

RAINPOINT HIC801W (6 Zone)

RAINPOINT 6 Zone Smart Sprinkler Controller User Manual

Model: HIC801W

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1. INTRODUCTION

The RAINPOINT 6 Zone Smart Sprinkler Controller (Model HIC801W) is an advanced irrigation system designed to provide efficient and convenient watering for your lawn and garden. This controller integrates with your home Wi-Fi network, allowing for remote management via a dedicated mobile application and voice control through compatible smart assistants. Its weather-based functionality helps optimize watering schedules, conserving water while maintaining healthy plant growth.

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your RAINPOINT Smart Sprinkler Controller.



Image 1.1: The RAINPOINT 6 Zone Smart Sprinkler Controller shown alongside its mobile application interface. The controller features physical buttons for manual operation and LED indicators for zones 1-8, power, and Wi-Fi status. The app displays active watering zones, remaining time, and scheduling options.

2. SETUP

2.1 Unboxing and Components

Before beginning installation, ensure all components are present:

- RAINPOINT 6 Zone Smart Sprinkler Controller (HIC801W)
- Power Adapter
- Mounting Hardware (screws, anchors)
- User Manual (this document)

2.2 Physical Installation

1. **Choose a Location:** Select a suitable indoor location near an electrical outlet and within Wi-Fi range. Avoid direct sunlight or extreme temperatures.
2. **Mount the Controller:**
 - Mark the desired mounting points on the wall using the controller as a template.
 - Drill pilot holes if necessary and insert wall anchors.
 - Secure the controller to the wall using the provided screws.
3. **Wire the Zones:**
 - Turn off power to your existing sprinkler system at the breaker.

- Connect the common wire from your sprinkler valves to the terminal labeled **"C"** on the controller.
- Connect each zone wire (1-6) from your sprinkler valves to the corresponding numbered terminal (1-6) on the controller.
- If you have a master valve or pump start relay, connect its wire to the terminal labeled **"MV"** or **"P"** (if available and applicable).

4. **Connect Power:** Plug the provided power adapter into the controller's power port and then into a standard electrical outlet. The controller will power on.

2.3 App Installation and Initial Pairing

1. **Download the App:** Search for "RAINPOINT" in your mobile device's app store (App Store for iOS or Google Play Store for Android) and download the official application.
2. **Create an Account:** Open the app and follow the prompts to create a new user account or log in if you already have one.
3. **Add Device:**
 - Tap the **"+"** icon or "Add Device" option within the app.
 - Select "Sprinkler Controller" or the specific model HIC801W if listed.
 - Follow the in-app instructions to put the controller into pairing mode (usually involves pressing and holding a button on the controller until an indicator light flashes).
 - Enter your 2.4GHz Wi-Fi network name (SSID) and password when prompted. *Note: The controller does not support 5GHz Wi-Fi networks.*
 - The app will guide you through the connection process. Once connected, the Wi-Fi indicator on the controller will become solid.

3. OPERATING THE CONTROLLER

3.1 Manual Control

You can manually operate your sprinkler zones directly from the controller or through the mobile app.

3.1.1 Manual Control via Controller Buttons

- Press the **"MANUAL"** button to enter manual mode.
- Use the **"Left"** and **"Right"** arrow buttons to select the desired zone (1-6).
- Press the **"Play/Start"** button (often indicated by a triangle or similar icon) to begin watering the selected zone.
- Press the **"Stop"** button (often indicated by a square or similar icon) to stop watering.

3.1.2 Manual Control via Mobile App

- Open the RAINPOINT app and select your controller.
- Navigate to the **"Manual"** tab or section.
- Select the zone(s) you wish to water and set the desired duration.
- Tap **"Start"** to initiate manual watering.
- Tap **"Stop"** to end manual watering.

3.2 Automatic Scheduling (Programming)

The primary function of the smart controller is to automate your watering schedules. All scheduling is managed through the RAINPOINT mobile app.

1. Create a New Schedule:

- From the app's main screen for your controller, go to the **"Plan"** or **"Schedule"** section.
- Tap **"Add Schedule"** or the **"+"** icon.

