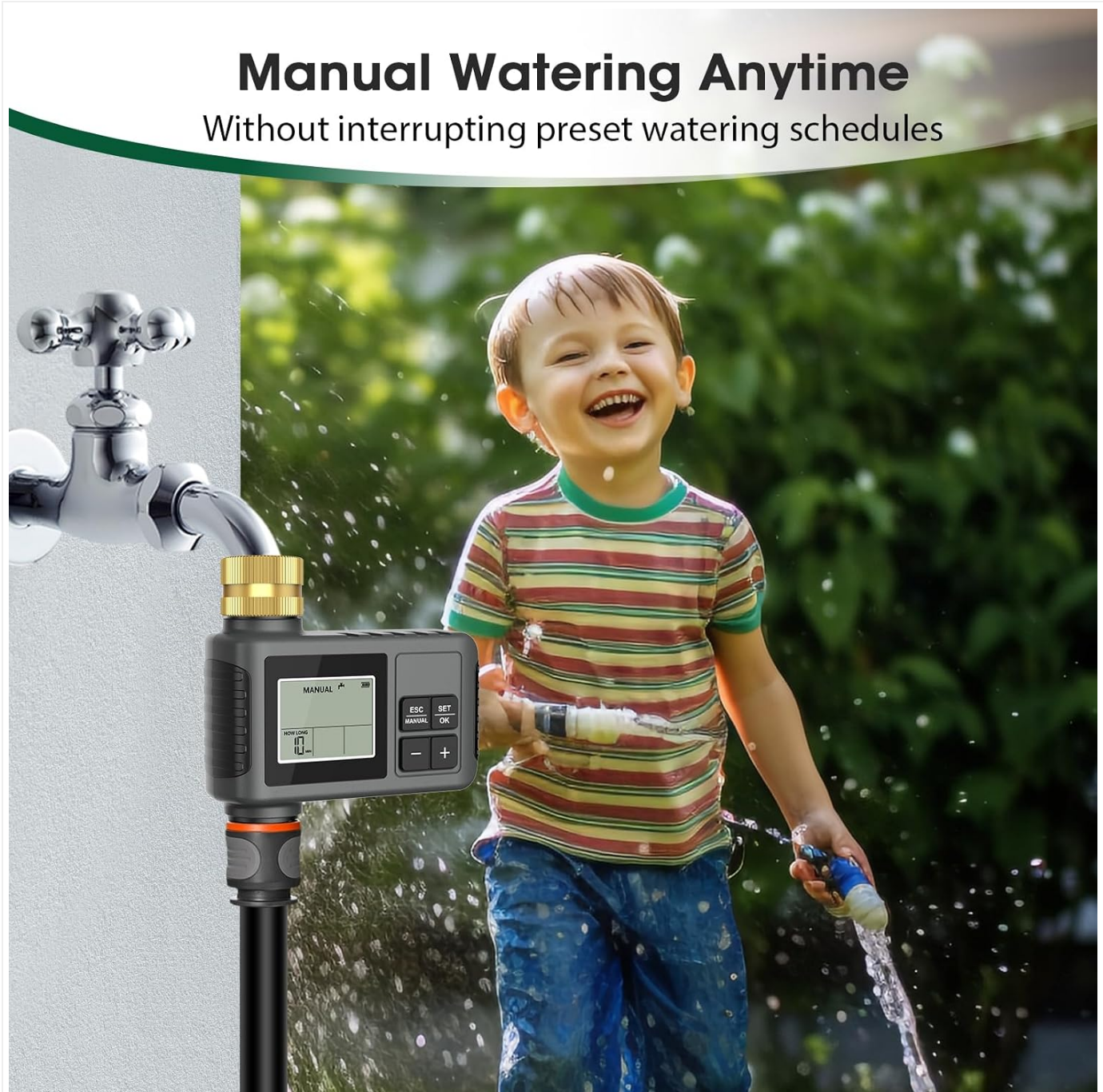


Figure 4: Manual Watering in Use

1. From the main display, press the **ESC/Manual** button. The display will show 'MANUAL' and a duration.
2. Use the **+** and **-** buttons to set the desired manual watering duration (from 1 minute to 23 hours 59 minutes).
3. Press **SET/OK** to start manual watering. The timer will begin watering immediately for the set duration.
4. To stop manual watering early, press **ESC/Manual** again.

5.4 Rain Delay Function

The rain delay function pauses your automatic watering schedule for a set period, saving water after rainfall.



Figure 5: Rain Delay Function

1. From the main display, press **SET/OK** repeatedly until the 'DELAY' icon flashes.
2. Use the **+** and **-** buttons to select the desired delay duration (from 1 to 7 days).
3. Press **SET/OK** to confirm the rain delay. The timer will pause its schedule for the selected number of days and automatically resume afterward.
4. To cancel the rain delay, repeat the steps and set the delay duration to '0' or press **ESC/Manual** to exit.

5.5 Child Lock Function

To prevent accidental changes to your settings, activate the child lock:

- To activate: Press and hold the **SET/OK** button for 3 seconds. A lock icon will appear on the screen.
- To deactivate: Press and hold the **SET/OK** button for 3 seconds again. The lock icon will disappear.

5.6 Low Power Protection

The timer is equipped with a low power protection feature. When the battery level is critically low, the timer will automatically shut off the valves to prevent continuous watering and conserve remaining power. Replace batteries promptly when the low battery indicator appears on the LCD screen.



Figure 6: Low Power Protection

6. MAINTENANCE

6.1 Battery Replacement

Replace batteries when the low battery indicator appears on the LCD screen or if the timer malfunctions. Refer to section 4.1 for battery installation steps.

6.2 Cleaning the Filter

Periodically check and clean the filter washer located at the top inlet of the timer to prevent blockages and ensure proper

water flow. Remove the timer from the tap, take out the filter, rinse it under running water, and reinsert it.

6.3 Winter Storage

Before the first frost, disconnect the timer from the tap and hose. Remove the batteries. Store the timer indoors in a dry, frost-free location to prevent damage from freezing water.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not watering	Low batteries Incorrect programming Water tap off Child lock active Rain delay active	Replace batteries Check and adjust schedule Ensure tap is fully open Deactivate child lock Check rain delay status
Water leakage from connections	Loose connections Missing or damaged washer/seal tape Cracked housing	Tighten connections Ensure filter washer is present and intact; reapply thread seal tape Contact customer support if housing is damaged
LCD screen blank or dim	Dead or low batteries	Replace batteries
Timer not responding to buttons	Child lock active Batteries low or dead	Deactivate child lock Replace batteries

8. WARRANTY AND SUPPORT

RIOGOO products are manufactured with quality and reliability in mind. For warranty information or technical support, please refer to the contact details provided on the product packaging or the official RIOGOO website. Please have your model number (SGW01T) and purchase information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question