

Insoma SGW18-T-US-Z1-04

Insoma 4-Zone Water Timer with Brass Inlet

MODEL: SGW18-T-US-Z1-04 - INSTRUCTION MANUAL

Introduction

Thank you for choosing the Insoma 4-Zone Water Timer. This device is designed to automate your garden watering, providing efficient and flexible irrigation for various plants and areas. With its independent zone control, multiple watering modes, and durable waterproof design, this timer simplifies your watering tasks. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

Key Features

- **4 Independent Watering Zones:** Customize distinct watering schedules for up to four different areas, such as gardens, lawns, or flower beds. Zones operate sequentially.
- **Automatic Watering Mode:** Program specific start times, watering durations (1-360 minutes), and frequencies (every 1H/3H/6H/12H or 1-30 days) to suit plant needs.
- **Manual Watering Mode:** Allows immediate watering from 1 to 360 minutes without disrupting the programmed schedule.
- **Rain Delay Function:** Pause your watering schedule for 1 to 15 days to conserve water during rainy periods. The schedule automatically resumes after the delay.
- **Child Lock Function:** Prevents accidental changes to programmed settings, ensuring consistent watering.
- **IPX5 Waterproof Design:** Constructed with IPX5 waterproof materials and an upgraded battery cover seal for reliable outdoor use.
- **Large LCD Display:** Provides clear visibility of all watering information, including current time, watering status, and program details.

Package Contents

- Insoma 4-Zone Water Timer (Model SGW18-T-US-Z1-04)
- User Manual

- Thread Seal Tape (may be included for leak prevention)

Note: 4 AA 1.5V Alkaline batteries are required and not included.

Setup

1. Battery Installation

The water timer requires 4 AA 1.5V Alkaline batteries (not included). Ensure correct polarity when inserting batteries. The battery compartment is designed with a seal ring for enhanced moisture protection.



Image: The back of the water timer with the battery compartment cover removed, showing slots for AA batteries. This illustrates where to insert the batteries.

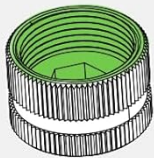
2. Connecting the Timer to the Faucet

Attach the brass inlet of the water timer securely to your outdoor faucet. Hand-tighten to prevent leaks. If necessary, use the provided thread seal tape on the faucet threads before attaching the timer. Ensure the connection is firm but do not overtighten.

Enhanced Water Inlet



Eingebauter
Metall-Filter



360°
rotate



100%
Reinforced
Brass Inlet

Image: A detailed view of the reinforced brass inlet of the water timer, showing its connection to a standard outdoor faucet. A built-in metal filter is also visible, which helps prevent debris from entering the system.

3. Connecting Hoses to Outlets

Connect your garden hoses or irrigation lines to the four independent outlets at the bottom of the timer. Each outlet can be assigned a separate watering schedule.



Image: The 4-zone water timer attached to a faucet, with four hoses extending to different irrigation areas labeled Zone 1, Zone 2, Zone 3, and Zone 4 in a garden setting.

Operating Instructions

The Insoma water timer features a large LCD screen and a rotary dial with buttons for easy programming. Rotate the dial to select a setting, then use the '+' and '-' buttons to adjust values, and 'OK' to confirm.

1. Setting the Clock

1. Rotate the dial to 'SET CLOCK'.
2. Use '+' and '-' to set the current time (hour and minute).

3. Press 'OK' to confirm. You can also select 12-hour or 24-hour format.

2. Programming Automatic Watering (AUTO Mode)

This timer allows you to set individual schedules for each of the four zones. Zones will water one by one according to their programmed start times.



Image: The water timer's display showing options for setting the clock, start time, watering frequency, and duration, illustrating the programmable watering schedule feature.

1. Rotate the dial to 'ZONE' and press 'OK' to select the desired zone (Zone 1, Zone 2, Zone 3, or Zone 4).
2. Rotate the dial to 'START TIME'. Use '+' and '-' to set the desired start time for watering. Press 'OK'.
3. Rotate the dial to 'HOW LONG'. Use '+' and '-' to set the watering duration (1 to 360 minutes). Press 'OK'.
4. Rotate the dial to 'HOW OFTEN'. Use '+' and '-' to set the watering frequency (e.g., every 1H, 3H, 6H, 12H, or every 1 to 30 days). Press 'OK'.
5. Repeat steps for each zone you wish to program.
6. Finally, rotate the dial to 'AUTO' to activate the programmed schedules.



