RISOON WIFI Water Sprinkler Timer

RISOON WIFI Water Sprinkler Timer Instruction Manual

Model: WIFI Water Sprinkler Timer | Brand: RISOON

Introduction

The RISOON WIFI Water Sprinkler Timer allows for smart, remote control of your garden watering system. Connect directly to your 2.4 GHz Wi-Fi network without the need for an additional hub. This device is designed for outdoor use with an IP65 waterproof rating, making it suitable for various watering needs including lawns, gardens, flower beds, and vegetable patches.

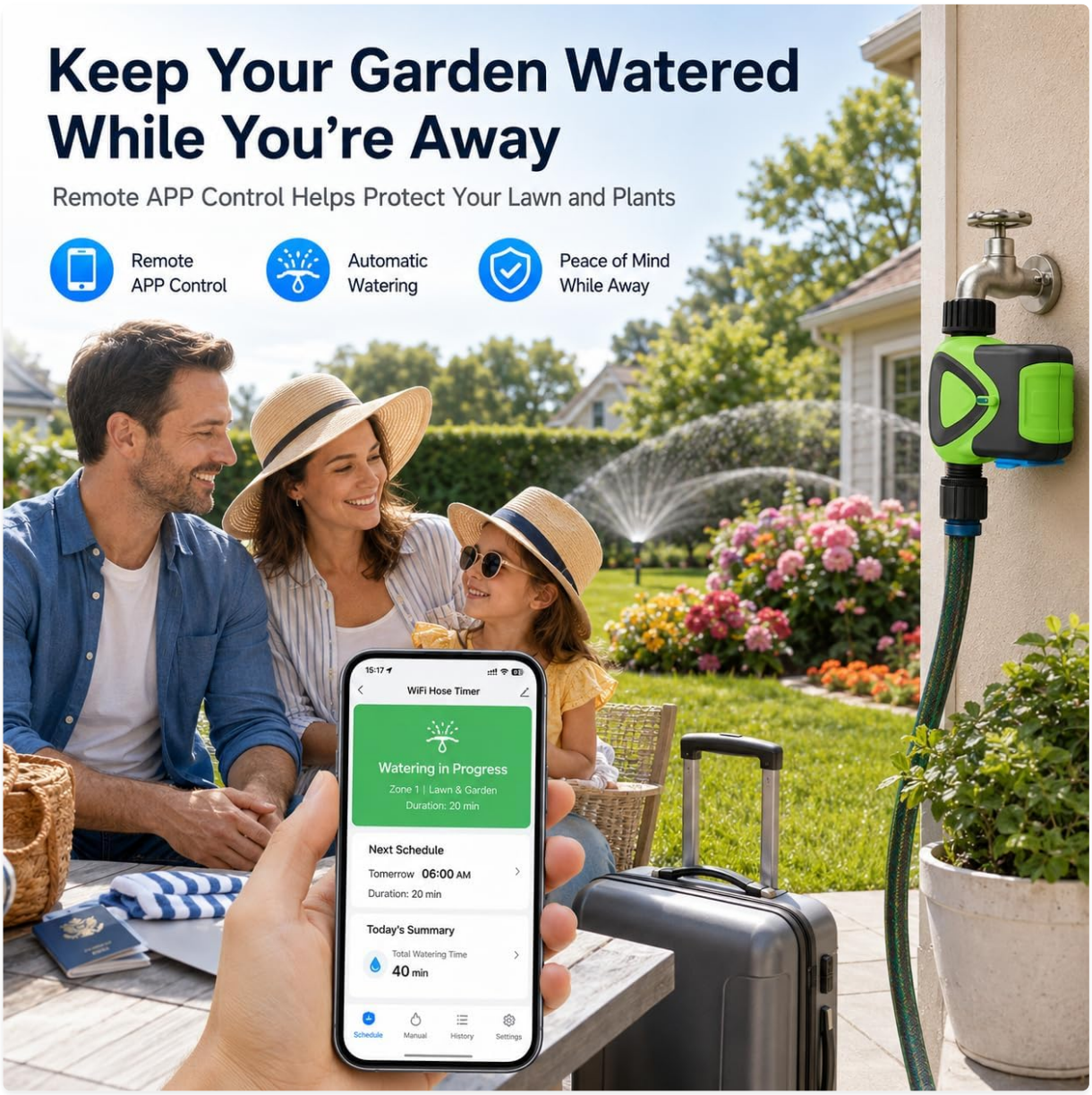

Figure 1: Manage your garden watering from anywhere using the dedicated application. The timer connects directly to your 2.4 GHz Wi-Fi network, eliminating the need for a separate hub.

