

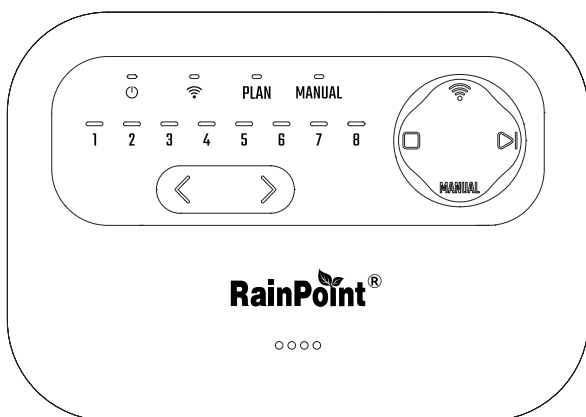


**RainPoint®**  
More Than Water Saving

# USER MANUAL

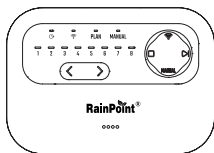
## 8-Zone Irrigation Controller

**Model No. HIC801W**

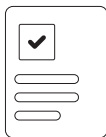


Welcome to the **RAINPOINT** family! Please read the manual before using to learn about the features and functions.

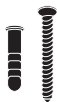
## 1. Contents in the box



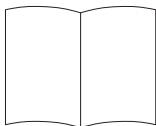
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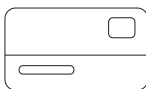
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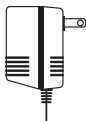
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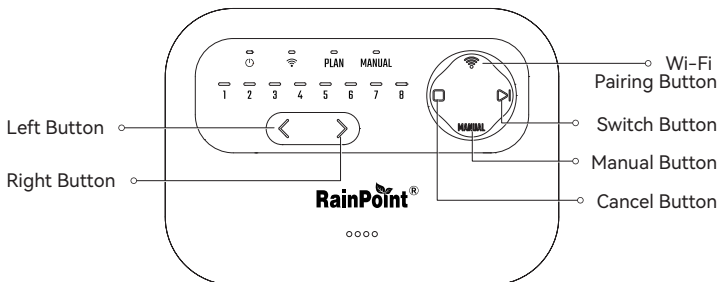


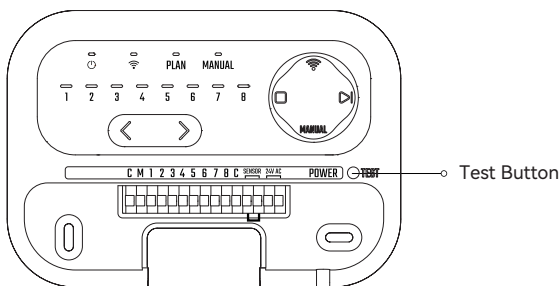
6

1. 1 X HIC801W 8-Zone Irrigation Controller
2. 1 X Quick Guide
3. 1 X Screws and Expansion Bolts
4. 1 X User Manual
5. 1 X Warranty Card
6. 1 X AC Adaptor

## 2. Introduction

### 2.1 Product Overview





## 2.2 Button Introduction

| BUTTON        | MODE                              | OPERATE             | FUNCTION                                                                                                               |
|---------------|-----------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>TEST</b>   | Standby mode/ Zone selecting mode | Press for 2 seconds | Test the connection status of valves from zone 1 to zone 8 pairing                                                     |
|               | Standby mode/ Zone selecting mode | Press for 5 seconds | Enter into Wi-Fi pairing (Default: Automatic Pairing)                                                                  |
|               | Wi-Fi pairing mode                | Short press         | Switch automatic pairing or AP pairing                                                                                 |
| <             | Standby mode                      | Short press         | Enter into zone selecting (start from zone 8)                                                                          |
|               | Zone selecting mode               | Short press         | Switch from zone 8 to zone 1                                                                                           |
| >             | Standby mode                      | Short press         | Enter into zone selecting (start from zone 1)                                                                          |
|               | Zone selecting mode               | Short press         | Switch from zone 1 to zone 8                                                                                           |
|               | Plan mode                         | Short press         | When multiple zones under irrigation plan, press to stop watering of current zone and start watering of next zone      |
|               | Manual mode                       | Short press         | When multiple zones are waiting for irrigation, press to stop watering of current zone and start watering of next zone |
|               | Plan mode                         | Short press         | Stop watering of current zone, cancel the plan of other zones                                                          |
|               | Manual mode                       | Short press         | Stop watering                                                                                                          |
|               | Zone selecting mode               | Short press         | Cancel the selected zone                                                                                               |
| <b>MANUAL</b> | Zone selecting mode               | Short press         | Start watering of the selecting zone                                                                                   |

