

Ymlike SWV-02

Ymlike Bluetooth Smart Hose Water Timer with Wi-Fi Hub

Model: SWV-02

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ymlike Bluetooth Smart Hose Water Timer with Wi-Fi Hub. Please read this manual thoroughly before use to ensure proper function and longevity of the device.

2. SAFETY INFORMATION

- Ensure all connections are secure to prevent leaks.
- Do not immerse the Wi-Fi Hub in water. The water timer is IP54 waterproof, but the hub is not.
- Use only specified batteries (2 AAA) for the water timer.
- Operate within the specified temperature range of 3°C - 50°C (37 °F-122 °F).
- Keep the device out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Ymlike Bluetooth Smart Hose Water Timer (SWV-02)
- Wi-Fi Hub
- User Manual (this document)
- *Note: 2 AAA batteries for the water timer are not included.*



Image 3.1: Components of the Ymlike Smart Hose Water Timer system, including the timer, Wi-Fi hub, and a smartphone displaying the control application.

4. PRODUCT FEATURES

- **Bluetooth & Wi-Fi Connectivity:** Connects to your smartphone via Bluetooth and remotely via the Wi-Fi Hub (2.4GHz network required).
- **Two Irrigation Modes:** Supports Normal and Cycle & Soak watering schedules.
- **Flexible Scheduling:** Set up to 20 separate watering schedules with options for daily, weekdays, or specific periods.
- **Manual Watering:** Initiate watering instantly via the device button or the app.
- **Rain Delay Function:** Automatically skips watering based on local weather forecasts.
- **Durable Construction:** IP54 waterproof ABS plastic with anti-UV coating.
- **Battery Operated:** Requires 2 AAA batteries (not included) for up to 12 months of operation.
- **Multi-Device Support:** Connect up to 4 water timers to a single Wi-Fi hub.

- **App Control & Sharing:** Manage watering schedules and share control with family members via the Tuya app.



Image 4.1: Visual representation of key product features, including scheduling, ease of use, Bluetooth and app control, data storage, and waterproof design.

5. SETUP AND INSTALLATION

5.1 Install Batteries in Water Timer

1. Locate the battery compartment on the water timer.
2. Open the compartment and insert 2 new AAA alkaline batteries, ensuring correct polarity.
3. Securely close the battery compartment, ensuring the two shields are properly seated to maintain IP54

waterproof rating.

5.2 Install Water Timer

1. Screw the water timer onto your outdoor faucet (tap). The inlet thread is 3/4" F. A reduction to 3/4" F is also provided if needed.
2. Connect your garden hose to the outlet of the water timer.
3. Ensure all connections are hand-tight to prevent leaks.

5.3 Wi-Fi Hub Connection

1. Plug the Wi-Fi Hub into a standard electrical outlet indoors, within range of your home's 2.4GHz Wi-Fi network.
2. Ensure the hub is placed in a location that allows for good signal strength to both your Wi-Fi router and the water timer (via Bluetooth).

Remote Connectivity with Wi-Fi Hub

WiFi gateway makes the devices wifi enabled



Image 5.1: Illustration of the remote connectivity setup, demonstrating the Wi-Fi Hub's role in enabling remote control of the water timer via a smartphone application. Note: Only supports 2.4GHz Wi-Fi.

5.4 App Installation and Pairing

1. Download the "Tuya" app from your smartphone's app store (iOS or Android).
2. Register or log in to your Tuya account.
3. In the app, add the Wi-Fi Hub by following the on-screen instructions. Ensure your phone is connected to a 2.4GHz Wi-Fi network during this process.

4. Once the Wi-Fi Hub is added, use the app to pair the water timer to the hub via Bluetooth. The app will guide you through the pairing process.
5. You can connect up to 4 water timers to a single Wi-Fi hub.

