

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Walfront](#) /

› [Walfront SGW01 Smart Sprinkler Timer Instruction Manual](#)

Walfront SGW01

Walfront SGW01 Smart Sprinkler Timer Instruction Manual

Your guide to efficient and automated garden watering.

1. IMPORTANT SAFETY INFORMATION

- Do not immerse the timer in water. The device is IPX5 water-resistant, designed for outdoor use, but not for submersion.
- Use only 2 x AA 1.5V alkaline batteries. Do not mix old and new batteries or different battery types.
- Remove batteries if the timer will not be used for an extended period to prevent leakage.
- Keep out of reach of children.
- Do not disassemble or attempt to repair the unit. Contact support if issues arise.
- Ensure all connections are tight to prevent leaks.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Walfront SGW01 Sprinkler Timer
- 1 x Converter (for 3/4in male thread)
- 1 x PTFE Tape (Thread Seal Tape)
- 1 x Waterproof Gasket
- 1 x User Manual



Figure 2.1: Exploded view of the Walfront SGW01 Sprinkler Timer and included accessories, showing the main unit, converter, PTFE tape, and waterproof gasket.

3. PRODUCT OVERVIEW

The Walfront SGW01 Smart Sprinkler Timer is designed to automate your watering schedule for lawns, gardens, and drip irrigation systems. It features a large LCD display, flexible programming options, and a rain delay function for water conservation.



Figure 3.1: Front view of the Walfront SGW01 Smart Sprinkler Timer, displaying the LCD screen and control buttons.



Figure 3.2: Dimensional drawing of the Walfront SGW01 Smart Sprinkler Timer, showing its length, width, and height measurements.

4. INSTALLATION AND SETUP

4.1 Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Twist and remove the battery cover.
3. Insert 2 x AA 1.5V alkaline batteries, ensuring correct polarity (+/-).
4. Replace the battery cover and twist to secure it, ensuring the sealing loop is properly seated for waterproofing.

4.2 Attaching to Faucet

1. Ensure your outdoor faucet has a 3/4-inch male thread. If not, use the provided converter.
2. Wrap the PTFE tape (thread seal tape) clockwise around the faucet threads 3-5 times for a watertight seal.
3. Screw the timer onto the faucet by hand until it is snug. Do not overtighten.

4. Attach your garden hose or irrigation system to the outlet of the timer.



Figure 4.1: The Walfront SGW01 Sprinkler Timer correctly installed on an outdoor faucet, ready for operation.

5. OPERATING INSTRUCTIONS

5.1 Setting Current Time

1. Press the 'SET/OK' button to enter time setting mode. The 'NOW' time will flash.
2. Use the '+' and '-' buttons to adjust the current hour.
3. Press 'SET/OK' again to move to minutes, then adjust with '+' and '-'.
4. Press 'SET/OK' to confirm and exit.

5.2 Programming Watering Schedule

The timer allows you to set a start time, watering duration, and frequency.

1. **Set Start Time:** Press 'SET/OK' until 'START TIME' flashes. Use '+' and '-' to set the desired start hour and minute. Press 'SET/OK' to confirm.
2. **Set Watering Duration ('HOW LONG'):** Press 'SET/OK' until 'HOW LONG' flashes. Use '+' and '-' to set the watering duration from 1 minute to 360 minutes. Press 'SET/OK' to confirm.

3. **Set Watering Frequency ('HOW OFTEN')**: Press 'SET/OK' until 'HOW OFTEN' flashes. Use '+' and '-' to set the frequency:

- **Hour Mode**: 1 minute to 23 hours 59 minutes.
- **Day Mode**: 1 day to 15 days (To switch to day mode, set frequency to 23 hours 59 minutes, then press '+' again).

Press 'SET/OK' to confirm and save the program.



Figure 5.1: The timer screen showing programmed settings for automatic watering, including start time, duration, and frequency.

5.3 Manual Watering

Manual mode allows temporary watering without interrupting your preset schedule.

1. Press the 'MANUAL' button. The 'HOW LONG' setting will flash.
2. Use '+' and '-' to set the desired manual watering duration.
3. Press 'SET/OK' to start manual watering. The timer will display 'ON'.
4. To stop manual watering, press 'MANUAL' again or wait for the set duration to complete.



Figure 5.2: The timer in manual watering mode, with water flowing from the attached hose, demonstrating temporary irrigation.

5.4 Rain Delay Function

The rain delay feature helps conserve water by pausing your watering schedule during rainy periods.

1. Press the 'ESC' button. The rain delay icon will appear, and the delay duration will flash.
2. Use '+' and '-' to select a delay period of 24, 48, or 72 hours.
3. Press 'SET/OK' to activate the rain delay. The timer will display the remaining delay time.
4. The watering schedule will automatically resume after the delay period ends.