2. Configure Schedule Details:

- **Start Time:** Set the desired time for the watering cycle to begin.
- **Zones:** Select the specific zones (1-6) to be included in this schedule.
- **Duration:** For each selected zone, specify the watering duration in minutes.
- **Days:** Choose the days of the week for the schedule to run (e.g., Monday, Wednesday, Friday) or select an interval (e.g., every 2 days).
- **Weather-Based Adjustments:** Enable features like rain delay, seasonal adjust, or smart watering based on local weather data. This feature automatically skips watering if rain is detected or adjusts duration based on temperature and humidity.

3. **Save Schedule:** Review your settings and save the schedule. You can create multiple schedules for different zones or watering needs.

3.3 Voice Control Integration

The RAINPOINT controller supports integration with popular voice assistants like Amazon Alexa and Google Assistant, allowing you to control your sprinklers with voice commands.

1. Link Accounts:

- Open your Amazon Alexa or Google Home app.
- Navigate to the "Skills" (Alexa) or "Works with Google" (Google Home) section.
- Search for "RAINPOINT" and enable the skill/service.
- Log in with your RAINPOINT app account credentials to link the accounts.

2. **Discover Devices:** Once linked, ask your voice assistant to "Discover devices" or manually initiate device discovery in the app.

3. Example Voice Commands:

- "Alexa, turn on Zone 1 for 10 minutes."
- "Hey Google, start watering Zone 3."
- "Alexa, stop watering."
- "Hey Google, what is the status of my sprinklers?"

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RAINPOINT Smart Sprinkler Controller.

- **Cleaning:** Wipe the exterior of the controller with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Firmware Updates:** Periodically check the RAINPOINT app for available firmware updates. Updates often include performance improvements, bug fixes, and new features. Follow the in-app instructions to perform updates.
- **Winterization (for cold climates):** Before the first frost, disconnect the power adapter and remove the controller if it is installed in an unheated area. Store it in a dry, temperature-controlled environment to prevent damage from freezing.

- **Check Wiring:** Annually inspect the wiring connections to ensure they are secure and free from corrosion.

5. TROUBLESHOOTING

If you encounter issues with your RAINPOINT Smart Sprinkler Controller, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Controller has no power / LED indicators are off.	Power adapter unplugged or faulty; power outlet not working.	Ensure the power adapter is securely plugged into the controller and a working electrical outlet. Test the outlet with another device.
Wi-Fi indicator is flashing or off.	Controller is disconnected from Wi-Fi; incorrect Wi-Fi password; router issues; 5GHz network.	<ul style="list-style-type: none">• Ensure your Wi-Fi router is on and functioning.• Verify the controller is within range of your 2.4GHz Wi-Fi network.• Re-enter your Wi-Fi credentials in the app.• Restart your router and the controller.• Ensure you are connecting to a 2.4GHz network, not 5GHz.
Zones are not watering.	Water supply off; faulty wiring; rain delay active; master valve issue; faulty sprinkler valve.	<ul style="list-style-type: none">• Check if the main water supply to your sprinkler system is turned on.• Inspect wiring connections at the controller and at the valves for looseness or corrosion.• Check the app for an active rain delay or other smart watering features that might be preventing watering.• If you have a master valve, ensure it is functioning correctly.• Manually test the individual sprinkler valves to confirm they are operational.
App cannot connect to the controller.	Controller offline; app outdated; network issues on phone.	<ul style="list-style-type: none">• Ensure the controller's Wi-Fi indicator is solid, indicating it's online.• Update the RAINPOINT app to the latest version.• Check your phone's internet connection.• Try restarting the app or your phone.

5.1 Factory Reset

If troubleshooting steps do not resolve the issue, a factory reset may be necessary. This will erase all settings and schedules, requiring you to re-pair the device with the app.

Consult the RAINPOINT app or manufacturer's website for specific instructions on how to perform a factory reset for your HIC801W model, as the procedure may vary.

