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› Insoma 2 Zones WiFi Water Timer with Brass Inlet and Outlet Instruction Manual

## Insoma SGW02W-TTA-03NH-L

# Insoma 2 Zones WiFi Water Timer with Brass Inlet and Outlet Instruction Manual

Model: SGW02W-TTA-03NH-L

Brand: Insoma

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## 1. INTRODUCTION

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This manual provides instructions for the installation, operation, and maintenance of your Insoma 2 Zones WiFi Water Timer with Brass Inlet and Outlet. This smart device allows you to remotely control and automate your garden watering schedules via a mobile application and voice commands, ensuring efficient irrigation for your plants, garden, greenhouse, and lawn.

The timer features durable brass inlet and outlet connections for enhanced leak prevention and longevity, especially under direct sunlight. It supports two independent watering zones, each with customizable schedules, and includes functions like manual watering and rain delay.

## 2. PACKAGE CONTENTS

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Please verify that all components are present before proceeding with installation:

- Insoma 2 Zones WiFi Water Timer (Model SGW02W-TTA-03NH-L)
- WiFi Hub (Gateway)
- User Manual (this document)
- Required batteries (not specified if included, assume user provides)



Image: The Insoma 2 Zones WiFi Water Timer, showing its brass inlet and outlet connections.

### 3. SETUP INSTRUCTIONS

#### 3.1 Physical Installation

1. **Install Batteries:** Open the battery compartment on the water timer and insert the required batteries (typically AA or AAA, refer to device markings if not specified). Ensure correct polarity.
2. **Connect to Faucet:** Screw the brass inlet of the water timer onto your outdoor faucet. Hand-tighten firmly to prevent leaks. The brass threads are designed for a secure, leak-proof connection.
3. **Connect Hoses:** Attach your garden hoses to the brass outlets (Zone A and Zone B) of the water timer. Ensure these connections are also tight.

# More Durable & Leak-Proof



Image: Close-up view of the Insoma water timer's brass inlet, stainless steel filter, and brass outlets, highlighting its durable and leak-proof design.

## 3.2 App Installation and Pairing

1. **Download Smart Life App:** Search for "Smart Life" in your mobile device's app store (iOS or Android) and download the application.
2. **Register/Log In:** Open the Smart Life app and register for a new account or log in if you already have one.
3. **Connect WiFi Hub (Gateway):**
  - Plug in the WiFi Hub (Gateway) to a power source near your home's 2.4GHz WiFi router.
  - In the Smart Life app, tap the "+" icon to add a new device.
  - Select "Gateway" or "Hub" from the device list and follow the on-screen instructions to connect it to your 2.4GHz WiFi network. **Note: The system only supports 2.4GHz WiFi. 5GHz networks are not compatible.**
4. **Pair Water Timer:**
  - Once the WiFi Hub is successfully added, ensure the water timer is powered on.
  - In the Smart Life app, within the Gateway's interface, select "Add Sub Device" or similar option.

- Follow the app's instructions to put the water timer into pairing mode (this usually involves pressing and holding a button on the timer).
- The app will detect and add the water timer. Assign a name to each zone (e.g., "Front Lawn," "Back Garden") for easy identification.



Image: A user remotely managing watering schedules via the Smart Life app, demonstrating the app's interface and the requirement for a 2.4GHz WiFi connection.

## 4. OPERATION

### 4.1 App Remote Control

After successful pairing, you can manage your watering schedules from anywhere using the Smart Life app. The app allows you to:

- Set and modify watering schedules for each zone.
- Initiate or stop manual watering.
- View watering logs and device status.
- Activate the rain delay function.

## 4.2 Voice Control with Alexa

The Insoma water timer is compatible with Amazon Alexa. To enable voice control:

1. Ensure your Alexa device is set up and connected to the same network as your WiFi Hub.
2. Open the Alexa app, go to "Skills & Games," and search for "Smart Life."
3. Enable the Smart Life skill and link your Smart Life account.
4. Discover devices. Your water timer should appear.
5. You can now use voice commands such as: "Alexa, turn on [Zone Name] water timer" or "Alexa, turn off [Zone Name] water timer."



Image: A user interacting with an Alexa device to control the smart water timer, illustrating the voice control feature.