## 2.3 Product Specification

| ITEM                      | SPECIFICATION         |
|---------------------------|-----------------------|
| Output                    | 24V AC 0.8A           |
| Input                     | 120/240V 60/50Hz      |
| Working temperature range | 3°C-50°C (37°F-122°F) |
| Power supply              | AC 24V                |
| Storage temperature       | 4-122°F (-10-50°C)    |
| Max input power           | 10W                   |

## 2.4 Product Features

- Control 8 valves and 1 main valve
- Pair with 2 sensors
- Clear indication and button, easy to operate
- App controlled watering
- Up to 8 watering plans for each valve
- Check watering plan on calendar
- Track working status of valves based on weather forecast

## 3. Work On APP

### 3.1 APP Download

- a. Search and download **RainPoint Home** on:



- b. Or scan the QR code to download:

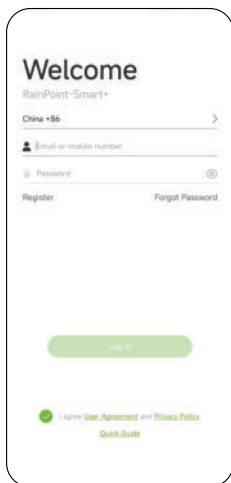


iOS



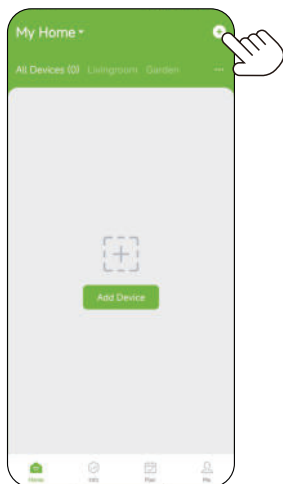
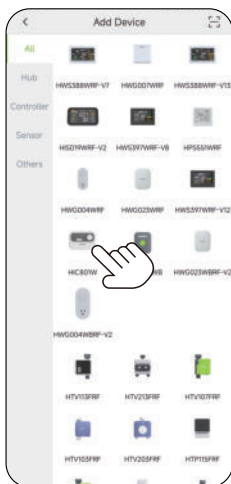
Android

- c. **Create an account and log in:**  
Follow the prompts to register an account with your email or mobile phone.



## 3.2 Irrigation Controller Connection

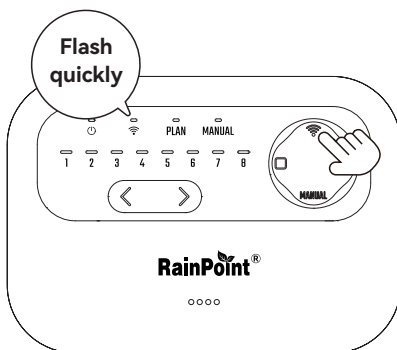
- a. Add device on the Home page, tap  or "Add Device" on the Home page, and select the HIC801W. Or press  scan QR code and enter into next step.



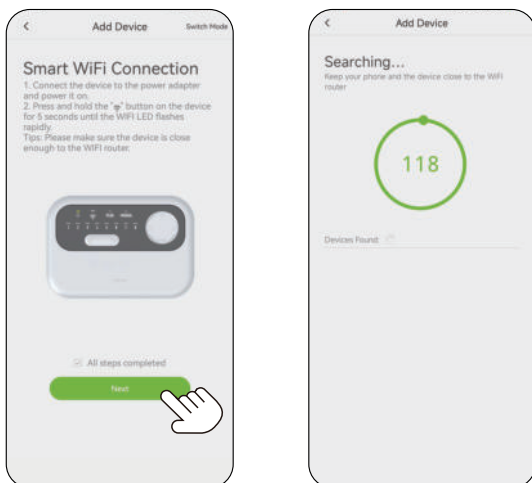
- b. Select 2.4 GHz Wi-Fi and enter the password.



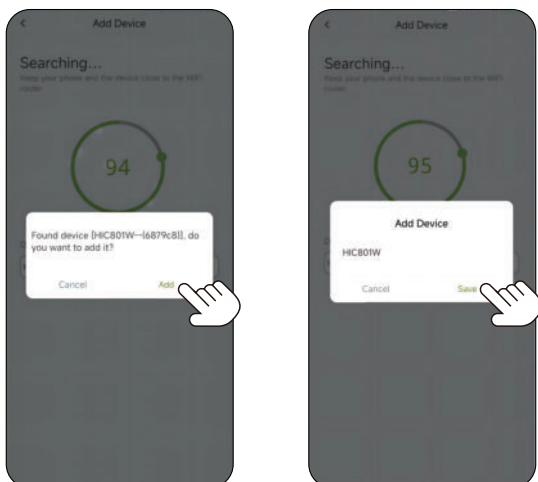
- c. Power the irrigation controller and press the  button for 5 seconds. The Wi-Fi LED will flash quickly and start pairing.



