

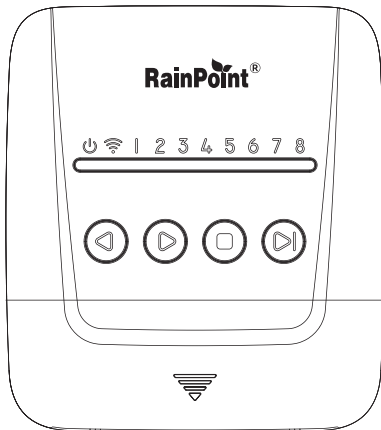


RainPoint[®]
More Than Water Saving

User Manual

8-Zone Wi-Fi Irrigation Controller

Model: TTC819W

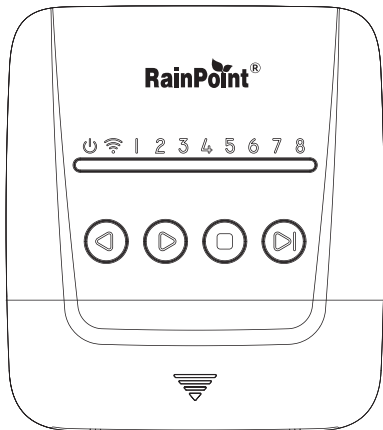


* Please keep this manual for reference.

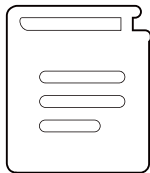


Work in 2.4GHz Wi-Fi
and dual-band Wi-Fi signal.

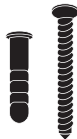
WHAT IN THE BOX



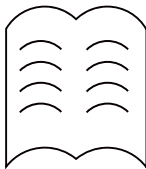
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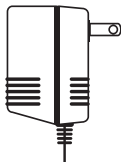
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E

A. TTC819W 8-Zone Wi-Fi Irrigation Controller

B. Quick Guide

C. User Manual

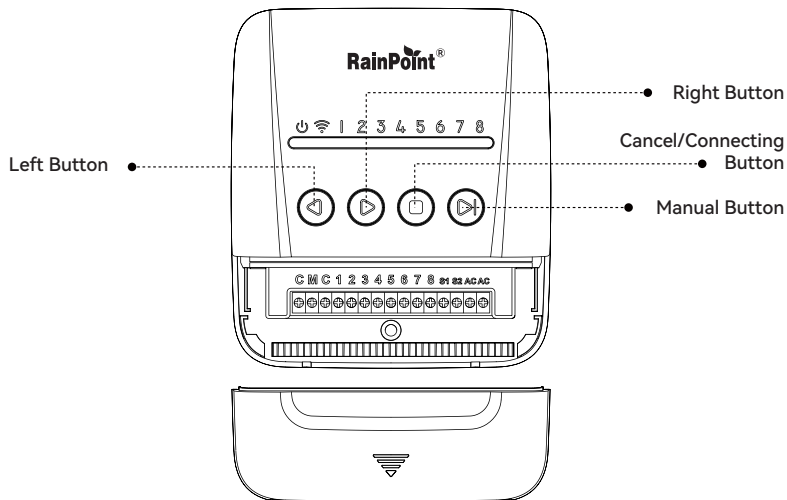
D. Screws and Expansion Bolts

E. Transformer

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1.INTRODUCTION

1.1 Product Overview



Button Function Introduction

- **Left Button:** Move the indicator to the left.
- **Right Button:** Move the indicator to the right.
- **Cancel/Connecting Button:**
Press to cancel the running plan, hold to enter connection mode.
- **Manual Button:** Press to turn on the selected valve or close the running valve.

