

Insoma SGW05OR-T-N1

Insoma Digital Water Timer 1 Zone Brass Inlet & Outlet User Manual

Model: SGW05OR-T-N1 | Brand: Insoma

1. INTRODUCTION

Thank you for choosing the Insoma Digital Water Timer. This device is designed to automate your garden watering, ensuring your plants receive optimal hydration while conserving water. Featuring a durable brass inlet and outlet, this timer offers reliable performance for various outdoor watering needs, including garden hoses, drip irrigation, and lawn sprinkler systems. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

2. PRODUCT FEATURES

- Upgraded Brass Swivel Inlet & Outlet:** Features pure brass construction for enhanced durability, leak-proof connections, and resistance to high working pressure (max 116 psi). Includes a built-in metal filter gasket to prevent sediment entry.
- Easy to Program:** Intuitive dial and button controls for setting clock, watering frequency (1 minute to 23 hours 59 minutes, or 1 to 7 days), watering time (1 minute to 23 hours 59 minutes), and start time.
- Automatic Watering:** Schedules watering based on your preset date, time, duration, and frequency, ideal for consistent plant care.
- Manual Mode:** Allows for temporary watering from 1 minute to 24 hours without altering your programmed schedule.
- Rain Delay:** Pause your watering schedule for 1 to 7 days to prevent overwatering and conserve water during rainy periods.
- LCD Display & Child Lock:** Large LCD screen for easy reading. Low battery indicator with automatic valve closure. Child lock mode prevents accidental operation.
- Power:** Operates on 2*AA 1.5V alkaline batteries (not included), providing over 6 months of operation.
- Multi-Scene Use:** Waterproof and leak-proof design suitable for gardens, lawns, courtyards, vegetable fields, greenhouses, and swimming pools.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- Digital Water Timer (1 Zone) x 1
- User Manual x 1
- Rotatable Connector x 1
- NH3/4" Quick Connector x 1
- Thread Sealing Tape x 1

4. SPECIFICATIONS

Specification	Detail
Brand	Insoma
Model Number	SGW050R-T-N1
Color	Black
Material	Brass
Product Dimensions	2"D x 4"W x 4"H
Item Weight	10.1 ounces
Number of Settings	7 (for frequency/duration options)
Max Water Pressure	116 PSI
Power Source	2 x AA 1.5V Alkaline Batteries (not included)

5. SAFETY INFORMATION

- Do not immerse the timer in water.
- Use only new alkaline batteries of the specified type (2 x AA 1.5V). Do not mix old and new batteries or different battery types.
- Remove batteries if the timer will not be used for an extended period.
- Ensure all connections are tight to prevent leaks. Use the provided thread sealing tape for optimal sealing.
- Do not expose the timer to freezing temperatures. Disconnect and store indoors during winter months.
- Keep out of reach of children and pets to prevent accidental operation or damage.
- The built-in filter gasket should be cleaned periodically to prevent clogging.

6. INSTALLATION

1. 6.1 Install Batteries

The timer requires 2 new AA (1.5V) alkaline batteries (not included). Open the battery compartment,

insert the batteries according to the polarity markings, and securely close the compartment.



LOW POWER AUTO-SHUTOFF

Image: The back of the water timer with the battery cover removed, showing two AA batteries being inserted into their slots. This illustrates the battery installation process.

2. 6.2 Prepare Faucet Threads

Wrap the provided thread sealing tape clockwise around the threads of your outdoor faucet. This helps ensure a watertight seal and prevents leaks.



Image: A hand applying thread sealing tape to the brass inlet of the water timer, which is connected to a faucet. This highlights the importance of sealing the connection.

3. 6.3 Connect Timer to Faucet

Screw the brass swivel inlet of the water timer onto your faucet. Hand-tighten until secure. Do not overtighten.

4. 6.4 Connect Garden Hose

Attach your garden hose or drip irrigation system to the outlet of the water timer. Ensure a snug fit to prevent leaks.

7. OPERATION

The Insoma Digital Water Timer features a rotary dial and simple buttons for programming. Follow these steps to set up your watering schedule.

7.1 Setting the Current Time (Set Clock)

1. Turn the dial to "SET CLOCK".
2. Use the "+" or "-" buttons to set the current exact time.
3. Press the "OK" button to switch between hours and minutes.
4. (Tip: Press and hold "+" or "-" to scroll faster.)