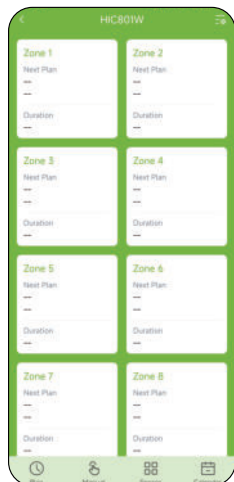
- d. Press **"Next"** to search the device.



- e. Search and find the device, rename it and save.



- f. If successful, the LED of Wi-Fi in the controller will always on, and the app will show as right.

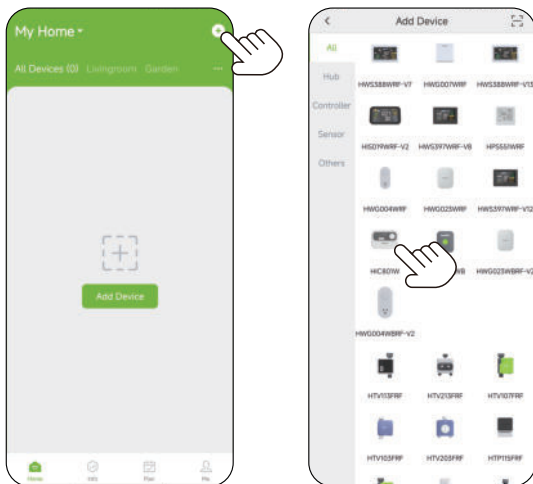


**Note:** After successfully adding the controller, your phone can use any network to remotely control it, but your router needs to keep 2.4GHz available all the time.

### AP mode to connect the irrigation controller

If you can not connect to the irrigation controller, please try AP mode:

- a. Tap **+** to add a device on the Home page, then select the HIC801W.



- b. Select 2.4 GHz Wi-Fi and enter the password.



- c. Tap "**Switch Mode**" to the AP Connection Mode page.



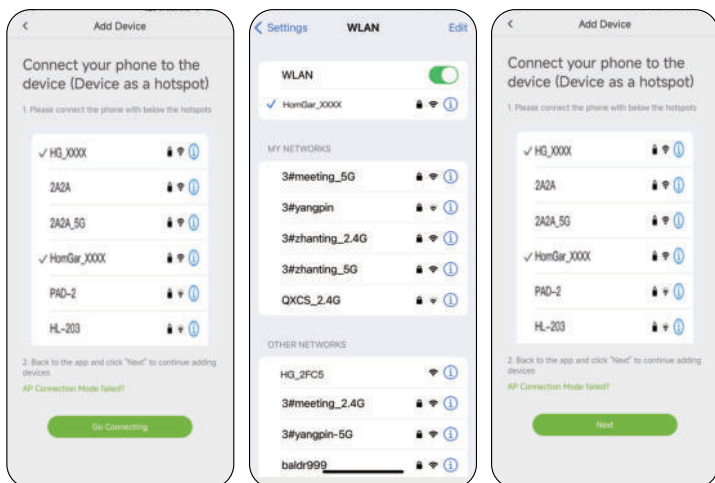
- d. Press the Wi-Fi button for 5 seconds until the Wi-Fi LED flashes quickly, then press **"Next"**.



- e. Press the Wi-Fi button for 5 seconds until the Wi-Fi LED flashes slowly, then press **"Next"**.



- f. Connect your phone to the device's Wi-Fi.



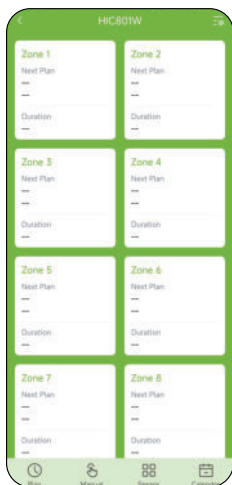
- Tap **"Go Connecting"** to connect the phone to the **"HomGar\_XXXX"** Wi-Fi network. Please REFRESH your Wi-Fi networks if you can not find **"HomGar\_XXXX"**.
- Select **"HomGar\_XXXX"** Wi-Fi, then tap "**←**" back to app.
- Tap **"Next"** to continue.

**Note:** Please check if your phone is connecting to 2.4 GHz Wi-Fi before you connect to the **"HomGar\_XXXX"** network and please disable the dual-band router's smart connect setting. Decline your phone Wi-Fi Assistant to switch you to a better Wi-Fi network when similar Tips pop up. Please refresh your Wi-Fi NETWORKS if you can not find the 2.4 GHz Wi-Fi.

g. Auto pairing.

The irrigation controller will auto connect the Wi-Fi.

