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› Haozee Solar WiFi Sprinkler Timer User Manual

Haozee HZ-WT-SOLAR

Haozee Solar WiFi Sprinkler Timer User Manual

Model: HZ-WT-SOLAR

1. INTRODUCTION

Thank you for choosing the Haozee Solar WiFi Sprinkler Timer. This smart hose timer is designed to provide automatic and precise irrigation for your lawns and yard, featuring a built-in flow meter and convenient WiFi connectivity. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance of your device.

2. PRODUCT OVERVIEW

The Haozee Solar WiFi Sprinkler Timer is an advanced irrigation controller that combines solar power, WiFi connectivity, and smart features to simplify your watering routine. It allows for remote control via an app, voice control, and manual operation, ensuring your plants receive the right amount of water.



Figure 2.1: Haozee Solar WiFi Sprinkler Timer and its accompanying smartphone application interface.



Figure 2.2: Front view of the Haozee Solar WiFi Sprinkler Timer, highlighting the solar panel.





Figure 2.3: Side view of the Haozee Solar WiFi Sprinkler Timer, showing the manual button and water inlet/outlet.

3. KEY FEATURES

- **Direct WiFi Connection:** Connects directly to 2.4Ghz WiFi without requiring an additional gateway.
- **Continuous Solar Power:** Features both USB Type-C charging and an angle-adjustable solar panel (up to 30 degrees) for year-round power, reducing energy costs.
- **Multiple Control Options:** Supports APP remote control, voice control (Alexa and Google Assistant), and manual control.

- **Precise Watering:** Built-in flow meter calculates water volume, allowing for better control and prevention of over-irrigation.
- **Rain Delay Mode:** Easily set delays for 24, 48, or 72 hours to avoid watering during rainy conditions.
- **Easy Scheduling:** Set irrigation times and quantities via the app, including single and cyclical irrigation modes.
- **Durable Design:** IP65 waterproof rating and a long-life rechargeable lithium battery ensure durability and environmental friendliness.
- **Effortless Management:** Track irrigation and water consumption records in real-time via the app.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- Haozee Solar WiFi Sprinkler Timer (Model: HZ-WT-SOLAR)
- USB Type-C Charging Cable
- User Manual
- Gasket/Seal (for connection)

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Video 4.1: Unboxing and product display of the Haozee Solar WiFi Sprinkler Timer, showing the contents of the package.

5. SETUP GUIDE

5.1 Initial Activation and Charging

1. The smart water valve is shipped in sleep mode by default.
2. To activate, long press the on/off button for 5 seconds to end sleep mode.
3. Press and hold the button again for 5 seconds until the LED flashes, indicating it's ready for pairing.
4. Ensure the device is sufficiently charged. Use the provided USB Type-C cable for charging if needed. The solar panel will continuously charge the device in sunlight.

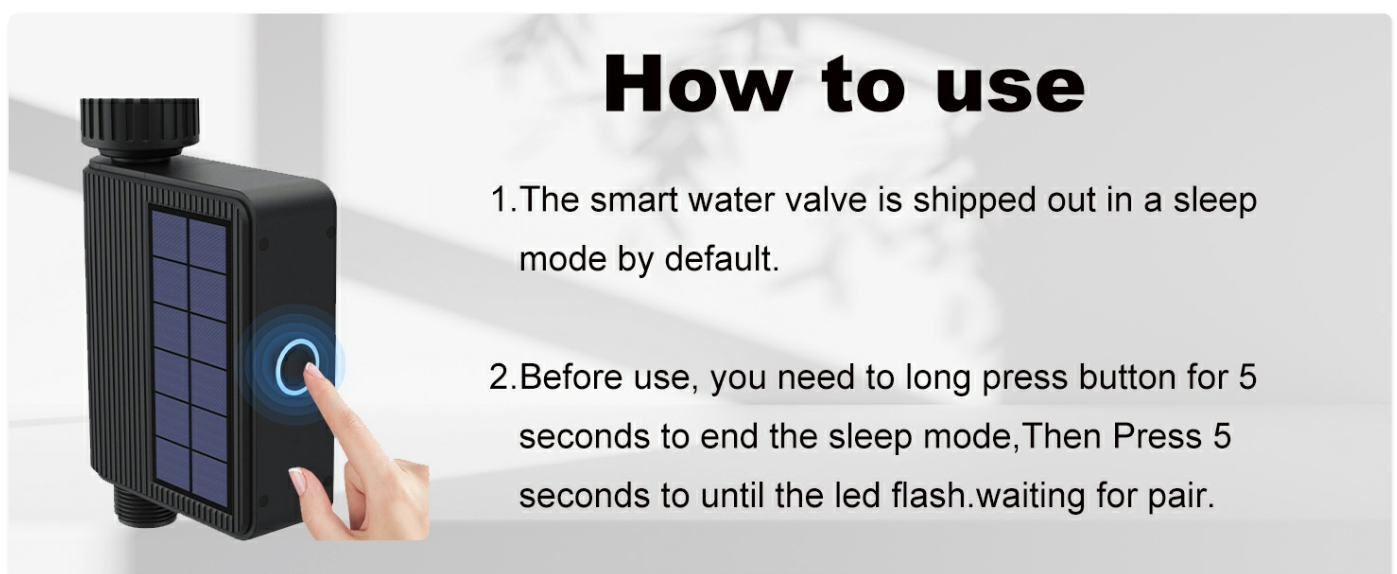


Figure 5.1: Visual guide for initial activation and pairing of the device.