7.2 Setting the Start Time

1. Turn the dial to "START TIME".
2. Use the "+" or "-" buttons to set your desired watering start time (0:00-24:00).
3. Press the "OK" button to switch between hours and minutes.
4. Turn the dial to save changes.

7.3 Setting Watering Duration (How Long)

1. Turn the dial to "HOW LONG".
2. Use the "+" or "-" buttons to set the irrigation duration (1 minute to 23 hours 59 minutes).
3. Press the "OK" button to switch between hours and minutes.
4. (Tip: Setting duration to "00:00" will prevent watering.)

7.4 Setting Watering Frequency (How Often)

1. Turn the dial to "HOW OFTEN".
2. Use the "+" or "-" buttons to set the irrigation frequency. You can choose between hourly mode (Every 1-23 hours) or daily mode (Every 1-7 days).



Image: The water timer display showing options for setting watering frequency, including hourly and daily intervals. This illustrates the programming flexibility.

7.5 Starting Automatic Watering

1. After setting all parameters, turn the dial to "AUTO". The timer will now run according to your programmed schedule.



TIMED WATERING

Makes Your Plants Grow More Lush and Save Water

Image: A split image demonstrating the effect of timed watering. One side shows a lush, watered garden with a sprinkler, while the other shows a dry, unwatered area, emphasizing the timer's benefit.

7.6 Manual Watering Mode

To water manually without interrupting your schedule:

1. Keep the dial at "AUTO".
2. Press the "OK/MANUAL" button.
3. Use the "+" or "-" buttons to set the desired manual watering duration (0 minutes to 59 minutes).
4. Press the "OK" button again to start manual watering.
5. To stop manual watering, press the "OK" button again. The timer will exit manual mode and resume its original program.

Manual Watering Mode

One-click turn on manual watering to provide a temporary water supply without having to change the automatic watering schedule

