

RAINPOINT HTV210B009W-NH

RainPoint WiFi Water Timer User Manual

Brand: RAINPOINT

Model: HTV210B009W-NH

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your RainPoint WiFi Water Timer. This 2-zone smart sprinkler timer is designed to automate your garden watering, offering remote control and flexible scheduling options for efficient irrigation.

PRODUCT OVERVIEW

The RainPoint WiFi Water Timer is an intelligent irrigation controller featuring dual programmable zones and smart connectivity. Key features include:

- **Remote Control:** Manage watering schedules and view history via the RainPoint Home APP using 2.4 GHz WiFi.
- **Dual Programmable Zones:** Each zone operates independently, allowing for customized watering schedules. Up to 6 schedules can be set per zone.
- **Flexible Irrigation Modes:** Offers Normal irrigation (1 min-12 hours), Interval irrigation (1 sec-60 mins), and Cycle & Soak (1 min-12 hours).
- **Multiple Watering Frequencies:** Choose from daily, weekly, odd days, even days, or every 2 to 30 days.
- **Smart Scenes:** Automatically adjust watering based on weather conditions and link with other RainPoint devices for an integrated garden system.
- **Seasonal Adjustment:** Automatically adjusts watering duration by a set percentage (10%-200%) monthly, reducing manual adjustments.
- **Voice Control:** Compatible with Alexa and Google Assistant for hands-free operation.
- **Expandable System:** Multiple timers can be paired with a single smart hub (up to 4 recommended for stability).



Figure 1: RainPoint 2-Zone WiFi Water Timer with its accompanying Smart Hub and a smartphone displaying the control app interface.

SETUP

1. **Install Batteries:** The water timer requires 4 AA batteries (not included). Ensure correct polarity when inserting.
2. **Download RainPoint Home APP:** Search for "RainPoint Home" on your device's app store (App Store or Google Play) or scan the QR code provided in the Quick Start Guide. Register or log in to your account.
3. **Connect the Smart Hub:**
 - Plug the Smart Hub into an outlet near your 2.4 GHz WiFi router. Wait approximately 10 seconds for the device initialization to complete.
 - Press and hold the button on the Smart Hub until the blue light flashes quickly.
 - In the RainPoint Home APP, select "Add Device," then find "HWG009WB" (the model number for the hub) and follow the in-app instructions to complete the connection.
 - *Note: The Smart Hub connection only supports 2.4 GHz WiFi networks.*
4. **Connect Water Timer to Faucet:** Attach the water timer to your outdoor faucet. Ensure a secure connection. It is recommended to use Teflon tape on the threads for a watertight seal.
5. **Pair Water Timer with Smart Hub:** Follow the in-app instructions to pair your water timer with the Smart Hub. This typically involves activating a pairing mode on the timer and confirming in the app.

For All Your Irrigation Needs



Figure 2: The RainPoint Water Timer installed on an outdoor faucet, with hoses connected to its two independent zones, ready for irrigation.

OPERATING INSTRUCTIONS

Once set up, you can manage your watering schedules and settings through the RainPoint Home APP.

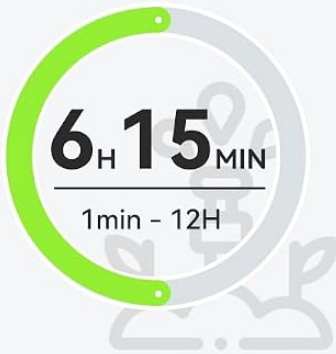
Scheduling Watering

- **Dual Zone Control:** Utilize the independent controls for Zone 1 and Zone 2 to create distinct watering programs for different areas of your garden.

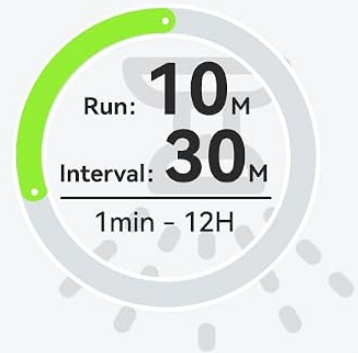
- **Setting Schedules:** Each zone supports up to 6 watering schedules. Access the scheduling interface within the app to define start times, durations, and frequencies.
- **Watering Frequencies:** Select from various frequencies including:
 - Everyday
 - Odd Dates
 - Even Dates
 - Interval (e.g., every 2, 3, ... 30 days)
 - Custom (specific days of the week)
- **Watering Modes:** Choose the appropriate mode for your plants:
 - **Normal Irrigation:** Continuous watering for a set duration (1 minute to 12 hours).
 - **Interval Irrigation:** Watering for a short period, followed by a pause, repeated over a set interval (e.g., 1 second to 60 minutes run time, 1 minute to 12 hours interval).
 - **Cycle & Soak:** Watering in cycles with soak periods to allow water absorption and prevent runoff (e.g., 1 minute to 12 hours cycle, 1 minute to 24 hours soak).