## 4.3 Manual Watering

You can initiate manual watering without affecting your preset schedules. This is useful for immediate watering needs.

- **Via App:** In the Smart Life app, select the desired zone and choose the manual watering option. Set the duration (from 1 minute up to 23 hours 59 minutes).
- **Via Device:** The timer may have a physical button for manual operation. Pressing it typically activates a default manual watering duration (e.g., 10 minutes). Refer to the device's specific button functions.

# Manual Watering Anytime

Without interrupting preset schedules



Image: The Insoma water timer connected to a faucet, with an overlay showing two ways to set manual watering: directly on the timer for 10 minutes or via the app for 1 minute to 24 hours.

## 4.4 Setting Watering Schedules (2 Independent Zones)

The timer supports two independent watering zones (A and B), each capable of holding up to 10 watering schedules. There are two types of schedules:

- **Timed Watering Mode:**

- Set a specific start time for watering.
- Define the irrigation duration (e.g., 1 minute to 24 hours).
- Choose the watering frequency: weekly cycle (specific days of the week), odd days, even days, or every few days.

- **Cyclical Watering Mode:**

- Set a start time and an end time for the entire watering cycle.
- Define the irrigation duration for each watering event within the cycle.
- Set an interval time between each watering event.
- The timer will automatically cycle watering within the preset start and end times.

# 2 Independent Zones

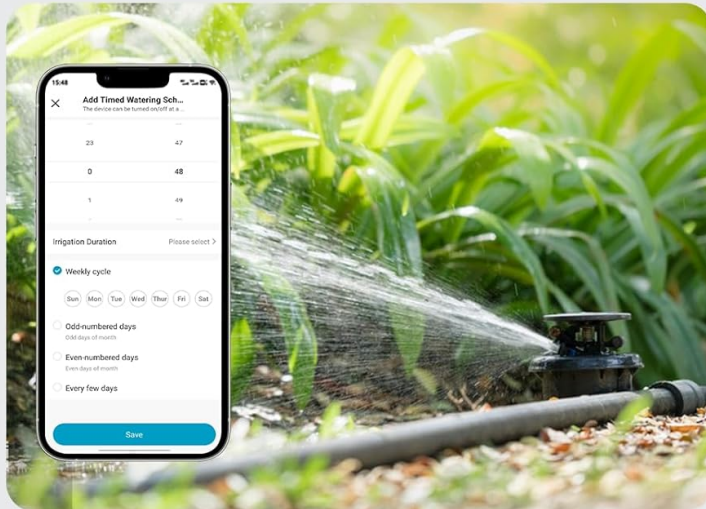
Up to 10 independent watering programs per zone



Image: The Insoma water timer installed outdoors, illustrating its two independent zones (A and B) and the ability to set up to 10 watering programs per zone for different garden areas.

# 2 Watering Schedule Setting Types

Customize different watering programs for your plants



## Timed Watering Type

Start Time: 0:00-23:59

Irrigation Duration:

1min 24H

Irrigation Duration:

Weekly cycle

or

Odd day

or

Even day

or

Every few days

## Cyclical Watering Type

Start Time: 0:00-23:59

End Time: 0:00-23:59

Irrigation Duration:

1min 24H

Interval Time: 1min-24H

Cycle Duration: Mon-Sun

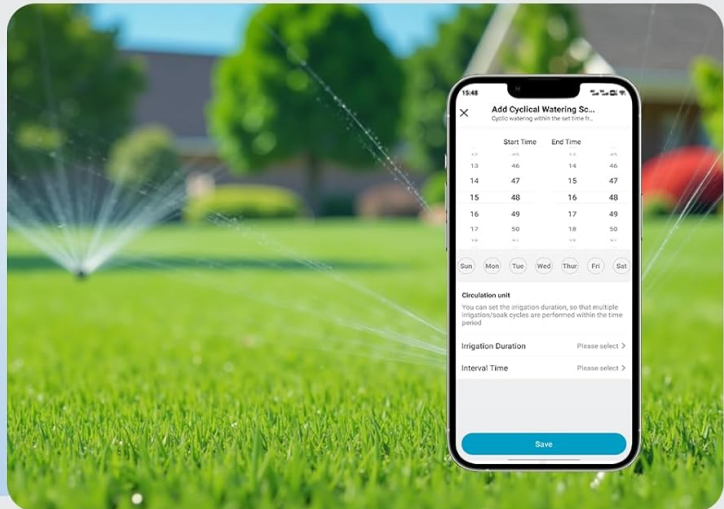


Image: Screenshots of the Smart Life app showing the interfaces for setting Timed Watering Type and Cyclical Watering Type schedules, including options for start time, duration, interval, and weekly cycles.

