

Insoma SGW16-T

Insoma 4-Zone Water Timer (Model SGW16-T) Instruction Manual

INTRODUCTION

Thank you for choosing the Insoma 4-Zone Water Timer. This automatic garden hose timer is designed to simplify your watering tasks, offering independent control over four zones, flexible programming, and robust construction. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

KEY FEATURES

- **4-Zone Independent Irrigation:** Customize watering plans for different areas with four independently programmable outlets.
- **Fully Automatic Flexible Timing:** Adjustable start time, frequency (1 hour to 15 days), and duration (1-360 minutes) with 12/24-hour format options.
- **Manual Priority + Rain Delay + Child Lock:** Manual watering without affecting schedules, pause watering for 1-15 days, and prevent accidental operation.
- **Upgraded Leak-Proof Design:** 360° rotatable brass inlet, built-in metal filter, four sealing gaskets, and threaded sealing tape for secure connections.
- **IPX5 Waterproof & Durable:** UV-resistant coating, rust-proof materials, and sealed battery compartment for outdoor use.
- **Large Screen Display:** Clear display of time, frequency, and battery level.
- **Long Battery Life:** Powered by 4 AA batteries, lasting over 6 months.

SETUP INSTRUCTIONS

1. Package Contents

Verify that all components are present:

- Insoma 4-Zone Water Timer
- Sealing Gaskets (4 included)
- Threaded Sealing Tape
- User Manual

2. Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Slide the battery cover off.
3. Insert 4 new AA alkaline batteries, ensuring correct polarity (+/-).
4. Securely close the battery cover to maintain the IPX5 waterproof rating.

3. Timer Installation

1. Ensure your outdoor faucet is turned off.
2. Wrap the threaded sealing tape around the faucet threads for a leak-proof connection.
3. Screw the 360° rotatable brass inlet of the water timer onto your outdoor faucet. Hand-tighten until secure. Do not overtighten.
4. Connect your garden hoses or irrigation lines to the four independent outlets at the bottom of the timer. Ensure a sealing gasket is present in each connection.
5. Turn on your outdoor faucet fully.



Image: Enhanced Brass Inlet and Outlet. This diagram illustrates the built-in metal filter, 360-degree rotatable connection, and reinforced brass inlet for secure installation.



Image: Insoma 4-Zone Water Timer installed on a faucet, ready for use.

OPERATING INSTRUCTIONS

The timer features a large LCD display and intuitive controls. Use the central dial to navigate between settings and the '+', '-', 'OK/Manual', 'Zone', and 'Delay' buttons for adjustments.

1. Setting the Current Time

1. Turn the dial to 'SET CLOCK'.
2. Use the '+' and '-' buttons to adjust the hour, then press 'OK' to confirm.
3. Adjust the minutes and press 'OK'.
4. Select 12-hour or 24-hour format and press 'OK'.

2. Programming Watering Schedules (Automatic Mode)

Each of the four zones can be programmed independently. The timer will water zones sequentially based on their set start times.

1. Turn the dial to 'AUTO'.
2. Press the 'Zone' button to select the desired zone (1, 2, 3, or 4) you wish to program.
3. Turn the dial to 'START TIME'. Use '+' and '-' to set the desired watering start time for the selected zone, then press 'OK'.
4. Turn the dial to 'HOW LONG'. Use '+' and '-' to set the watering duration (1-360 minutes) for the selected zone, then press 'OK'.

5. Turn the dial to 'HOW OFTEN'. Use '+' and '-' to set the watering frequency (e.g., every 1 hour, every 2 days, up to 15 days) for the selected zone, then press 'OK'.
6. Repeat steps 2-5 for each zone you wish to program.
7. Turn the dial back to 'AUTO' for the programmed schedule to take effect.



Image: Programmable Watering Schedules. This image highlights the steps to set the clock, start time, watering duration, and frequency.

3. Manual Watering

Manual mode allows immediate watering without interrupting your programmed schedule.

1. Press the 'OK/Manual' button.
2. Use the 'Zone' button to select the zone(s) you wish to water manually. Multiple zones can be selected, and they will water sequentially.
3. Use the '+' and '-' buttons to set the desired manual watering duration (1-360 minutes).
4. Press 'OK' to start manual watering.
5. To stop manual watering, press 'OK/Manual' again.

