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> [Insoma Sprinkler Timer with Brass Inlet and Outlet \(Model: ISM-SGW05-TT-A\) - User Manual](#)

## Insoma ISM-SGW05-TT-A

# Insoma Sprinkler Timer with Brass Inlet and Outlet

## MODEL: ISM-SGW05-TT-A - USER MANUAL

This manual provides detailed instructions for the installation, operation, and maintenance of your Insoma Sprinkler Timer. Please read thoroughly before use.

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## 1. PRODUCT OVERVIEW

The Insoma Sprinkler Timer is designed to automate your garden watering, providing convenience and water efficiency. Featuring durable brass inlet and outlet connections, a large LCD display, and multiple watering modes, it is suitable for various irrigation needs.



Figure 1.1: Insoma Sprinkler Timer with Brass Inlet and Outlet

## 2. SETUP

### 2.1 What's in the Box

- Insoma Sprinkler Timer (1 unit)
- Reducing Hex Bushing (3/4" Male NPT to 1/2" Female NPT)
- Thread Seal Tape
- User Manual

### 2.2 Battery Installation

The timer requires 2 AA 1.5V Alkaline batteries (not included). Ensure correct polarity when inserting batteries.

1. Locate the battery compartment on the back of the timer.
2. Slide the battery cover open.
3. Insert two AA alkaline batteries, observing the + and - markings.
4. Close the battery cover securely. The cover includes a seal ring to protect against moisture.



Figure 2.1: Control Panel and Battery Compartment (back view)

## 2.3 Timer Installation

The timer features a brass inlet and outlet for enhanced durability and pressure resistance.

1. Ensure the faucet is turned off.
2. Screw the timer's brass inlet onto your outdoor faucet. Hand-tighten only. Use the provided thread seal tape if necessary to prevent leaks.
3. Connect your garden hose or drip irrigation system to the timer's brass outlet. Hand-tighten only.
4. If your hose or faucet requires a different size, use the included reducing hex bushing.
5. Slowly turn on the faucet. Check for any leaks.

# Easy to Setup



Figure 2.2: Easy, Tool-Free Installation



Figure 2.3: Brass Inlet and Outlet for Durability

### 3. OPERATION

#### 3.1 Understanding the Control Panel

The timer features a large LCD display and intuitive controls:

- **Dial:** Rotate to select different settings (SET CLOCK, START TIME, HOW LONG, HOW OFTEN, AUTO, OFF).
- **+/- Buttons:** Adjust values for time, duration, or frequency. The '+' button also activates Rain Delay. The '-' button also activates Child Lock.
- **OK Button:** Confirm selections.
- **Manual Button:** Initiate manual watering.

#### 3.2 Setting the Clock

1. Rotate the dial to **SET CLOCK**.
2. Use the +/- buttons to adjust the current time.
3. Press **OK** to confirm and move to the next setting (e.g., minutes).
4. Repeat until the clock is set.

### 3.3 Automatic Watering Mode

This mode allows you to set a recurring watering schedule.

# Timed Watering

## 2 cycle modes

Choose the right watering frequency to meet plant water needs

### How often

**Hour mode:** every 1min-23h59min



**Day mode:** every 1-7 days

MAY						
sun	mon	tue	wed	thu	fri	sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

### How long

1min  23h59min

Figure 3.1: Timed Watering Settings (How Often, How Long)

1. Rotate the dial to **START TIME**. Use +/- to set the desired start time for watering. Press **OK**.
2. Rotate the dial to **HOW LONG**. Use +/- to set the watering duration (1 minute to 23 hours 59 minutes). Press **OK**.
3. Rotate the dial to **HOW OFTEN**. Use +/- to set the watering frequency (every 1 minute to 23 hours 59 minutes, or every 1 to 7 days). Press **OK**.
4. Rotate the dial to **AUTO**. The timer will now operate according to your programmed schedule.



Figure 3.2: Automatic Watering in Action

### 3.4 Manual Watering Mode

To water immediately without interrupting your programmed schedule:

1. Press the **Manual** button.
2. Use the +/- buttons to set the desired manual watering duration (1 minute to 23 hours 59 minutes).
3. Press **OK** to start manual watering.
4. To stop manual watering, press the **Manual** button again or rotate the dial to **OFF**.