6. OPERATING INSTRUCTIONS

6.1 Setting Watering Schedules

The Tuya app allows for flexible scheduling with two main irrigation modes:

- **Normal Mode:** Set a specific start time and duration for watering.
- **Cycle & Soak Mode:** Ideal for sloped areas or dense soil, this mode allows you to set a watering duration, followed by a soak time, repeated over a set period. This helps prevent runoff and promotes deeper water penetration.

To set a schedule:

1. Open the Tuya app and select your water timer.
2. Navigate to the "Timer" or "Schedule" section.
3. Choose your desired irrigation mode (Normal or Cycle & Soak).
4. Set the start time, duration (1 minute to 11 hours 59 minutes), and frequency (once, daily, weekdays, or specific days).
5. Save the schedule. You can set up to 20 separate schedules.

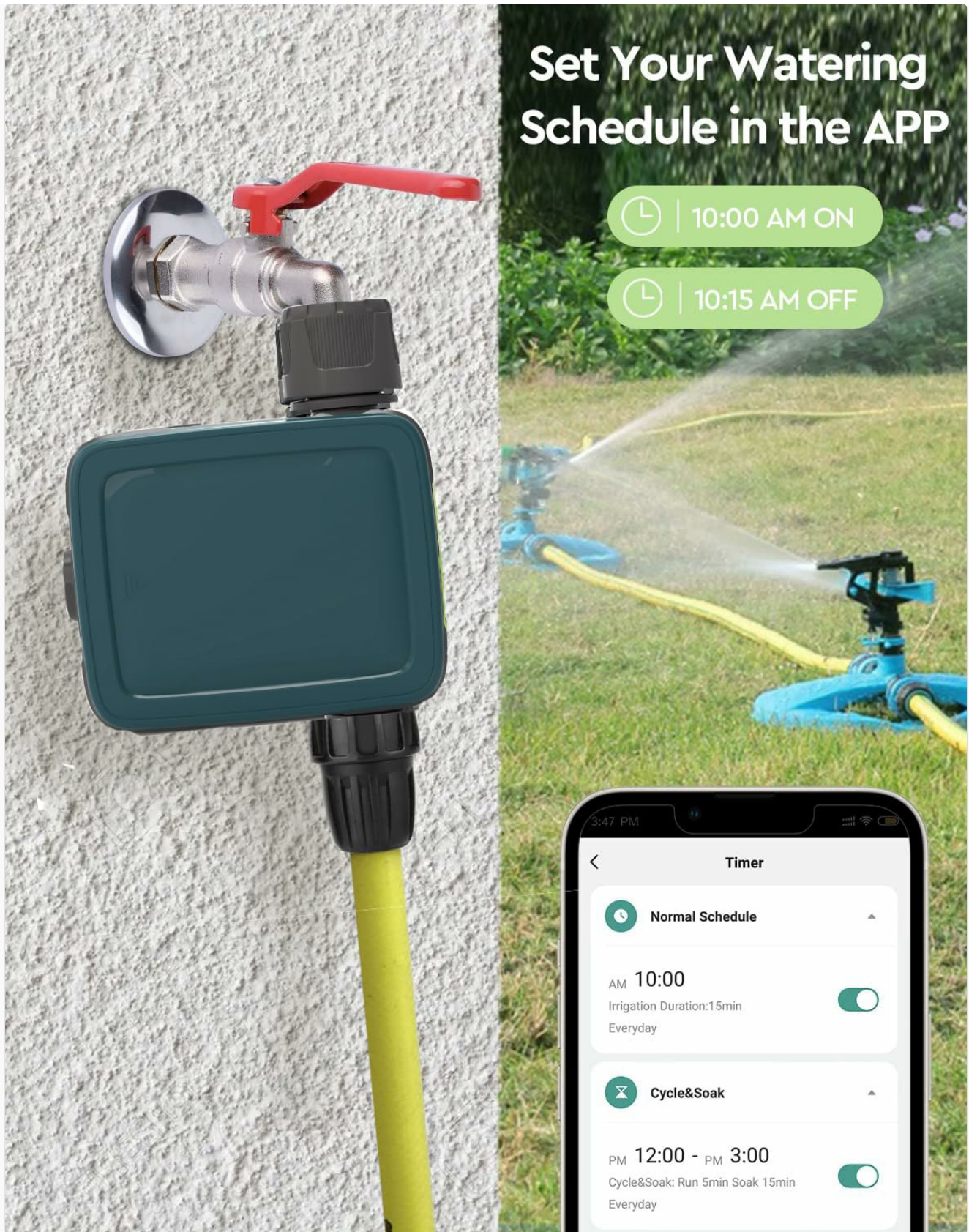


Image 6.1: App interface demonstrating how to configure watering schedules, including Normal and Cycle & Soak modes, with options for start times and durations.

6.2 Manual Watering

You can initiate watering instantly without affecting your programmed schedules:

- **Via App:** In the Tuya app, select your water timer and look for a "Manual" or "Water Now" option. Set the desired duration (1 minute to 60 minutes) and confirm.
- **Via Device:** Press the button on the water timer to start or stop manual watering. The default manual watering

duration can usually be configured in the app.

6.3 Rain Delay Function

The smart timer can automatically adjust to local weather conditions:

- The timer uses local weather forecasts to detect rain or snow.
- If precipitation is expected, the timer can automatically skip scheduled watering cycles to conserve water. This function does not disrupt your existing programmed schedules; it only postpones them.
- This feature can typically be enabled or disabled within the Tuya app settings for your water timer.

6.4 Water Usage Monitoring

The Tuya app provides insights into your water consumption:

- View the last watering run time and duration.
- Check the total water usage over a period (e.g., daily, weekly, monthly).
- Monitor upcoming schedules and local weather forecasts directly in the app.

Water Usage Monitoring

Check the last water usage in the app,
know how much water you use exactly.