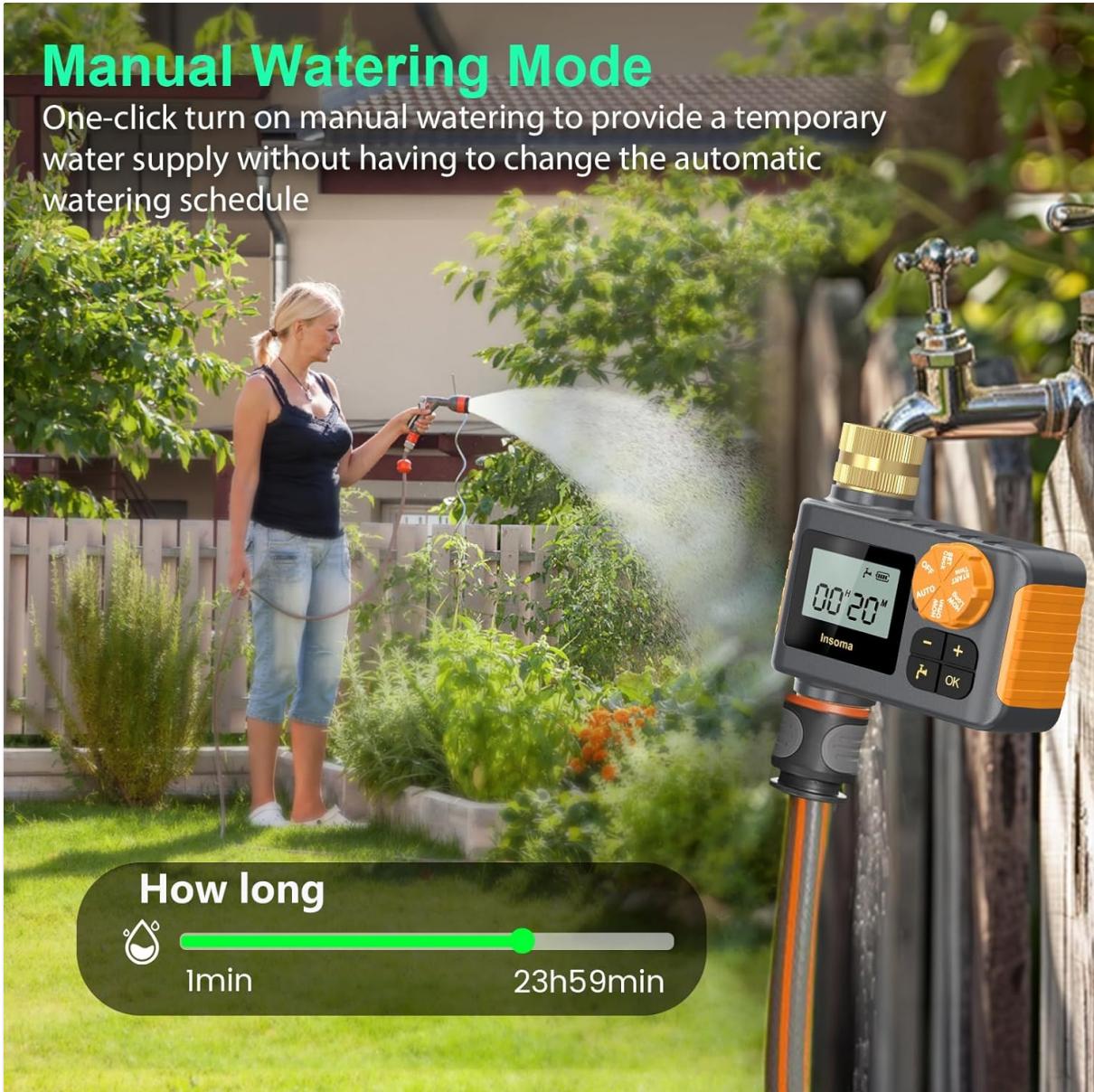


Image: A person manually watering plants in a garden, with the water timer attached to the faucet. The timer's display shows a manual watering duration, indicating the manual mode is active.

7.7 Rain Delay Function

To pause watering during rainy periods:

1. Keep the dial at "AUTO".
2. Press and hold the "+" button for 3-5 seconds. The display will show a delay duration.
3. Use the "+" or "-" buttons to adjust the delay duration (1 to 7 days).
4. Press "OK" to confirm the rain delay. The timer will pause for the set duration and then automatically resume its schedule.
5. To cancel the rain delay, press and hold the "+" button for 3-5 seconds again.

Rain Delay Mode

Rain delay feature delayed watering for up to **1 to 7 Days** on rainy days to save water



Image: The water timer attached to a faucet in a rainy outdoor setting, illustrating the rain delay feature. Icons show options for delaying watering for 1, 2, or 7 days, and the timer's IP55 waterproof rating is highlighted.

7.8 Stopping Watering (OFF Mode)

To completely stop all automatic watering:

1. Turn the dial to "OFF". Your programmed settings will be saved, but the timer will not water automatically. The screen will display "OFF".

8. MAINTENANCE

- **Battery Replacement:** When the low battery indicator flashes, replace the batteries promptly. The valve will automatically close if the battery is critically low.
- **Filter Cleaning:** Periodically check and clean the metal filter gasket located in the inlet to prevent debris from clogging the timer or your irrigation system.
- **Winter Storage:** Before the first frost, disconnect the timer from the faucet, remove the batteries, and store the timer indoors in a dry, protected area to prevent freezing damage.
- **General Cleaning:** Wipe the timer with a damp cloth. Do not use abrasive cleaners or immerse in water.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn on/display is blank.	Batteries are dead or incorrectly installed.	Replace with new AA alkaline batteries, ensuring correct polarity.
Water does not flow at scheduled time.	1. Timer is in "OFF" mode. 2. Faucet is turned off. 3. Low battery. 4. Rain delay is active. 5. Incorrect programming (start time, duration, frequency).	1. Turn dial to "AUTO". 2. Turn on the faucet. 3. Replace batteries. 4. Cancel rain delay (hold "+" button for 3-5s). 5. Recheck and adjust programming settings.
Water leaks from connections.	1. Loose connection. 2. Missing or damaged washer/thread tape.	1. Tighten connections securely. 2. Ensure washers are properly seated and use thread sealing tape. Replace if damaged.
Timer waters continuously.	1. Timer stuck in manual mode. 2. Internal valve issue.	1. Press "OK" to exit manual mode. 2. Contact customer support.

10. 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. Please have your model number (SGW050R-T-N1) ready when contacting support. For further assistance, you may contact the seller directly via Amazon's messaging system.