LOW POWER PROTECTION

AUTO SHUT OFF VALVES

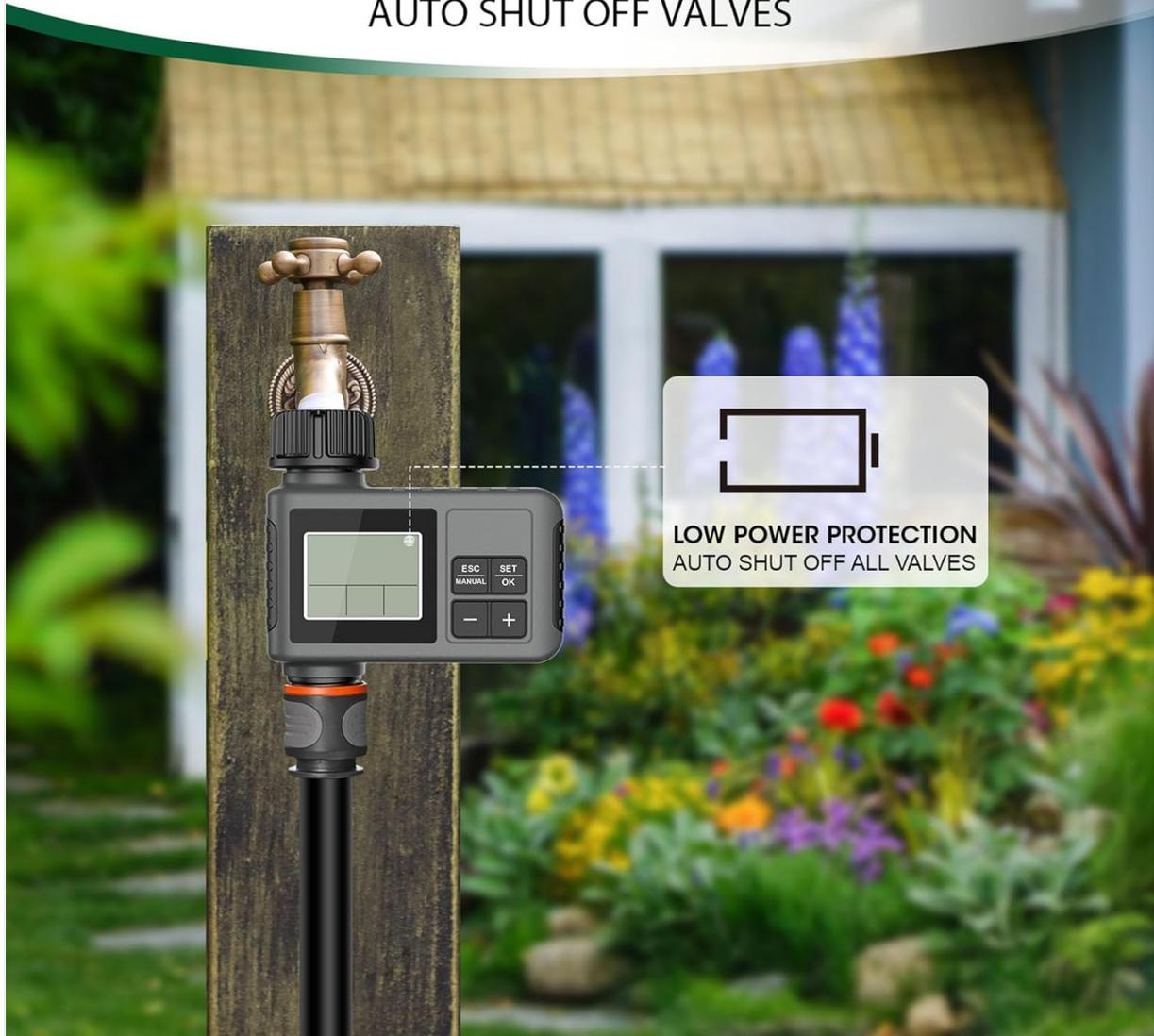


Figure 5.3: The timer displaying the rain delay function, indicating a pause in the watering schedule due to precipitation.

6. MAINTENANCE

6.1 Cleaning and Storage

- Clean the timer with a damp cloth. Do not use abrasive cleaners or solvents.
- Regularly check the filter washer at the inlet for debris and clean if necessary to ensure proper water flow.
- Before freezing temperatures, disconnect the timer from the faucet, remove batteries, and store it indoors in a dry, protected location.

6.2 Low Power Protection

When battery power is low, the timer will automatically shut off all valves to prevent continuous watering and conserve remaining battery life. Replace batteries promptly when the low battery indicator appears on the LCD screen.



Figure 6.1: The timer screen indicating low power protection, signifying that the batteries need replacement.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn on/LCD is blank	Dead or incorrectly installed batteries.	Replace batteries with new AA 1.5V alkaline batteries. Ensure correct polarity.
Water does not flow	Faucet is off; low water pressure; clogged filter; timer not programmed or in manual mode.	Ensure faucet is fully open. Check water pressure. Clean the filter washer. Verify programming or activate manual mode.
Timer leaks from connections	Loose connection; missing or damaged washer/PTFE tape.	Tighten connections. Ensure the waterproof gasket is properly seated. Reapply PTFE tape if necessary.
Watering schedule is inconsistent	Incorrect programming; rain delay activated.	Review and re-program the schedule. Check if rain delay is active and wait for it to expire or manually cancel.

8. SPECIFICATIONS

Feature	Specification
Model	SGW01
Outlet Thread	3/4 inch male thread
Working Pressure	7.25 - 116 psi
Working Temperature	4.5 - 45 °C (40.1 - 113 °F)
Power Source	2 x AA 1.5V batteries (not included)
Waterproof Rating	IPX5
Watering Duration	1 - 360 Minutes
Watering Frequency	1 - 23 Hours, 1 - 15 Days

9. WARRANTY AND SUPPORT

This Walfront product is covered by a manufacturer's warranty. Please refer to the product packaging or your purchase documentation for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact your retailer or the Walfront customer service department. Contact information can typically be found on the product packaging or the official Walfront website.

Related Documents - SGW01

	<p>SGW02 Water Timer Model Differences - Dongguan E-Chief Electronic Technologies</p> <p>Details on model variations for the SGW02 Water Timer from Dongguan E-Chief Electronic Technologies, including model names, FCC ID, and product description.</p>
	<p>// - Interface //</p>