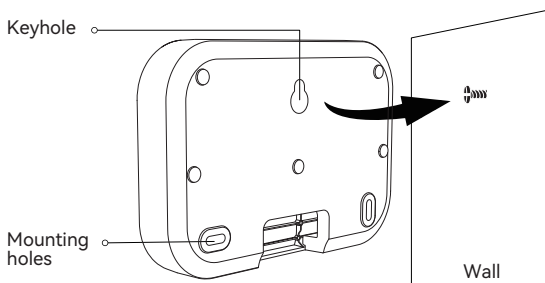
If successful, the LED of Wi-Fi in the controller will always on, and the app will show as right.



## 3.3 Irrigation Controller Installation

### 3.3.1 Controller Installation

Mount the screw on the wall and hang the irrigation controller from the screw. If necessary, use the included expansion bolts. After confirming the installation position, use another screw to install through the mounting hole at the bottom of the controller.

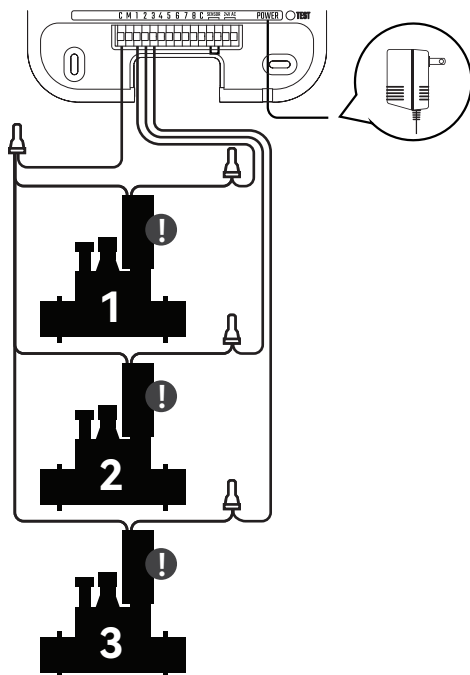


**Note:** Please install the irrigation controller near the adaptor or near the Wi-Fi router to ensure the good connection.

### 3.3.2 Valve Connection

Strip the appropriate length of insulation from each wire and connect the wires on the valve to the zones, one to the **C** wire and the other to the zones.

Connect the wires from the transformer to the **AC** terminals, or power the irrigation controller by **AC** adaptor included.



When connecting the valve, please confirm whether the type of valve you purchased matches that of HIC801W.

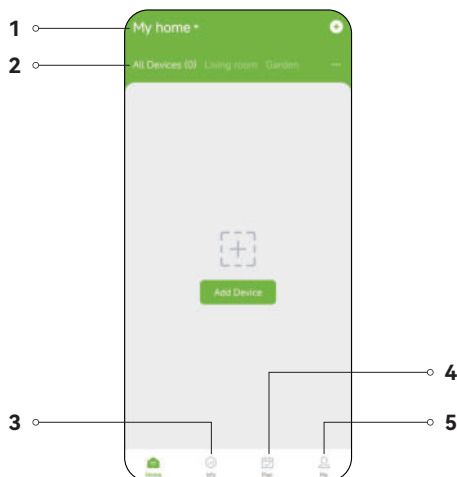
| TYPE                    | SPECIFICATION | SUPPORT IN-PLACE DETECTION | USABLE |
|-------------------------|---------------|----------------------------|--------|
| AC solenoid valve       | AC: 24V       | √                          | √      |
| DC latch solenoid valve | -             | ×                          | ×      |
| AC motor valve          | AC: 24V       | ×                          | ×      |
| DC latch solenoid valve | -             | ×                          | ×      |

**Note:**

- Each zone can only be connected with one wire.
- If there is a main valve, please connect the wires to the **C** and **M** zone on the left side of all zones.

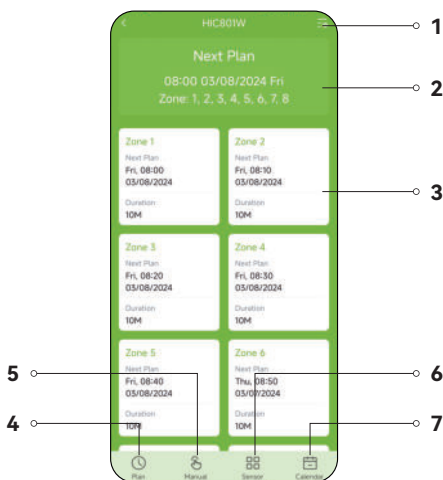
## 4. App Features And Functions

### 4.1 APP Overview



1. **Home management:** Rename your home, add or delete home members.
2. **All devices:** Check the devices you add.
3. **Info:** Check weather of your location and realize smart irrigation after adding valves.
4. **Plan:** Check the all the irrigation plans you set.
5. **Me:** Include the "Home Management", "Event", "Help& Feedback", "Third-party Voice Service", "Settings" and "About".