Setup Instructions

Follow these steps to set up your RISOON WIFI Water Sprinkler Timer:

1. **Install Batteries:** Open the leak-resistant battery cover and insert four new AA/LR6 1.5V batteries. Ensure correct polarity.
2. **Attach to Faucet:** Securely screw the timer onto your outdoor faucet. Ensure a tight fit to prevent leaks.
3. **Download App:** Download the companion application (e.g., Tuya/Smart Life) from your smartphone's app store.
4. **Connect in App:** Open the app, register/log in, and follow the on-screen instructions to add the device. Ensure your phone is connected to a 2.4 GHz Wi-Fi network and Bluetooth is enabled during pairing. Enter your Wi-Fi password when prompted.
5. **Verify Connection:** Once connected, the app will confirm successful pairing. You can now control the timer remotely.

Figure 2: Installation is quick and straightforward. Simply attach the timer to your outdoor faucet, connect it to the app, and begin automated watering.

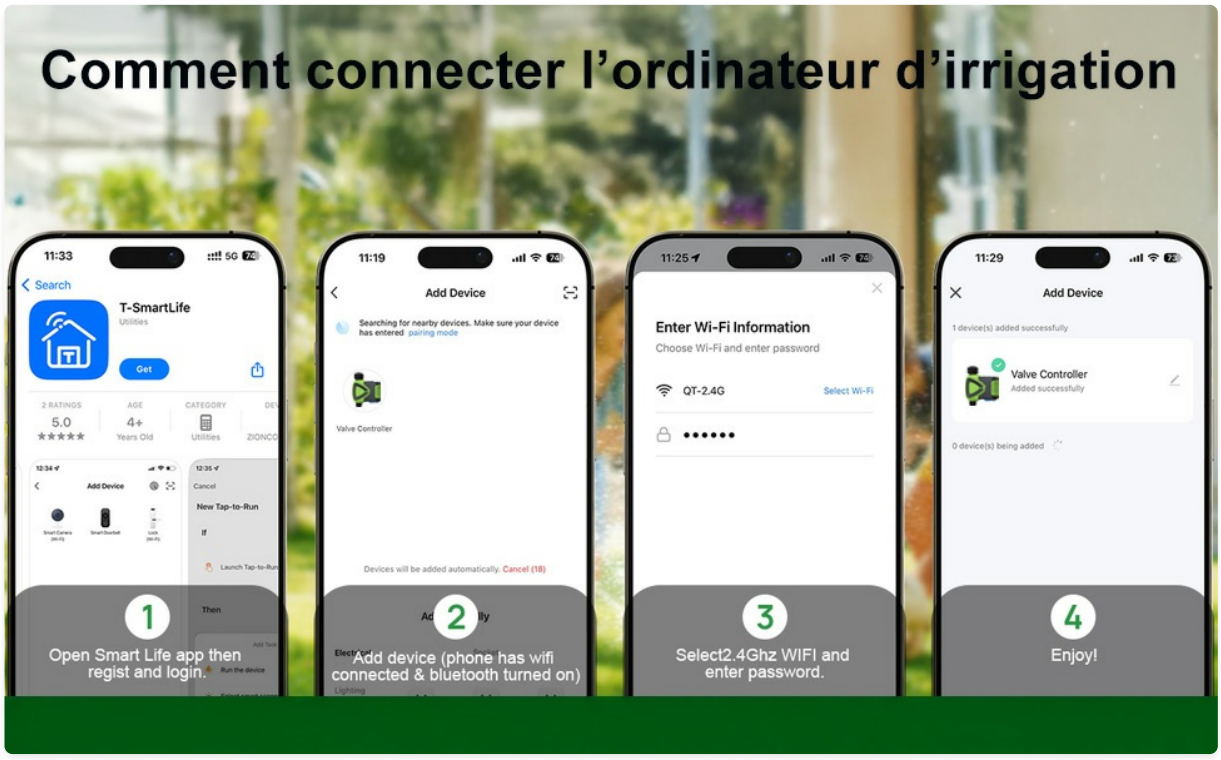

Figure 3: App interface showing the connection process for the RISOON WIFI Water Sprinkler Timer.

Figure 4: The timer is powered by four replaceable AA/LR6 1.5V batteries, located in a leak-resistant compartment.