1.2 Specification

- Transformer Input 120/240V 60/50Hz
- Transformer Output 24V AC 0.8A
- Controller 24V AC
- Working Temperature 37–122° F (3–50° C)
- Storage Temperature 4–122° F (-10–50° C)
- Maximum control 8 valves and support one extra master valve
- Two Sensor Terminals
- **Max input: 10W**

1.3 Product Features

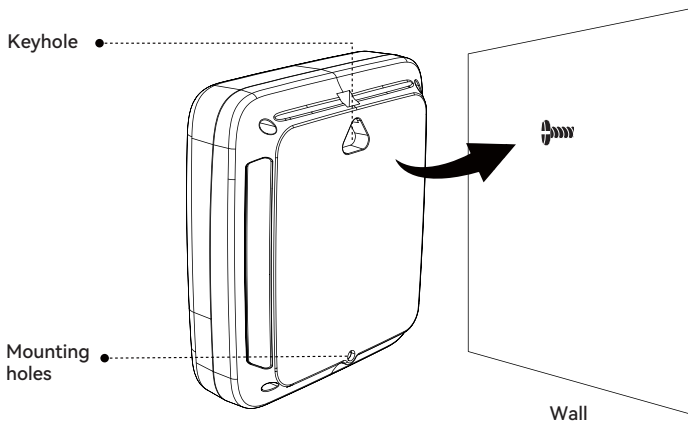
- Maximum control eight normal valves and one master valve
- Can pair with 2 sensors
- Clear indicators and buttons, easy operate on the product
- Manual watering on both the product and the APP
- Each of the 8 valves can be set with a different manual schedule through the APP
- Weather forecast on the home page of the controller
- Remotely track how the valve works
- Whole watering calendar
- Smart weather setting by temperature and wind speed

2. Installation and Connection

2.1 Installation

2.1.1 Controller Mounting

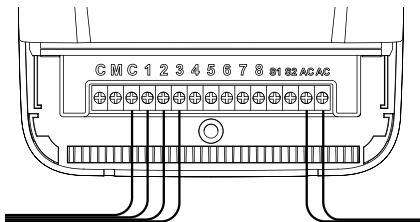
Install a screw into the wall and hang the controller on the screw. Use the included expansion bolts if needed. After confirming the mounting position, use another screw to install through the mounting hole at the bottom of the controller.



Note: Please find an appropriate place close to the power and has a good Wi-Fi signal to keep the connection well.

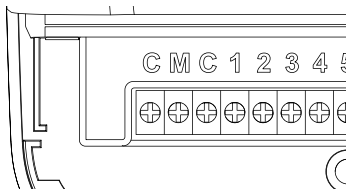
2.1.2 Wires Connection

Strip appropriate length of insulation from each wire, then attach the wires on valves to the terminals, one to the C wire and the other to the number terminal. Attach the wires from the transformer into AC terminals.



Note:

1. Each number terminal can only connect with one wire.
2. If there is a master valve, please attach the wires to the C and M terminals on the left side of all the terminals.



2.2 Connection

2.2.1 Download the APP



Setup Video



Customer Support

Tips: Please scan the QR code or search the link to access the Setup video or Customer Support to install the device quickly and easily.



Setup video: www.rainpointonline.com/pages/support-support-videos

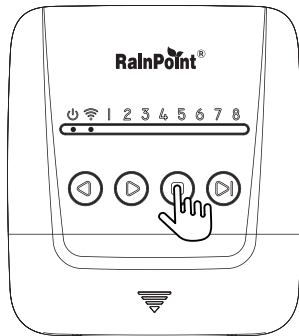
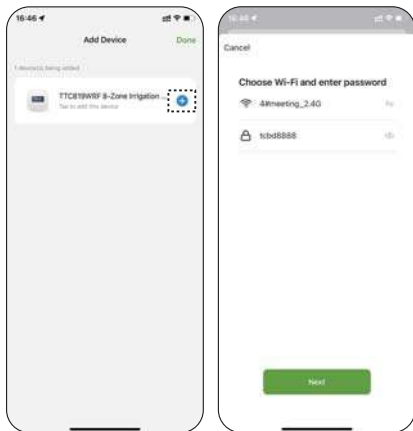
Customer Support: www.rainpointonline.com/pages/support

2.2.2. Add Device

a) After account created, in the home page of the APP, click the plus button on the top right corner to search and add devices.