## 4.2 Irrigation Controller Homepage



1. **Setting:** Basic setting of irrigation controller
2. **8 Zones:** Check the information of single zone
3. **Next plan:** Check the next irrigation plan for 8 zones
4. **Plan:** Set or manage the irrigation plan
5. **Manual:** Set manual watering plans for 8 zones
6. **Sensor:** Check and control the information from sensors
7. **Calendar:** Check all date irrigation plan for different zones

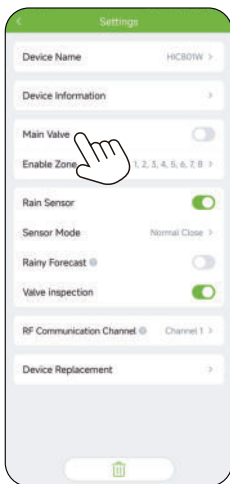
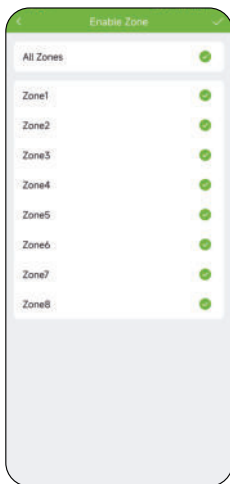
## 4.3 Basic Setting

Press **"Setting"** to enter into basic setting. Basic setting includes device name and device information.



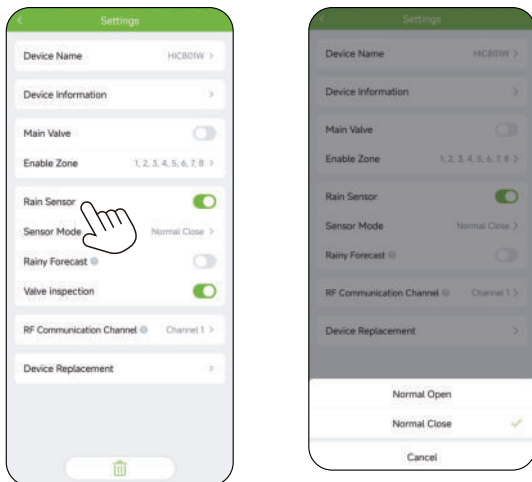
### 4.3.1 Enable Zone

Turn on **"Main Valve"** or **"Enable Zone"** to select the zone need to irrigate.



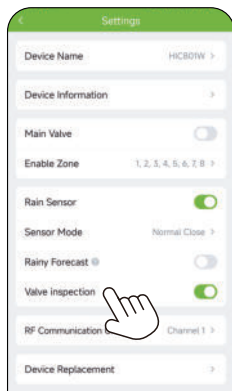
### 4.3.2 Sensor

After connecting outdoor rain sensor, turn on "Rain Sensor" and select "Sensor Mode".



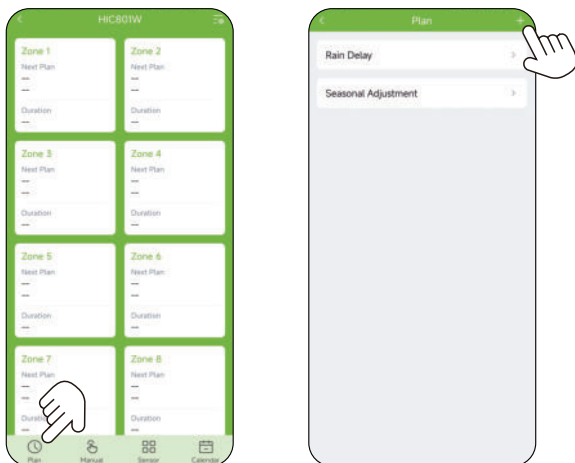
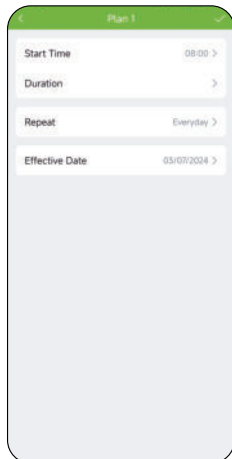
### 4.3.3 Valve Inspection

**Solenoid valve detection:** After the device is connected to the valve, enable the in-place detection function to check whether the connection is correct. The green light is displayed correctly, and the red light is displayed incorrectly.