## 4.5 Rain Delay Function

The rain delay feature allows you to temporarily pause scheduled watering to avoid overwatering during rainy periods and conserve water.

- Activate rain delay via the Smart Life app.
- You can set the delay duration from 1 to 7 days.
- After the set delay period, scheduled watering will automatically resume.

# Rain Delay Function

Avoid unnecessary watering in rainy day

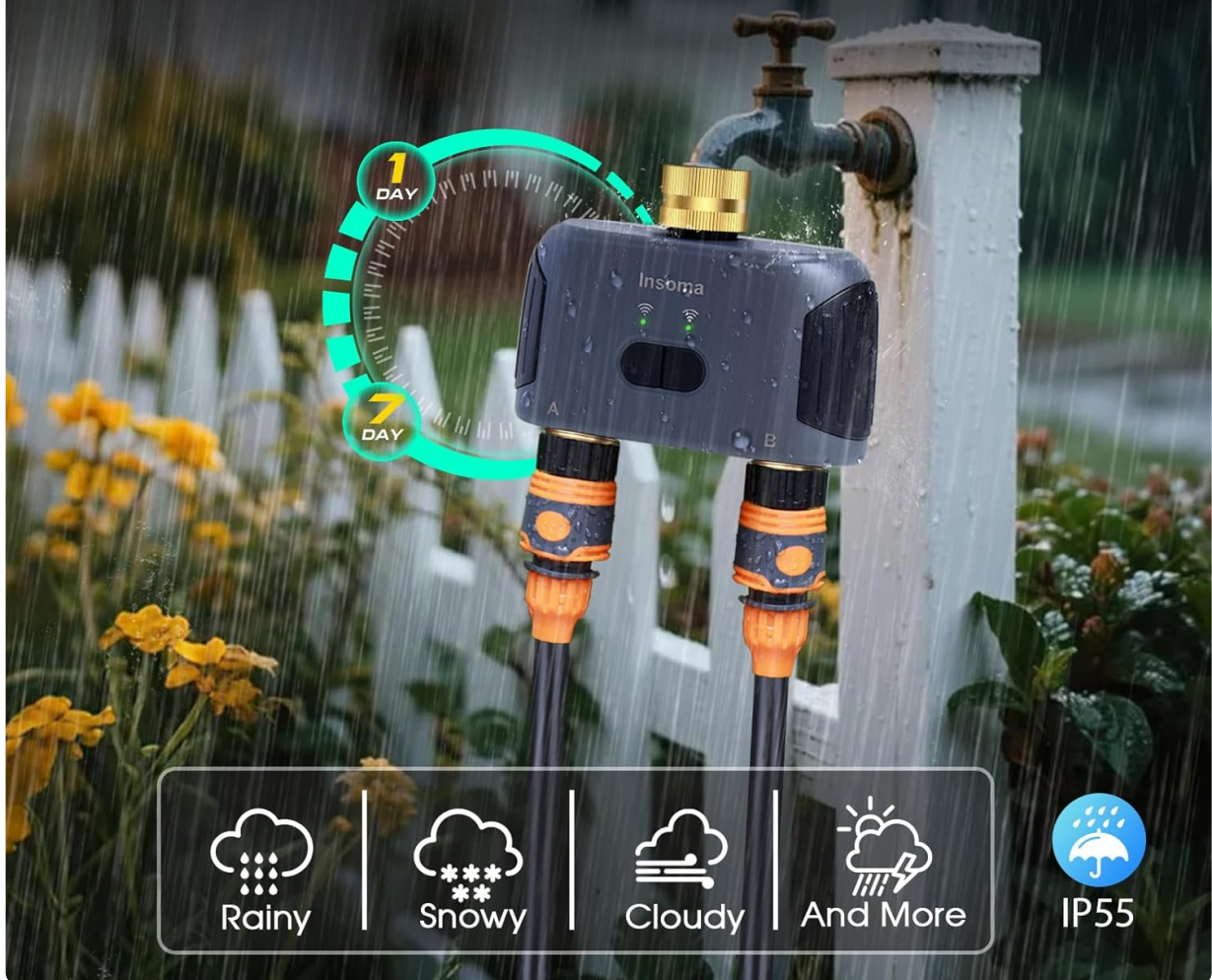


Image: The Insoma water timer installed on a faucet during rain, illustrating the rain delay function which can pause watering for 1 to 7 days to prevent overwatering.