6. SPECIFICATIONS

Feature	Detail
Model Number	HIC801W
Number of Zones	6
Connectivity	Wi-Fi 2.4GHz (IEEE 802.11b/g/n)
Power Input	24V AC (via included power adapter)
Control Methods	Mobile App, On-device Buttons, Voice Control (Alexa, Google Assistant)
Operating Temperature	32°F to 122°F (0°C to 50°C)
Indoor/Outdoor Use	Indoor Use Only

7. WARRANTY AND SUPPORT



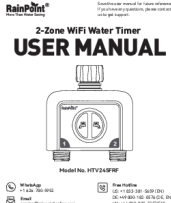



7.1 Product Warranty

RAINPOINT products typically come with a limited warranty covering defects in materials and workmanship. The specific warranty period and terms may vary. Please refer to the warranty card included with your product or visit the official RAINPOINT website for detailed warranty information.

7.2 Customer Support

- For technical assistance, troubleshooting, or warranty claims, please contact RAINPOINT customer support:
- **Website:** Visit the official RAINPOINT website for FAQs, support articles, and contact forms.
 - **Email:** Refer to your product packaging or the RAINPOINT website for the customer support email address.
 - **Phone:** Check the RAINPOINT website for available phone support numbers and operating hours.

When contacting support, please have your product model number (HIC801W) and purchase information ready.

 <p>USER MANUAL 8-Zone Irrigation Controller Model No. HIC801W</p> <p>Weather by RainPoint® family. Please read this manual before using to learn about the features and benefits.</p>	<p>RainPoint HIC801W 8-Zone Irrigation Controller User Manual</p> <p>Comprehensive user manual for the RainPoint HIC801W 8-Zone Irrigation Controller, covering setup, app connection, features, troubleshooting, and warranty information.</p>
 <p>1-Zone WiFi Water Timer USER MANUAL</p> <p>Model No. HTV145FRF</p> <p>Weather by RainPoint® family. Please read this manual before using to learn about the features and benefits.</p>	<p>RainPoint HTV145FRF 1-Zone WiFi Water Timer User Manual</p> <p>User manual for the RainPoint HTV145FRF 1-Zone WiFi Water Timer. Learn about installation, app connection, features, troubleshooting, and warranty for smart garden irrigation.</p>
 <p>2-Zone WiFi Water Timer USER MANUAL</p> <p>Model No. HTV245FRF</p> <p>Weather by RainPoint® family. Please read this manual before using to learn about the features and benefits.</p>	<p>RainPoint 2-Zone WiFi Water Timer User Manual HTV245FRF</p> <p>User manual for the RainPoint HTV245FRF 2-Zone WiFi Water Timer. Learn about installation, app setup, features like scheduled and manual watering, rain delay, water flow monitoring, and troubleshooting.</p>
 <p>INSTRUKCJA OBSŁUGI Sterownik zraszacz 8-strefowy RainPoint WiFi</p> <p>Model nr. HIC801W</p>	<p>Instrukcja Obsługi Sterownika Zrasczaczy RainPoint WiFi HIC801W</p> <p>Szczegółowy przewodnik po instalacji, konfiguracji i obsłudze sterownika zraszacz RainPoint WiFi HIC801W, umożliwiający automatyczne nawadnianie ogrodu za pomocą aplikacji mobilnej.</p>
 <p>INSTRUKCJA OBSŁUGI Sterownik nawadniania 4-strefowy z bramką RainPoint WiFi</p> <p>Model nr. HTV405FRF</p>	<p>Instrukcja Obsługi Sterownika Nawadniania RainPoint WiFi HTV405FRF</p> <p>Kompleksowa instrukcja obsługi sterownika nawadniania 4-strefowego RainPoint WiFi (Model HTV405FRF), obejmująca konfigurację, instalację, funkcje, tworzenie scen inteligentnych, rozwiązywanie problemów i środki ostrożności.</p>
 <p>Instruction Manual 1 Zone WiFi Water Timer with WiFi Hub Model: TTV103WRF + TWG004WRF</p> <p>Weather by RainPoint® family. Please read this manual before using to learn about the features and benefits.</p>	<p>RainPoint 1 Zone WiFi Water Timer & Hub Instruction Manual</p> <p>This instruction manual provides detailed guidance for setting up and using the RainPoint 1 Zone WiFi Water Timer (TTV103WRF) and WiFi Hub (TWG004WRF). Learn about smart irrigation features, app control, installation steps, and troubleshooting for your automated garden watering system.</p>