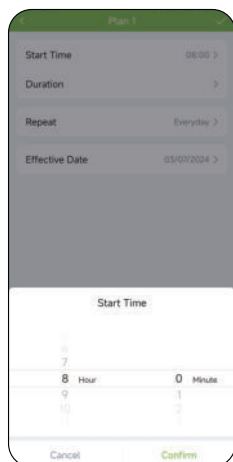


## 4.4 Plan Setting

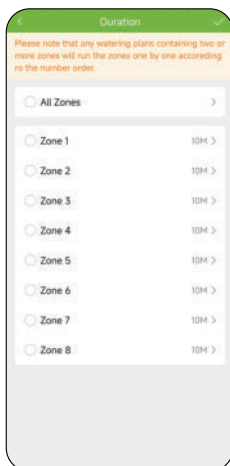
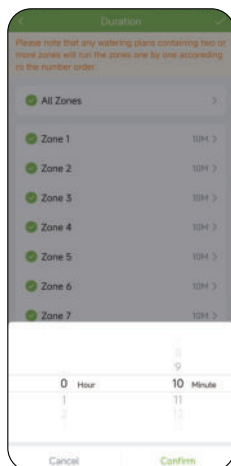
- a. Press **"Plan"** to enter into plan page, press **+** to set up plan.



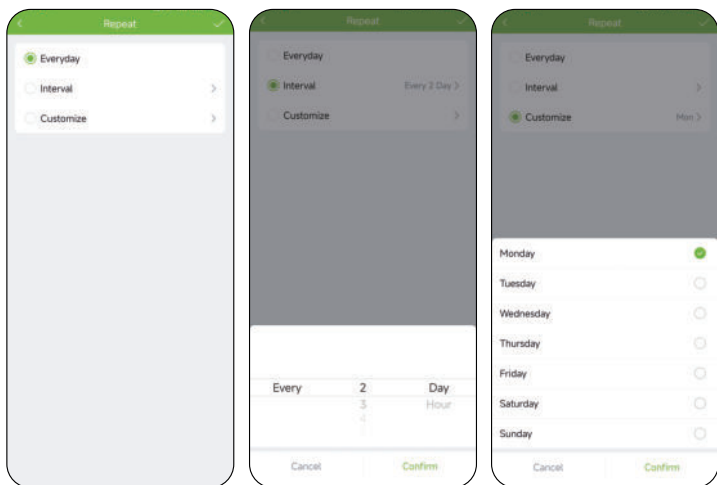
- b. **Start time:** Set daily irrigation start time.



- c. **Duration:** Set different irrigation duration for different zone.

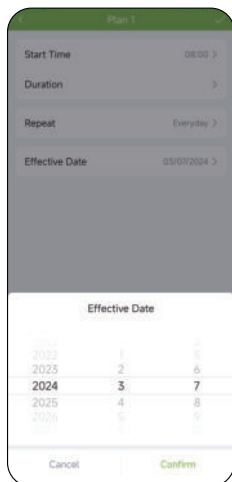


- d. **Repeat:** Set irrigation frequency from everyday, interval or customize.



**Note:** Only one repeat mode can be chosen. When the interval is in hour, each zone can only be set one plan. In other repeat mode, each zone can be set 8 plans.

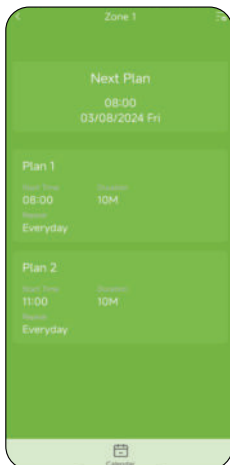
- e. **Effective Date:** Select the day to function the plan.



## 4.5 Single Zone Setting

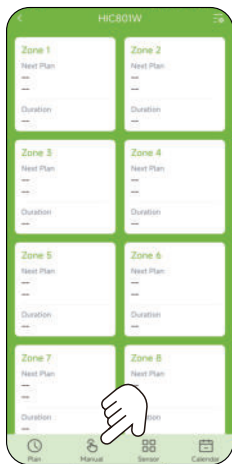
**Zone Information:** Press any zone to check the plan information.

**Zone Setting:** Press  on individual zone and enter into zone setting.

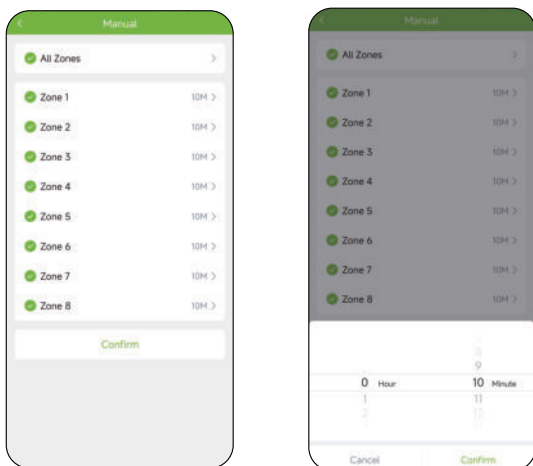


## 4.6 Manual Watering Setting

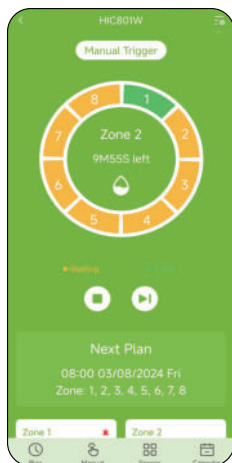
- Press "**Manual**" and enter into manual watering setting.