## 4.6 Extendable Irrigation System

One WiFi Hub can support up to 32 Insoma WiFi water timers, allowing you to expand your smart irrigation system for larger gardens or multiple watering areas. Family members can also be invited to manage the system via the app.

# Smart Watering System

One gateway can control more WiFi water timers



Image: An illustration of a smart watering system where a single WiFi gateway controls multiple Insoma water timers across a large property, managed via a mobile app.

## 5. MAINTENANCE

- **Battery Replacement:** Replace batteries when the low battery indicator appears in the app or on the device. Use high-quality alkaline batteries for optimal performance.
- **Cleaning:** Periodically check the stainless steel filter at the inlet for debris and clean it if necessary to ensure proper water flow. Wipe the exterior of the timer with a damp cloth.
- **Winterization:** Before the first frost, disconnect the water timer from the faucet and hoses. Remove batteries. Store the timer indoors in a dry, frost-free location to prevent damage from freezing water.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
<b>Timer not connecting to WiFi / App</b>	<ul style="list-style-type: none"> <li>◦ Incorrect WiFi frequency (5GHz instead of 2.4GHz).</li> <li>◦ Weak WiFi signal to the Gateway.</li> <li>◦ Gateway not properly paired with the app.</li> <li>◦ Timer not in pairing mode or too far from Gateway.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure your router is broadcasting a 2.4GHz network and your phone is connected to it during setup.</li> <li>◦ Move the WiFi Hub closer to your router or consider a WiFi extender.</li> <li>◦ Re-pair the Gateway with the Smart Life app.</li> <li>◦ Ensure the timer is in pairing mode and within range of the Gateway.</li> </ul>
<b>Water not flowing / Timer not activating</b>	<ul style="list-style-type: none"> <li>◦ Faucet is turned off.</li> <li>◦ Low battery in the water timer.</li> <li>◦ Hoses are kinked or blocked.</li> <li>◦ Rain delay is active.</li> <li>◦ Filter is clogged.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure the outdoor faucet is fully open.</li> <li>◦ Replace the batteries.</li> <li>◦ Check hoses for obstructions or kinks.</li> <li>◦ Verify rain delay status in the app and disable if necessary.</li> <li>◦ Clean the stainless steel filter at the inlet.</li> </ul>
<b>App shows incorrect status (e.g., valve open when closed)</b>	<ul style="list-style-type: none"> <li>◦ Temporary communication glitch between timer and app/gateway.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Refresh the app.</li> <li>◦ Restart the app or the water timer.</li> <li>◦ Check the WiFi signal strength to the Gateway and timer.</li> </ul>
<b>Water leaks from connections</b>	<ul style="list-style-type: none"> <li>◦ Connections are not tight enough.</li> <li>◦ Missing or damaged rubber washers.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure all connections (faucet to timer, timer to hoses) are hand-tightened securely.</li> <li>◦ Check that rubber washers are properly seated in all connections. Replace if damaged.</li> </ul>

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	SGW02W-TTA-03NH-L
Brand	Insoma
Material	Brass Inlet and Outlet
Product Dimensions (D x W x H)	5.7"D x 5.9"W x 2.4"H
Item Weight	0.62 Kilograms
Number of Zones	2 Independent Zones
Watering Schedules per Zone	Up to 10
Watering Schedule Types	Timed Watering, Cyclical Watering
Manual Watering Duration	1 minute - 23 hours 59 minutes (via App)
Rain Delay Duration	1-7 Days
WiFi Compatibility	2.4GHz only
Smart Home Compatibility	Amazon Alexa, Smart Life App
Maximum Timers per Hub	Up to 32

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact Insoma customer service directly. Contact details can typically be found on the manufacturer's official website or through the retailer where the product was purchased.

Please retain your proof of purchase for warranty claims.