Hour Cycle Mode

Every **1H/3H/6H/12H**

Suitable for plants with high water demand for irrigation, keeping the garden alive

Start Time 6:30 am
How Long 30 Mins
How Often Every 2H



Day Cycle Mode

Every **1 DAY - 30 DAY**

Suitable for watering drought-tolerant plants, avoid overwatering

Start Time 8:00 am
How Long 70 Mins
How Often Every 3 Days

Image: A diagram explaining the Hour Cycle Mode (e.g., every 2 hours for 30 minutes starting at 6:30 am) and Day Cycle Mode (e.g., every 3 days for 70 minutes starting at 8:00 am), providing examples of flexible scheduling.

3. Manual Watering Mode

To water manually without affecting your automatic schedule:

Manual Watering Mode



Image: A person using a hose to water plants in a garden, with the water timer visible and its display showing a manual watering duration of 30 minutes. This highlights the flexibility of the manual mode.

1. Rotate the dial to 'MANUAL'.
2. Use '+' and '-' to set the desired manual watering duration (1 to 360 minutes).
3. Press 'OK' to start manual watering.
4. To stop manual watering, rotate the dial to 'OFF' or press 'OK' again.

4. Rain Delay Function

To temporarily pause your watering schedule due to rain:

Rain Delay Mode

Set rain delay mode on a rainy day to avoid overwatering and save water.



Image: The water timer mounted on an outdoor faucet during a rainy day, with the display indicating 'Rain Delay Mode' and options to set the delay for 1, 2, or up to 15 days. This demonstrates the water-saving feature.

1. Rotate the dial to 'DELAY'.
2. Use '+' and '-' to select the desired delay duration (1 to 15 days).
3. Press 'OK' to activate the rain delay. The timer will automatically resume its programmed schedule after the delay period.

5. Child Lock Function

To prevent unintended changes to your settings:

Child Lock Function

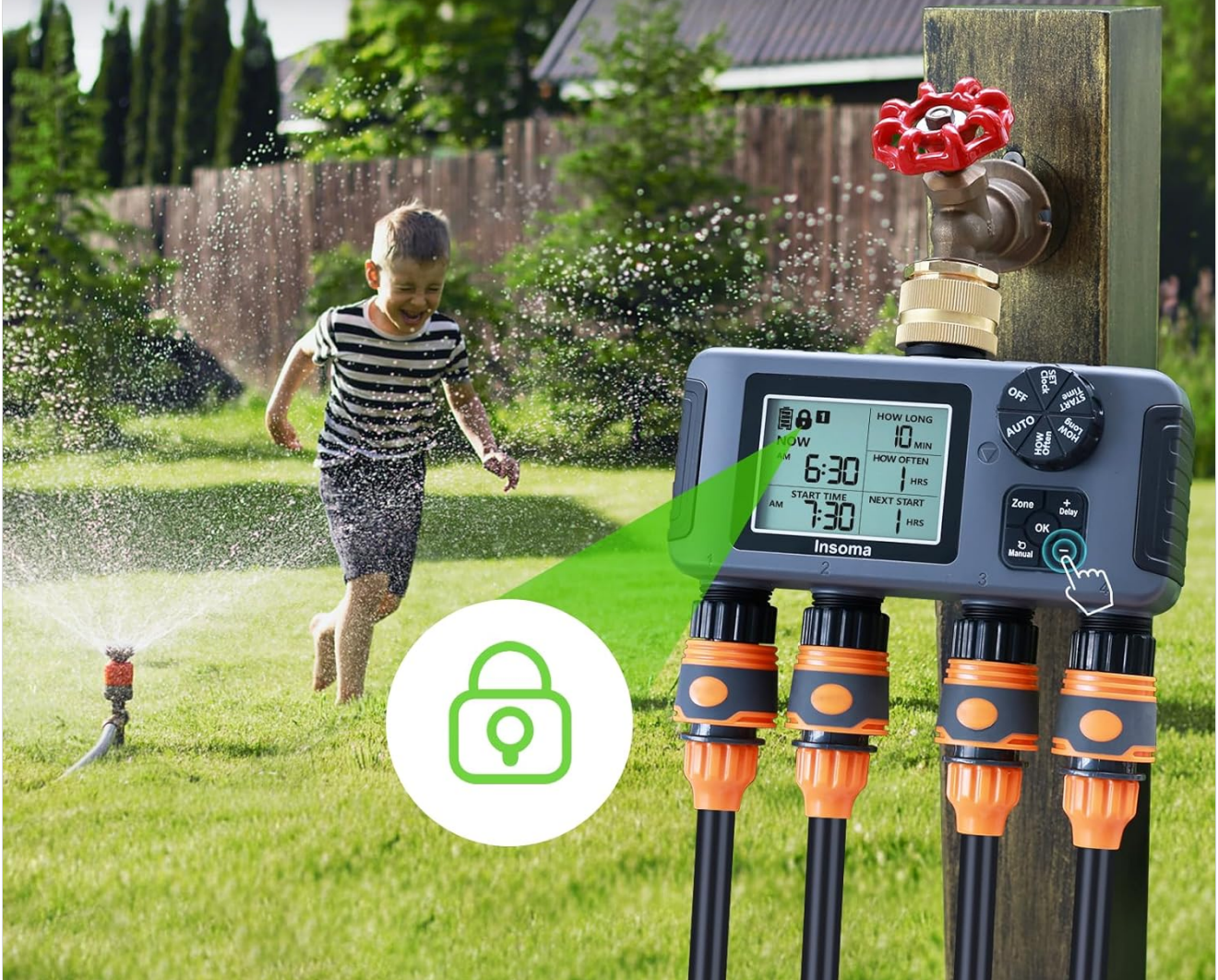


Image: A child running through sprinkler water in a lawn, with the water timer in the foreground displaying a lock icon, signifying that the child lock feature is engaged to prevent accidental program changes.

- To activate: Hold the 'L' button for approximately 5 seconds until a lock icon appears on the screen.
- To deactivate: Hold the 'L' button for approximately 5 seconds again until the lock icon disappears.

Maintenance

1. Battery Replacement

When the battery indicator on the LCD screen shows low power, replace all 4 AA batteries promptly to ensure continuous operation. Battery life is approximately 180 days.

2. Cleaning the Filter

Periodically check and clean the metal filter located in the brass inlet to prevent blockages and ensure optimal water flow. Remove the timer from the faucet, carefully extract the filter, rinse it under running water, and reinsert it.

3. Winter Storage

Before the first frost, disconnect the water 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 with new AA alkaline batteries, ensuring correct polarity. |
| No water flow | Faucet off; low water pressure; clogged filter; incorrect program. | Ensure faucet is fully open. Check water pressure. Clean the inlet filter. Verify watering program settings. |
| Water leaking from connections | Loose connections; missing or damaged washer; insufficient thread tape. | Tighten all connections. Check for and replace any damaged washers. Apply thread seal tape if needed. |
| Program not running as expected | Incorrect settings; rain delay active; child lock active. | Review and adjust program settings. Check if rain delay is active. Deactivate child lock if engaged. |
| Timer frozen or unresponsive | Temporary electronic glitch. | Remove batteries for 30 seconds, then reinsert them. Reset the clock and program. |

Specifications

| Feature | Detail |
|--------------------------------|-------------------------------------|
| Model Number | SGW18-T-US-Z1-04 |
| Brand | Insoma |
| Color | Grey-brass Inlet |
| Material | Plastic/Metal (Brass) |
| Product Dimensions (D x W x H) | 5.43" x 7.87" x 3.22" |
| Item Weight | 1.28 Pounds |
| Battery Type | 4 x AA 1.5V Alkaline (not included) |
| Battery Life | Approx. 180 days |
| Watering Duration | 1 - 360 minutes |
| Watering Frequency | Every 1H/3H/6H/12H or 1 - 30 days |
| Waterproof Rating | IPX5 |
| Smart Home Compatibility | Not Smart Home Compatible |

Warranty & Support

Insoma products are designed for reliability and performance. For warranty information, technical support, or any questions regarding your water timer, please refer to the contact information provided on the product packaging or visit the official Insoma website. Please retain your purchase receipt for warranty claims.