- b. Select zone and set the watering duration.



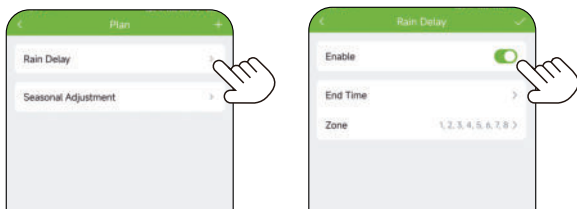
- c. After setting, you can press ► to switch irrigation zone, or press ■ to stop irrigation.



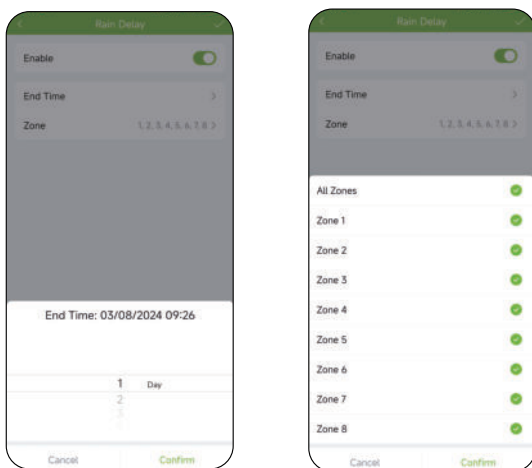
**Note:** When you turn on manual watering, if there is a plan running or a plan will start during your manual watering time, it will skip that plan.

## 4.7 Rain Delay Setting

- a. Select zone and set the watering duration.



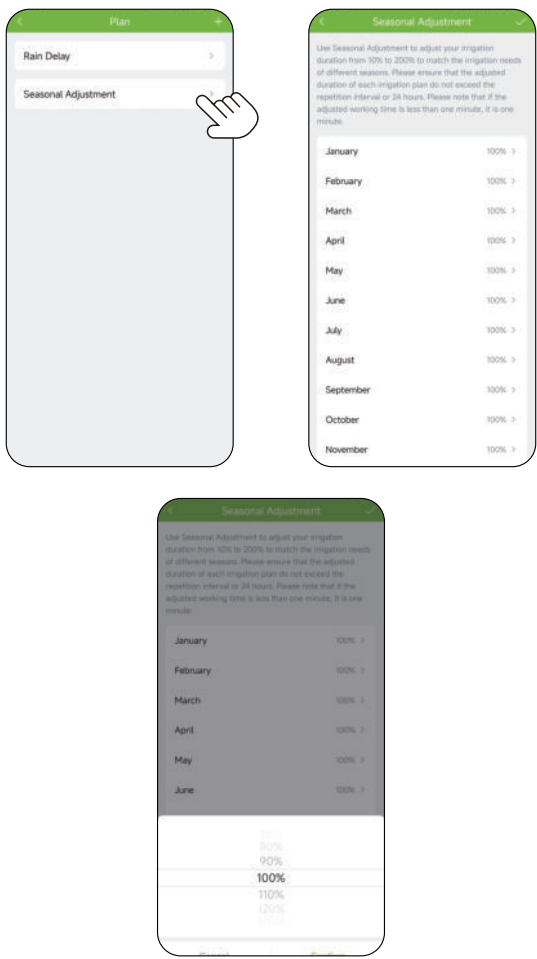
- b. Select the rain delay time and delay zone.



**Note:** Rain delay applies to rainy days or other weather that causes high soil moisture. During the rain delay, the timer stops watering. After the rain delay is over, the timer will be executed according to the next watering plan.

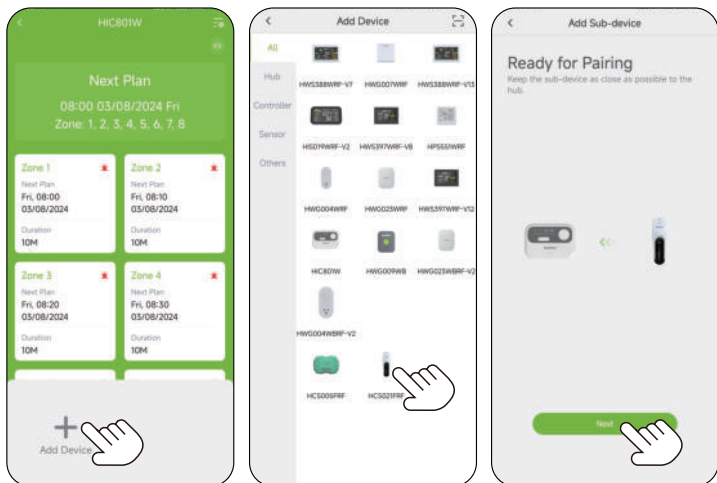
# 4.8 Seasonal Adjustment

Seasonal adjustment for more seasonal environmental conditions, adjust your irrigation time (range: 10%-200%) to meet your irrigation needs in different seasons.