Operating Instructions

Manual Watering

To initiate watering immediately or for a set countdown period:

- Open the app and select the timer.
- Choose the 'Immediate Watering' or 'Countdown' option.
- For countdown, set the desired duration (up to 4 hours).
- Confirm to start watering. This will not affect your programmed schedules.

Figure 5: Initiate watering instantly or set a countdown for up to 4 hours directly from the app.

Setting Watering Schedules

Create and manage automated watering plans:

- In the app, navigate to the 'Scheduling' or 'Timing' section.
- Add a new schedule and configure the following:
  - **Weekly Cycle:** Select specific days of the week.
  - **Odd/Even Days:** Choose to water on odd or even days of the month.
  - **Flexible Start Time:** Set the exact time for watering to begin.
  - **Custom Duration:** Specify the length of each watering session.
- Save your schedule. You can create multiple schedules for different zones or plant types.

Figure 6: Customize your watering schedules with options for weekly cycles, specific days, flexible start times, and adjustable durations.

Rain Delay Function

To prevent overwatering during rainy weather:

- Access the 'Rain Delay' feature in the app.
- Select a delay period of 24, 48, or 72 hours.
- The timer will pause all scheduled watering for the selected duration and resume automatically afterward.

Figure 7: Utilize the rain delay function to pause watering for 24, 48, or 72 hours, preventing overwatering and conserving water.

Smart Scenes and Child Lock

- **Smart Scenes:** Integrate the timer with other smart devices, such as a soil moisture sensor, to create automated watering routines based on environmental conditions.
- **Child Lock:** Activate the child lock feature in the app to prevent accidental manual operations via the physical button on the device.

Maintenance

To ensure optimal performance and longevity of your RISOON WIFI Water Sprinkler Timer:

- **Battery Replacement:** Replace the 4 AA/LR6 1.5V batteries when the app indicates a low battery level. Always use fresh batteries.
- **Cleaning:** Periodically clean the exterior of the timer with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.
- **Winterization:** In freezing temperatures, disconnect the timer from the faucet and store it indoors to prevent damage from ice.

- **Check for Leaks:** Regularly inspect connections for any leaks and tighten if necessary.

Figure 8: Constructed with an IP65 waterproof casing and durable ABS material, this timer is built for reliable outdoor performance. The leak-resistant battery cover ensures longevity.

Troubleshooting

Problem	Possible Cause	Solution
Timer not connecting to Wi-Fi	Incorrect Wi-Fi password; Router too far; Only 5 GHz Wi-Fi available; Low battery.	Ensure correct 2.4 GHz Wi-Fi password. Move router closer or use a Wi-Fi extender. Confirm your router supports 2.4 GHz. Replace batteries.
Watering not starting/stopping	Low battery; Incorrect schedule settings; Rain delay active; Water pressure too low.	Check battery level and replace if needed. Verify schedule times and durations in the app. Check if rain delay is active. Ensure water pressure is within 0.3-10 bar.

Problem	Possible Cause	Solution
Leaks from connections	Loose connection; Damaged washer.	Tighten all connections. Check and replace rubber washers if they are worn or damaged.
App is slow or unresponsive	Poor Wi-Fi signal; App needs update; Phone issues.	Check your home Wi-Fi signal strength. Update the app to the latest version. Restart your smartphone.

Specifications

Feature	Detail
Brand	RISOON
Model Number	WIFI Water Sprinkler Timer
Item Model Number	WIFI Water Sprinkler Timer
Part Number	RISOON01
Product Dimensions (L x W x H)	1 x 1 x 1 cm; 498.95 grams
Item Dimensions D x W x H	3D x 3W x 3H millimeters
Item Weight	1.1 Pounds
Color	Green
Water Pressure Range	0.3 to 10 bar
Connection Size	3/4"
Power Source	4 x AA/LR6 1.5V batteries (replaceable)
Waterproof Rating	IP65
Number of Settings	10

Warranty Information

RISOON products are typically covered by a limited warranty against defects in materials and workmanship. Please refer to the product packaging or the official RISOON website for specific warranty terms and conditions, including the duration and coverage details. Keep your purchase receipt as proof of purchase for any warranty claims.

Customer Support

For technical assistance, troubleshooting, or general inquiries regarding your RISOON WIFI Water Sprinkler Timer, please contact RISOON customer support. Contact information can usually be found on the product packaging, the official RISOON website, or within the companion application.

When contacting support, please have your product model number (WIFI Water Sprinkler Timer) and purchase details readily available to expedite the process.