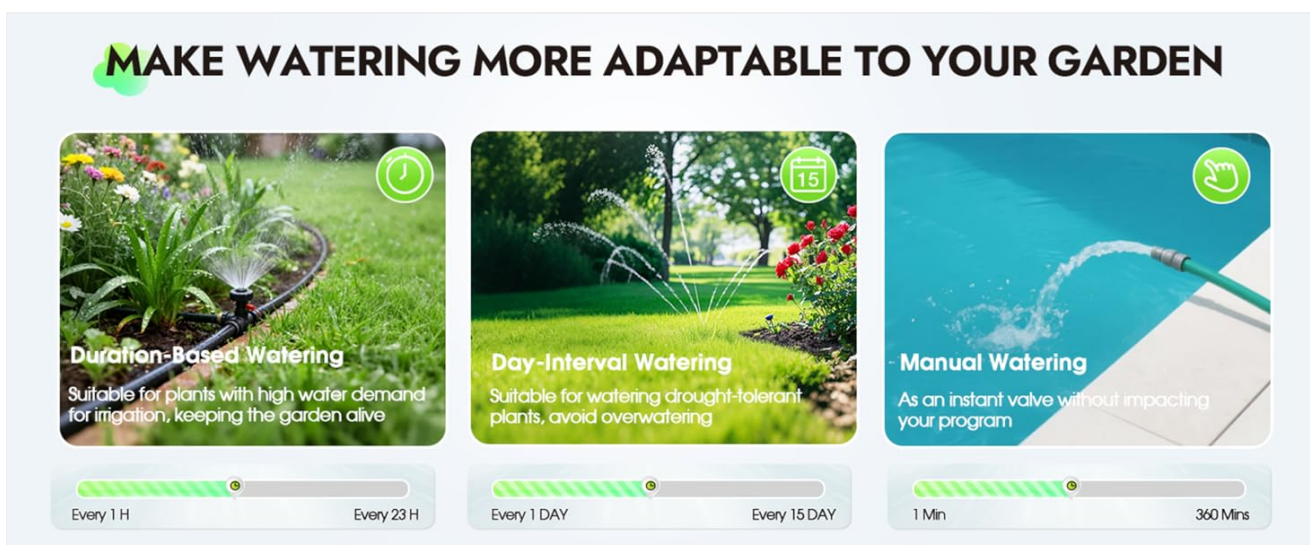


Image: Manual Watering. This image demonstrates how to activate manual watering for selected zones and set the duration.

4. Rain Delay Function

The rain delay function pauses your watering schedule for a set period to conserve water during rainy conditions.

1. Press and hold the 'Delay' button for 3 seconds.
2. Use the '+' and '-' buttons to select the desired delay duration (1-15 days).
3. Press 'OK' to activate the rain delay. The timer will automatically resume its schedule after the delay period.
4. To cancel rain delay, press and hold the 'Delay' button again for 3 seconds.



PERSONALIZED MANUAL WATERING

Allows you to water at any time without interrupting your preset watering schedule

-ZONE 1- -ZONE 2- -ZONE 3- -ZONE 4-

Multiple zones selected for manual watering will sequentially open valves

1 Min 360 Mins

Press the "OK/Manual" button to activate on or off



Image: Save Water on Rainy Days. This image illustrates the rain delay feature, allowing you to pause watering for up to 15 days.

5. Child Lock Function

The child lock prevents accidental changes to your programmed settings.

1. To activate the child lock, press and hold the 'OK/Manual' button and the 'Delay' button simultaneously for 3 seconds. A lock icon will appear on the display.
2. To deactivate, repeat the same action. The lock icon will disappear.



IPX5 Waterproof

RAINY DELAY

Manually activate the delay mode during rainy days to pause watering for up to 1 to 15 days, to conserve water.

Press and hold the "+/DELAY" button 5s to activate on or off

MON	TUE	WED	THU	FIR	SAT	SUN
☀️	☀️	☀️	☁️	☁️	☀️	☀️
💧	💧	💧	🚫	🚫	💧	💧

Image: Low Battery Reminder and Child Lock Function. This image shows the visual indicators for low battery and activated child lock.

MAINTENANCE

1. Battery Replacement

When the low battery indicator appears on the display, replace all 4 AA batteries promptly to avoid interruption of watering schedules. Always use new alkaline batteries.

2. Filter Cleaning

The built-in metal filter prevents debris from entering the timer. Periodically inspect and clean the filter to ensure optimal water flow. To clean, unscrew the timer from the faucet, remove the filter, rinse it under running water, and reinsert it before reattaching the timer.

3. Winter Storage

Before the first frost, remove the water timer from the faucet, remove the batteries, and store the unit indoors in a dry, protected location to prevent freezing damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not watering	Low batteries; Faucet off; Incorrect program; Rain delay active; Child lock active.	Replace batteries; Turn on faucet; Check program settings; Deactivate rain delay; Deactivate child lock.
Water leakage	Loose connection; Missing/damaged gasket; Insufficient sealing tape.	Ensure connections are hand-tight; Check/replace gaskets; Reapply sealing tape.
Display not working	Dead batteries; Incorrect battery installation.	Replace batteries; Check battery polarity.
Water flow is weak	Clogged filter; Low water pressure.	Clean the metal filter; Check household water pressure.

SPECIFICATIONS

- **Model Number:** SGW16-T
- **Brand:** Insoma
- **Material:** Brass (Inlet), Durable Plastic
- **Color:** Black
- **Product Dimensions:** 5"D x 7"W x 3"H
- **Water Pressure Range:** 7.25 psi to 116.03 psi
- **Watering Duration:** 1 to 360 minutes
- **Watering Frequency:** Every 1 hour to 15 days
- **Power Source:** 4 x AA Alkaline Batteries (not included)
- **Waterproof Rating:** IPX5

WARRANTY AND SUPPORT

Insoma is committed to providing high-quality products. For any questions, concerns, or technical support regarding your Insoma 4-Zone Water Timer, please refer to the contact information provided with your purchase or visit the official Insoma website. Please retain your proof of purchase for warranty claims.