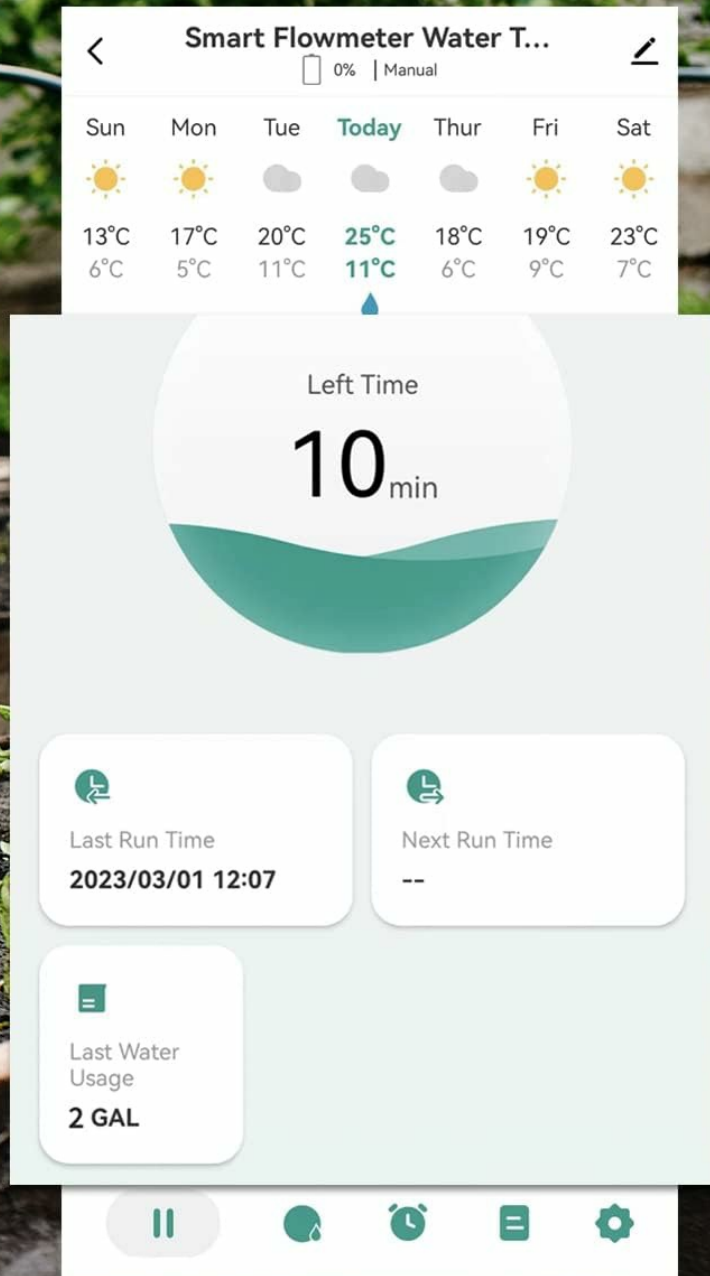


Image 6.2: App screen displaying water usage monitoring features, including historical data and future schedule information, integrated with local weather forecasts.

7. MAINTENANCE

7.1 Cleaning

- Wipe the exterior of the water timer with a damp cloth as needed.
- Do not use abrasive cleaners or solvents.

- Ensure the Wi-Fi Hub remains dry and clean.

7.2 Battery Replacement

- When the battery indicator in the app shows low power, replace the 2 AAA alkaline batteries in the water timer.
- Follow the steps in Section 5.1 for battery installation, ensuring the compartment is sealed correctly.
- Dispose of old batteries according to local regulations.

7.3 Winterization

- Before the first frost, disconnect the water timer from the faucet and store it indoors in a dry, protected area.
- Remove batteries if storing for an extended period.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water timer not responding.	Low or dead batteries.	Replace with new AAA alkaline batteries.
No water flow.	Faucet is off; timer is not scheduled; manual watering not activated; low water pressure.	Ensure faucet is fully open. Check app schedule or activate manual watering. Verify water pressure.
App cannot connect to Wi-Fi Hub.	Hub is unplugged; incorrect Wi-Fi network (not 2.4GHz); poor Wi-Fi signal.	Ensure hub is plugged in. Confirm your router is broadcasting a 2.4GHz network and your phone is connected to it during setup. Move hub closer to router.