Multiple Irrigation Modes for Plants

Normal Irrigation



Interval Irrigation



Cycle & Soak



Figure 3: Visual representation of the three available irrigation modes: Normal, Interval, and Cycle & Soak, illustrating their distinct watering patterns.

Smart Features

- **Smart Scenes:** Configure automated actions based on environmental conditions. For example, set a "Heavy Rain" scene to delay watering, or a "High Humidity" scene to turn off irrigation.
- **Seasonal Adjustment:** Enable this feature to automatically modify watering durations monthly based on a preset percentage (10%-200%), adapting to changing seasonal needs without manual intervention.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant to control your water timer using voice commands. Refer to the app for specific voice commands.

Optimize Garden with Smart Scene

Address conditions in an organized and timely manner



Weather



| Heavy rain >>> Plan delay

Humidity



| > 60% >>> Turn off

Temperature



| > 35°C >>> Ext of 10 Mins

Figure 4: The Smart Scene feature allows the timer to adjust watering based on real-time weather conditions, humidity levels, and temperature, optimizing water usage.

Navigating Seasonal Changes

Automatically adjusts watering duration each month based on a preset percentage (10%-200%)



Figure 5: A graph demonstrating how the seasonal adjustment feature automatically modifies watering duration throughout the year, from March to August, based on a set percentage.

MAINTENANCE

- **Regular Cleaning:** Periodically clean the timer's exterior with a damp cloth. Avoid abrasive cleaners.
- **Filter Maintenance:** Check the inlet filter for debris and clean it as needed to ensure proper water flow.
- **Battery Replacement:** Replace the 4 AA batteries when the low battery indicator appears in the app or on the device. Ensure the timer is dry before opening the battery compartment.
- **Winterization:** Before freezing temperatures, disconnect the timer from the faucet and hoses. Drain any remaining

water and store the timer indoors in a dry, protected area to prevent freeze damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not connecting to WiFi.	Incorrect WiFi band (only 2.4 GHz supported); Hub too far from router; Incorrect pairing procedure.	Ensure your router is set to 2.4 GHz or has a split band. Move the Smart Hub closer to the router. Re-attempt the pairing process as per the Setup section.
Watering schedule not running.	Low batteries; Incorrect schedule settings; Manual override active; Water pressure issues.	Check battery level and replace if necessary. Verify schedule times, durations, and frequencies in the app. Ensure no manual watering is active. Check water supply to the faucet.
Water leaking from connections.	Loose connection; Worn washer; Missing Teflon tape.	Tighten all connections. Check rubber washers for wear and replace if damaged. Apply Teflon tape to threaded connections.
Alexa/Google Assistant not responding.	Incorrect app used for Alexa integration; Skill not enabled.	For Alexa/Google Assistant integration, ensure you are using the correct RainPoint app (e.g., HomGar app for certain models, or the updated RainPoint Home app for broader compatibility). Enable the RainPoint skill in your voice assistant's app.

For further assistance, please refer to the comprehensive user manual or contact RainPoint customer support.

SPECIFICATIONS

- **Model Number:** HTV210B009W-NH
- **Material:** Plastic
- **Color:** Green
- **Product Dimensions:** 7.68"D x 3.23"W x 6.34"H
- **Item Weight:** 1.32 pounds
- **Number of Settings:** 12 (referring to schedules per zone, 6 per zone x 2 zones)
- **Connectivity:** 2.4 GHz WiFi (via Smart Hub)
- **Power Source:** 4 AA Batteries (for timer, not included)

WARRANTY AND SUPPORT

RainPoint offers a **5-year warranty** on this product. To activate your warranty, product registration may be required. Please refer to the product packaging or the RainPoint website for registration details.

For technical support, warranty claims, or any inquiries regarding your RainPoint WiFi Water Timer, please contact RainPoint customer support through the contact information provided in your Quick Start Guide or on the official RainPoint website. Customer support is known for being responsive and helpful.