

[Manuals.plus](#) /

› [johgee](#) /

› Johgee Water Timer WiFi Hub Instruction Manual

johgee 18

Johgee Water Timer WiFi Hub Instruction Manual

Model: 1 Zone-wifi (Model 18)

Brand: johgee

1. INTRODUCTION

The Johgee Water Timer WiFi Hub is a smart irrigation system designed to automate watering for your garden, lawn, and flower beds. It consists of a water timer and a smart gateway (Wi-Fi hub) that allows for convenient control via a mobile application. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance of your device.

2. SAFETY INFORMATION

- Ensure the device is installed in a location protected from extreme weather conditions, especially freezing temperatures.
- Use only 2 AA alkaline batteries (not included) for the water timer. Do not mix old and new batteries or different battery types.
- The device is waterproof to IP55, suitable for outdoor use, but avoid submerging it in water.
- Do not disassemble or attempt to repair the device yourself. Contact customer support for assistance.
- Keep out of reach of children.

3. PACKAGE CONTENTS

- 1 x Johgee Water Timer
- 1 x Johgee Wi-Fi Hub (Gateway)
- 1 x User Manual (this document)
- Accessories for installation (e.g., 1/2 and 3/4 water tap fittings, PTFE tape)



Image: Johgee Water Timer, Wi-Fi Hub, and included accessories like tap fittings and PTFE tape.

4. PRODUCT OVERVIEW

The Johgee Smart Sprinkler System comprises two main components:

- **Water Timer:** Connects directly to your outdoor tap and controls water flow to your irrigation system. It is battery-powered and communicates wirelessly with the Wi-Fi Hub.
- **Wi-Fi Hub (Gateway):** Plugs into an indoor power outlet and connects to your home Wi-Fi network. It acts as a bridge between your mobile device (via the app) and the water timer, enabling remote control and scheduling.

The maximum distance between the WiFi hub and the watering timer is 15 meters(49.2 ft)



APP
Control



Wifi
Bluetooth



ECO
Function



Manual
Irrigation



Rainy
Delay



Irrigation
records



Digital
Programming

Image: Overview of the system components, illustrating the Wi-Fi hub's connection to the home network and the water timer's connection to the tap, all controlled via a mobile app.

5. SETUP GUIDE

5.1. App Installation

1. Download the "Smart Life" app from your smartphone's app store (available on Android and iOS).
2. Register for a new account or log in if you already have one.

5.2. Connecting the Wi-Fi Hub

1. Plug the Wi-Fi Hub into a power outlet indoors, ensuring it's within range of your home's 2.4 GHz Wi-Fi network.
2. Open the "Smart Life" app.
3. Ensure your phone's Wi-Fi and Bluetooth are enabled.
4. In the app, select "Add Device" or the "+" icon in the top right corner.

5. Navigate to the "Electrical" category and select "Switch (BLE + Wi-Fi)" or "Plug (BLE + Wi-Fi)" if "Switch" is not available.
6. Follow the on-screen prompts to reset the device (usually by pressing and holding a button until an indicator blinks rapidly). Confirm the indicator is blinking rapidly in the app.
7. Enter your Wi-Fi network password when prompted. The app will then search for and add the Wi-Fi Hub.
8. Once successfully added, select "Done".

Your browser does not support the video tag.

Video: Step-by-step guide on how to link the water timer and gateway (Wi-Fi Hub) using the Smart Life app.

5.3. Pairing the Water Timer with the Wi-Fi Hub

1. Install 2 AA alkaline batteries into the water timer.
2. Attach the water timer to your outdoor tap. Ensure a tight fit to prevent leaks, using PTFE tape if necessary.
3. In the Smart Life app, select the newly added "Wi-Fi Hub".
4. Within the Wi-Fi Hub interface, look for an option to "Associate Bluetooth device" or "Add sub-device".
5. Press and hold the button on the water timer until its indicator lights start blinking rapidly (or as per the timer's specific pairing mode).
6. The app should detect the "Smart Water Timer". Select it and confirm to add it to the gateway.
7. Once successfully added, the water timer will appear under your Wi-Fi Hub in the app.

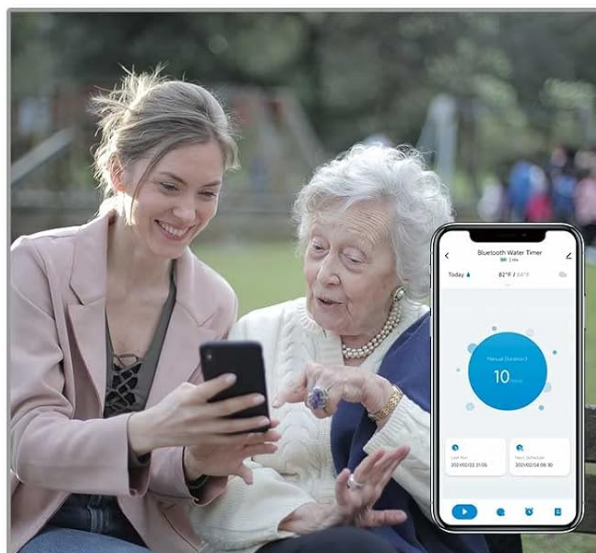
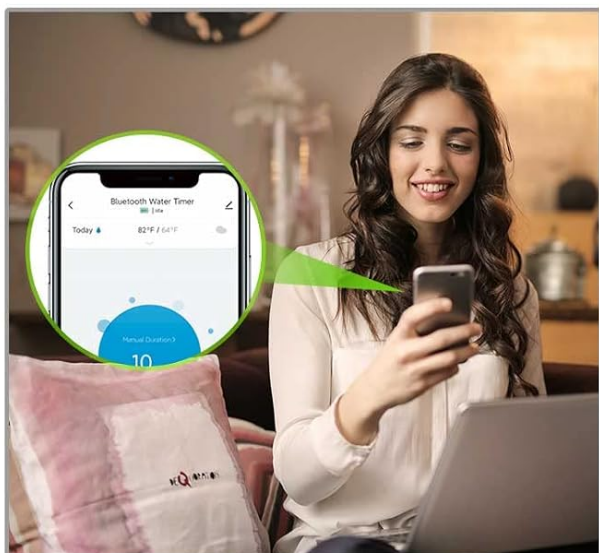