Water timer not pairing with Wi-Fi Hub.	Timer out of Bluetooth range of hub; batteries low.	Move timer closer to hub during pairing. Replace batteries.
Leaks from connections.	Loose connections; missing or damaged washer.	Tighten connections. Check for and replace any damaged rubber washers.

9. SPECIFICATIONS

Feature	Detail
Model Number	SWV-02
Brand	Ymlike
Material	Acrylonitrile Butadiene Styrene (ABS)
Inlet Thread	3/4" F (with 3/4" F reduction)
Maximum Flow	35 L/min @ 3 bar

Feature	Detail
Maximum Working Pressure	8 bar
Operating Temperature	3°C - 50°C (37 °F-122 °F)
Irrigation Frequency	Every 1-7 days
Auto Irrigation Duration	1 minute to 11 hours 59 minutes
Manual Watering Duration	1 minute to 60 minutes
Waterproof Rating (Timer)	IP54
Power Source (Timer)	2 x AAA batteries (not included)
Communication (Hub)	2.4 GHz Wi-Fi
Connectable Timers per Hub	Up to 4
Item Weight (Timer)	0.5 Kilograms (approx. 500g)



Water timer: 13 cm*10.5 cm*3.8 cm

WIFI hub: 8.5 cm*6 cm*4cm

Image 9.1: Physical dimensions of the Ymlike water timer and its accompanying Wi-Fi hub.

10. WARRANTY AND SUPPORT

This product comes with a **1-year warranty** from the date of purchase. If you encounter any issues or require technical assistance, please contact Ymlike customer support through your retailer or the contact information provided with your purchase documentation.

Your satisfaction is our priority. Please retain your proof of purchase for warranty claims.