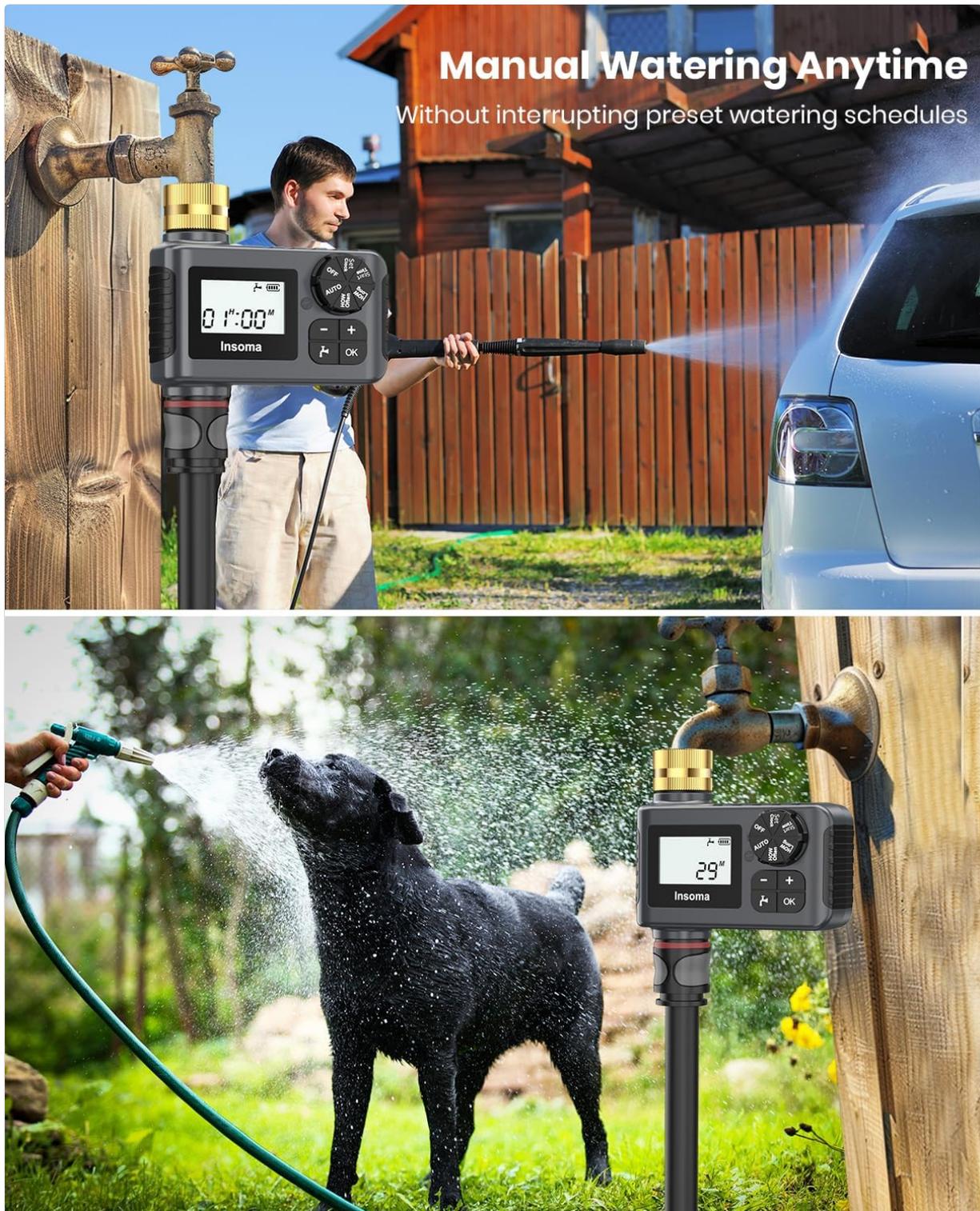


Figure 3.3: Manual Watering Anytime

### 3.5 Rain Delay Function

Pause your watering schedule for 1 to 7 days due to rain or other reasons.

1. While in **AUTO** mode, press the **+** button (Rain Delay).
2. Use the **+/-** buttons to select the number of days for the delay (1-7 days).
3. Press **OK** to confirm. The timer will pause and automatically resume the schedule after the delay period.
4. To cancel Rain Delay, press the **+** button again and set the delay to 0, or rotate the dial to **OFF** and then back to **AUTO**.



Figure 3.4: Rain Delay Function

### 3.6 Child Lock Mode

Prevent accidental operation by children or pets.

1. Press and hold the - button for 3 seconds to activate Child Lock. A lock icon will appear on the display.
2. To deactivate, press and hold the - button again for 3 seconds.

## 4. MAINTENANCE

### 4.1 Cleaning the Filter

The built-in metal filter prevents sediment from entering your irrigation system. Clean it periodically to ensure optimal performance.

1. Turn off the faucet and detach the timer.
2. Remove the filter washer from the inlet.
3. Rinse the filter under running water to remove any debris.
4. Reinsert the clean filter washer and reattach the timer to the faucet.



Figure 4.1: Built-in Stainless Steel Filter

## 4.2 Winter Storage

To prevent damage from freezing temperatures:

1. Remove the timer from the faucet before the first frost.
2. Remove the batteries.
3. Store the timer in a dry, frost-free location.

## 5. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Timer does not turn on/display is blank.	Dead or incorrectly installed batteries.	Replace batteries with new AA alkaline batteries. Ensure correct polarity.
Water does not flow during scheduled time.	Faucet is off; low water pressure; timer in OFF or Manual mode; clogged filter.	Ensure faucet is fully open. Check water pressure (must be 7.25-116 psi). Set dial to AUTO. Clean the inlet filter.
Water leaks from connections.	Loose connections; missing or damaged washer; insufficient thread seal tape.	Tighten connections by hand. Ensure rubber washer is properly seated. Apply more thread seal tape if needed.
Timer runs continuously or does not shut off.	Stuck valve; programming error.	Try resetting the timer by removing and reinserting batteries. Re-program the schedule carefully. If issue persists, contact customer support.

## 6. SPECIFICATIONS

<b>Model Number</b>	ISM-SGW05-TT-A
<b>Brand</b>	Insoma
<b>Material</b>	Brass Inlet & Outlet
<b>Product Dimensions (D x W x H)</b>	2.3" x 4.8" x 4.8"
<b>Water Pressure Range</b>	7.25 psi to 116 psi (0.5 to 8 bar)
<b>Watering Frequency</b>	1 minute to 23 hours 59 minutes, or 1 to 7 days
<b>Watering Duration</b>	1 minute to 23 hours 59 minutes
<b>Power Source</b>	2 x AA 1.5V Alkaline batteries (not included)
<b>Waterproof Rating</b>	IP55
<b>Screen Size</b>	6 Inches (LCD Display)

## 7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Insoma website.