Image: The Johgee Water Timer securely connected to an outdoor water tap, ready for operation.

6. OPERATING INSTRUCTIONS

6.1. Setting a Watering Schedule

1. Open the Smart Life app and select your "Smart Water Timer".
2. Tap on "Schedule" or "Timer" option.
3. Choose between "Normal Schedule" for specific start times or "Cycle/Soak" for repeated watering intervals.
4. Set the desired start time, irrigation duration (e.g., 10 minutes), and frequency (e.g., specific days of the week).
5. Save your settings. The timer will now automatically water according to your schedule.

Your browser does not support the video tag.

Video: Demonstrates how to program detailed watering schedules using the Smart Life app, including setting duration and days.

6.2. Manual Control

You can manually turn the water on or off directly from the app without affecting your programmed schedules.

- On the main screen of the water timer in the app, you will see a manual control option (often a large button or dial).
- Tap to activate or deactivate watering manually. You can also set a manual duration for a one-time watering session.



Image: The mobile application interface displaying the manual control option for immediate watering.

6.3. Rain Delay Function

The app can detect local weather conditions and allow you to delay watering to conserve water during rainy periods.

- In the app, locate the "Rain Delay" or "Weather Delay" setting.
- Select a delay period of 24 hours, 48 hours, or 72 hours.
- The system will automatically pause scheduled watering for the selected duration.

Automatic Irrigation Regularly

10:00

When working



6:00

When sleeping



16:00

When traveling



Image: Screenshot of the app showing options for setting a rain delay for 24, 48, or 72 hours.

7. MAINTENANCE

- **Battery Replacement:** The water timer requires 2 AA batteries. The app will provide a low battery reminder when the level drops below 5%. Replace batteries promptly to ensure continuous operation.
- **Winter Storage:** During winter months or when temperatures are expected to drop below freezing, disconnect the water timer from the tap and store it indoors in a dry, frost-free location to prevent damage.
- **Cleaning:** Periodically check the filter washer at the inlet of the water timer for debris and clean if necessary to maintain optimal water flow.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Water timer not responding to app.	Wi-Fi Hub is offline or out of range of the timer. Low battery in water timer.	Check Wi-Fi Hub connection and ensure it's online. Move hub closer to timer (max 15m/49.2ft). Replace water timer batteries.
Water leaks from connection.	Improperly tightened connection. Missing or damaged washer.	Ensure connections are tight. Use PTFE tape. Check and replace rubber washer if damaged.
Scheduled watering not occurring.	Schedule not saved correctly. Rain delay active. Low battery.	Verify schedule settings in the app. Check if rain delay is enabled. Replace batteries.
App cannot find Wi-Fi Hub during setup.	Incorrect Wi-Fi password. Hub not in pairing mode. 5GHz Wi-Fi network.	Double-check Wi-Fi password. Ensure hub indicator is blinking rapidly. Connect to a 2.4GHz Wi-Fi network.
Water timer not turning off.	Valve malfunction.	Manually turn off via app. If issue persists, contact customer support.
Water timer not turning on.	No water pressure. Valve malfunction.	Check water supply. If issue persists, contact customer support.
App shows "No Timer".	Timer not paired with hub or pairing lost.	Re-pair the water timer with the Wi-Fi Hub following section 5.3.
App shows "Device Offline".	Wi-Fi Hub lost internet connection.	Check your home Wi-Fi network and router. Restart the Wi-Fi Hub by unplugging and re-plugging it.

9. SPECIFICATIONS

- **Model:** 1 Zone-wifi (Model 18)
- **Dimensions:** 15 x 14.5 x 6 cm
- **Weight:** 320 g
- **Material:** Polycarbonate Silicone
- **Waterproof Rating:** IP55
- **Power (Water Timer):** 2 x AA Alkaline Batteries (not included)
- **Voltage (Water Timer):** 1.5 Volts
- **Connectivity:** Wi-Fi (2.4GHz for Hub), Bluetooth (for Timer-Hub communication)
- **Tap Fittings:** 1/2 inch and 3/4 inch

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Johgee Water Timer WiFi Hub, please refer to the warranty card included with your product or visit the official Johgee website. You may also contact the seller directly through the platform where you purchased the product.