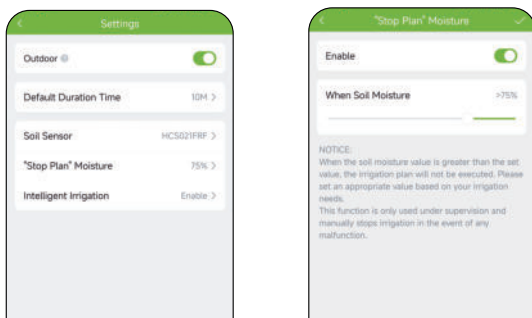


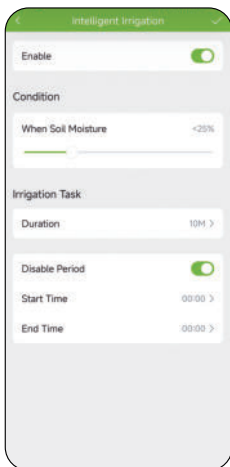
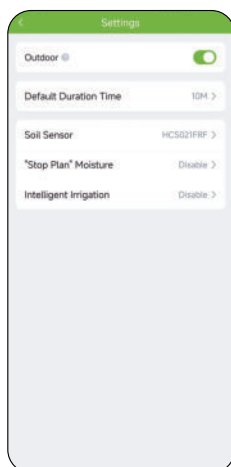
## 4.9 Sensor Adding

- a. Add and pair the soil sensor.



- b. Set "Stop Plan" Moisture and Intelligent irrigation when soil moisture reaches the setting value.

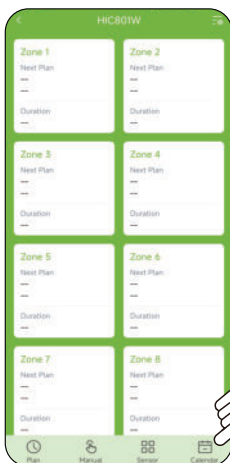
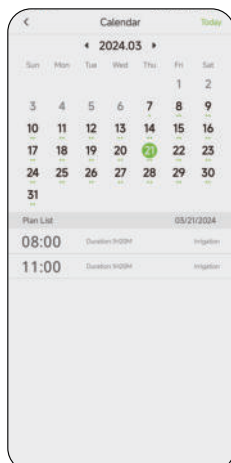




**Note:** Need to purchase and pair RainPoint Smart soil sensor "HCS021RFR" to use this function.

## 4.10 Calendar

Press "Calendar" to check all date irrigation plan for different zones.



## 5. Troubleshooting

| Problems                   | Possible Factors                                                                                                                     | Solution                                                                                                                                                 |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Controller disconnection   | <ul style="list-style-type: none"><li>• WiFi signal is not stable.</li><li>• Far away from Wi-Fi or too much interference.</li></ul> | <ul style="list-style-type: none"><li>• Try to connect again.</li><li>• Move the controller near Wi-Fi.</li><li>• Keep away from interference.</li></ul> |
| Unable to open valve       | Wire at the connection is loose.                                                                                                     | Tighten the screw and tighten the wire.                                                                                                                  |
| Plan doesn't start in time | The rain delay function is activated.                                                                                                | Check if the rain delay function is set.                                                                                                                 |

## 6. Precautions

- Make sure to connect 2.4GHz band Wi-Fi.
- Tighten the screws when installing it on the wall.

## 9. Customer Support

If you find it difficult to set up and want to watch the setting tutorial video, please subscribe to our channel RainPoint on YouTube.



Or scan the QR code to visit the RainPoint channel on YouTube quickly.

If the app and the user manual don't have what you're looking for, and need some help about Rainpoint, please contact us by

**LOT NO.:** XXXXXX (on the back of the device)



Points de collecte sur [www.quefairedemesdechets.fr](http://www.quefairedemesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil !

## **Need Help ?**

Scan the QR code for more help.



or Email:

**[support@rainpointonline.com](mailto:support@rainpointonline.com)**

## 6. Warranty Policy

**RainPoint** provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship. You can get an extra two years of extended warranty by registering your product on our website [www.rainpointonline.com](http://www.rainpointonline.com).