

Insoma SGW01

Insoma Water Timer SGW01 Instruction Manual

Model: SGW01 (1 Zone Plastic Inlet and Outlet)

1. PRODUCT OVERVIEW

The Insoma Water Timer SGW01 is designed to automate your garden and lawn watering, providing convenience and efficient water management. This 1-zone outdoor hose timer features Auto, Manual, and Rain Delay modes, along with a Child Lock function for enhanced control and safety.

Key Features:

- **Easy Programming:** Customize start time, watering frequency (every 1-23 hours or 1-15 days), and duration (1-360 minutes).
- **Manual Watering:** Initiate watering on demand without altering preset schedules.
- **Rain Delay:** Pause scheduled watering for 1 to 15 days to conserve water during rainfall.
- **Child Lock:** Prevents accidental changes to programming.
- **Large LCD Display:** Clear display of current time, start time, frequency, duration, next watering time, and battery level.
- **Durable Design:** IPX5 waterproof rating, anti-UV coating, anti-rust materials, and a sealed battery cover for outdoor use.
- **Tool-Free Installation:** Features a 360° swivel inlet and metal filter.

Easy to Install



Figure 1: Insoma Water Timer SGW01 with highlighted features.

2. INSTALLATION

Follow these steps to properly install your Insoma Water Timer.

1. Battery Installation:

- Locate the battery compartment on the back of the timer.
- Open the compartment and insert two (2) AA 1.5V Alkaline batteries (not included), ensuring correct polarity (+/-).
- Close the battery compartment securely to maintain the waterproof seal. The timer is designed to run for over 6 months on a fresh set of batteries.

2. Attach to Faucet:

- Ensure your outdoor faucet is turned off.
- Thread the timer's inlet connector onto your standard outdoor garden faucet. The 360° swivel inlet allows for easy positioning. Hand-tighten only; do not overtighten.
- Verify that the metal filter is properly seated in the inlet to prevent debris from entering the timer.

3. Connect Hose:

- Connect your garden hose to the outlet of the water timer. Hand-tighten to ensure a secure, leak-free connection.

4. Turn on Water:

- Slowly turn on your outdoor faucet completely. The timer requires water pressure to operate correctly (0.5 Bar to 8 Bar / 7.25 psi to 116 psi).
- Check for any leaks at the connections.



Figure 2: The Insoma Water Timer automates watering, eliminating the need for manual intervention.

3. OPERATING MODES AND PROGRAMMING

The Insoma Water Timer offers flexible programming options to suit various watering needs.

3.1 Setting the Current Time

Before programming, ensure the current time is set accurately.

1. Press the 'SET OK' button to enter the setting mode.
2. Use the '+' and '-' buttons to adjust the hour and minute.

3. Press 'SET OK' to confirm each setting and move to the next.
4. Press 'ESC MANUAL' to exit the setting mode.

3.2 Automatic Watering (Cycle Mode)

Program your timer for automatic, scheduled watering.



Figure 3: Hour and Day Cycle Modes for automatic watering frequency.

1. Set Start Time:

- Press 'SET OK' until 'START TIME' flashes on the display.
- Use '+' and '-' to set your desired watering start time.
- Press 'SET OK' to confirm.

2. Set Watering Duration:

- When 'WATERING DURATION' flashes, use '+' and '-' to set the length of each watering cycle (1 to 360 minutes).
- Press 'SET OK' to confirm.

3. Set Watering Frequency:

- When 'WATERING FREQUENCY' flashes, use '+' and '-' to choose how often watering occurs. You can select from every 1 to 23 hours, or every 1 to 15 days.
 - Press 'SET OK' to confirm.
4. Press 'ESC MANUAL' to save settings and exit programming. The timer will now operate according to your schedule.

3.3 Manual Watering

Use manual mode for immediate, unscheduled watering without affecting your programmed schedule.



Figure 4: Manual watering can be activated anytime for flexible use.

1. Press the 'ESC MANUAL' button once. The display will show 'MANUAL'.
2. Use the '+' and '-' buttons to set the desired manual watering duration (1 to 360 minutes).
3. Press 'SET OK' to start manual watering. The timer will run for the set duration and then return to its automatic schedule.
4. To stop manual watering prematurely, press 'ESC MANUAL' again.

3.4 Rain Delay Mode

Pause your watering schedule during rainy periods to prevent overwatering and conserve water.

Rain Delay Mode

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



Figure 5: Activate Rain Delay to pause watering for up to 15 days.

1. In normal operating mode, press and hold the '+' button for 3 seconds. The display will show 'DELAY' and a number of days.
2. Use the '+' and '-' buttons to select the desired delay duration (1 to 15 days).
3. Press 'SET OK' to confirm the rain delay. The timer will pause for the selected period and automatically resume its programmed schedule afterward.
4. To cancel rain delay prematurely, press and hold the '+' button again for 3 seconds.

3.5 Child Lock Function

Activate the Child Lock to prevent accidental changes to your watering program.

Child Lock Function

Prevent children or pets from accidentally changing the watering program



Figure 6: Child Lock prevents unintended program modifications.

1. To activate Child Lock, press and hold the '-' button for 5 seconds until a lock icon appears on the screen.
2. To deactivate Child Lock, press and hold the '-' button again for 5 seconds until the lock icon disappears.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your water timer.

- **Cleaning:** Periodically clean the metal filter located in the inlet to prevent blockages. Remove the timer from the faucet, take out the filter, rinse it under running water, and reinsert it.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the LCD screen. Always use new AA 1.5V Alkaline batteries.
- **Winter Storage:** Before the first frost, disconnect the water timer from the faucet and hose. Drain any remaining water from the unit. Store the timer indoors in a dry, frost-free location. Remove batteries if storing for extended periods.

5. TROUBLESHOOTING

Refer to this section for solutions to common issues.

Problem	Possible Cause	Solution
Timer does not turn on/LCD is blank.	No batteries or dead batteries.	Install new AA 1.5V Alkaline batteries, ensuring correct polarity.
Water does not flow.	Faucet is off; low water pressure; clogged filter; incorrect program.	Ensure faucet is fully open. Check water pressure (must be 0.5-8 Bar). Clean the metal filter. Verify program settings.
Timer leaks at connections.	Loose connection; missing/damaged washer.	Hand-tighten connections. Ensure rubber washers are properly seated and undamaged. Replace if necessary.
Timer not watering at scheduled time.	Incorrect program; Rain Delay active; Child Lock active.	Review and adjust program settings. Check if Rain Delay is active and cancel if needed. Deactivate Child Lock.
Display is difficult to read.	Low battery.	Replace batteries.

6. SPECIFICATIONS

- **Model:** SGW01
- **Zones:** 1
- **Material:** Plastic Inlet and Outlet
- **Water Pressure Range:** 0.5 Bar - 8 Bar (7.25 psi - 116 psi)
- **Watering Duration:** 1 minute - 360 minutes
- **Watering Frequency:** Every 1-23 hours or Every 1-15 days
- **Rain Delay:** 1-15 days
- **Power Source:** 2 x AA 1.5V Alkaline Batteries (not included)
- **Battery Life:** Approximately 6+ months
- **Waterproof Rating:** IPX5
- **Product Dimensions:** 4.6"D x 4.6"W x 2"H
- **Item Weight:** 0.6 Pounds

7. WARRANTY AND SUPPORT

Insoma products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Insoma website. Keep your purchase receipt as proof of purchase for warranty claims.