5.2 App Installation and Device Pairing

1. Download the recommended smart home application (e.g., Tuya Smart or Smart Life) from your smartphone's app

store.

2. Open the app and create an account or log in.
3. Tap "Add Device" or the "+" icon to begin the pairing process.
4. Ensure your smartphone is connected to a 2.4GHz WiFi network. The device only supports 2.4GHz WiFi.
5. Follow the on-screen instructions in the app to connect the timer. This typically involves selecting "Valve Controller" or a similar category and entering your WiFi password.
6. Once successfully added, the device will appear in your app's device list.

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Video 5.2: Demonstration of adding the Haozee Sprinkler Timer to the smartphone application and connecting to WiFi.

5.3 Physical Installation

1. Attach the sprinkler timer to your outdoor faucet. Ensure a tight fit to prevent leaks, using the provided gasket if necessary. The swivel joint design facilitates easy installation.
2. Connect your garden hose or irrigation system to the outlet of the sprinkler timer.
3. Position the solar panel to maximize sunlight exposure. The panel can be rotated up to 30 degrees for optimal charging.
4. Ensure the built-in filter at the water intake is clean to prevent impurities from entering the pipe and clogging the spray nozzle.



Figure 5.3: Illustration of the swivel joint design for easy and sturdy installation.



02.

Built-in filter

An internal filter in the water intake prevents impurities from entering the pipe, thus better preventing clogging of the spray nozzle.

Figure 5.4: Close-up of the built-in filter at the water intake.



01.

Adjustable angle structure

Solar panel angle adjustable at 30° for more sunlight absorption and faster charging.

Figure 5.5: The adjustable angle structure of the solar panel for optimal sunlight absorption.

6. OPERATING INSTRUCTIONS

6.1 Manual Control

You can manually turn the timer on or off by pressing the button on the device.



Figure 6.1: Location of the one-touch start/stop button for manual operation.

6.2 App Remote Control and Scheduling

Once connected to WiFi, you can control and schedule your sprinkler timer from anywhere using the app.

- **Single Irrigation:** Set a specific duration for a one-time watering event. The app will display the amount of water used.
- **Cyclical Irrigation:** Program recurring watering cycles by setting the duration, interval time, and number of cycles.
- **Timed Irrigation:** Set specific start times and durations for watering on selected days of the week.
- **Rain Delay:** Activate the rain delay mode to skip watering for 24, 48, or 72 hours, preventing overwatering during wet weather.
- **Sleep Mode:** If not using the device for a long time, you can manually turn on sleep mode via the app to conserve battery. To reactivate, press and hold the water valve button for 3 seconds.

Mobile phone remote control



Control with app anywhere, anytime



Figure 6.2: Remote control of the sprinkler timer via the mobile app, showing WiFi connectivity.

One Time Cyclical Irrigation Timer Irrigation

customized watering based on watering Time
or Water Volume(such as 10Gal or 30mins each time).



Figure 6.3: App interface demonstrating options for one-time or cyclical irrigation scheduling.



Figure 6.4: App interface for activating the rain delay mode, with options for 24, 48, or 72 hours.

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Video 6.5: Detailed demonstration of setting single irrigation, cyclical irrigation, and activating sleep mode and rain delay within the app.

6.3 Voice Control

The Haozee Sprinkler Timer supports voice commands via Alexa and Google Assistant. Ensure your device is linked to your smart home assistant account through the app settings.

Example commands:

- "Alexa, turn on the sprinkler timer."
- "Hey Google, turn off the garden hose."

7. MAINTENANCE

- **Cleaning the Filter:** Regularly check and clean the built-in filter at the water intake to prevent debris from accumulating and affecting water flow.
- **Battery Health:** While the solar panel provides continuous charging, ensure the device receives adequate sunlight. If stored for extended periods, charge via USB Type-C to maintain battery health.
- **Winterization:** In freezing temperatures, disconnect the timer from the faucet and store it indoors to prevent damage from ice expansion.
- **Waterproof Rating:** The device is IP65 waterproof, meaning it is protected against low-pressure water jets from any direction. However, avoid submerging the device.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not connecting to WiFi.	Incorrect WiFi band (not 2.4GHz), weak signal, incorrect password, device in sleep mode.	Ensure your router is broadcasting a 2.4GHz signal. Move the device closer to the router. Double-check WiFi password. Long press the button for 5 seconds to exit sleep mode and enter pairing mode.
Water not flowing or weak flow.	Low water pressure, clogged filter, timer not activated, hose kinked.	Check water supply pressure. Clean the built-in filter. Ensure the timer is set to "ON" via app or manual button. Straighten any kinks in the hose.
Battery not charging.	Insufficient sunlight, solar panel obstructed, faulty charging cable.	Adjust solar panel angle for maximum sun exposure. Clear any obstructions. Try charging via USB Type-C cable.
App shows incorrect water usage.	Flow meter obstruction or malfunction.	Ensure no debris is in the water path. If problem persists, contact customer support.

9. SPECIFICATIONS

Specification	Detail
Brand	Haozee
Model Number	HZ-WT-SOLAR
Connectivity	2.4GHz WiFi
Power Source	Solar Powered (with rechargeable Lithium Ion battery) / USB Type-C Charging
Waterproof Rating	IP65

Specification	Detail
Product Dimensions	1.6 x 4.33 x 6.1 inches
Item Weight	14 ounces
Material	Plastic
Display Type	LCD or LED
UPC	607609866824



Figure 9.1: Detailed product dimensions.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided on the product packaging or visit the official Haozee website. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question