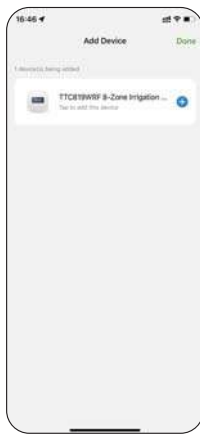


b) Hold the  button on the controller until the  indicator start quick flashing, which mean connection mode and check the APP.



c) Click the add button on the right and then enter the Wi-Fi information to connect.

d) Click Next and wait for connection.



3. APP Introduction

3.1 APP Home Page

Local Weather Forecast

Get your local weather forecast from website to realize intelligent watering.

All Devices

A check list of all the devices you have connected. Tap to enter the operation page of devices you have added to program the operation schedule of the device.

Scene

On the "Scene" screen, there is "Tap-To-Run" and "Automation" functions. You can automate multiple smart products by setting conditions and tasks.



Home Management

You can locate your home, customize the home name and add family members. It is convenient for you to manage irrigation schedules for different residences.

Add Devices

You can add multiple RainPoint devices on the APP to create a smart home irrigation system.

Room Management

Room Management is for indoor automatic irrigation system in different room.

Me

On the "Me" screen, there is "Message Center" and "FAQ & Feedback" functions. You will receive water leak and low battery alerts on "Message Center". And you can get FAQ and report issue on "FAQ & Feedback".

3.2 Device Home Page

Select the 8-Zone Irrigation Controller to go to the device home page. There are many data and functions as following:



- 1** Current Working Status
- 2** Local Weather and Temperature Report
- 3** Quick Runs: Manual Watering Function
- 4** Last Irrigation Plan: Date, time and duration of the last watering

3.3 Manual Watering

On the APP, there are two options on the APP to manually turn on the valves:

Option 1: Water All Zones







Select the option on the device home page and then set up a watering duration to run all of your valves.



Option 2: Water Specific Zones

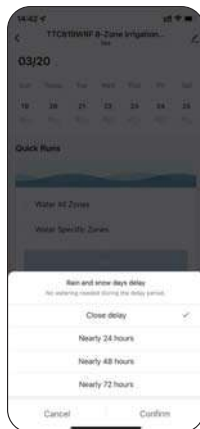
Select the option on the device home page, then select the specific zones you would like to run and also set the watering duration for each zone.

You can also manually run your valves on the device itself.

- a) Press  button to light up zone 1. The indicator will start flashing.
- b) Use  button and  button to switch selection, and press  button to run the selected zone. Each indicator will flash twice and if there is no operation during flashing, the indicator will turn off.
- c) During watering, press  button or  button to stop plan and turn off the valve.

3.4 Rain Delay

The rain Delay function is an excellent choice for rainy days to avoid over-watering. When there is rain, after setting up a delay period, all the watering plans in the set period will skip but resume work once the delay is off.

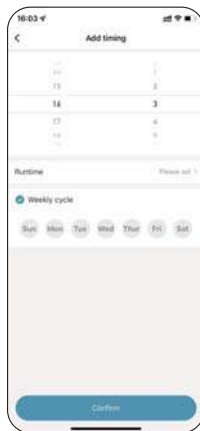


3.5 Watering Plan

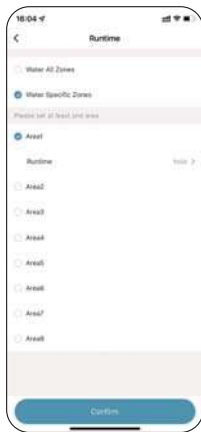
a) Press the second icon at the bottom to go to the watering plan setting page, and then press add button to create a new watering plan.



b) Select the Normal Timer and set the start time, runtime, and weekday frequency.



c) In the runtime, you can choose to plan all the zone together, or run specific zones.



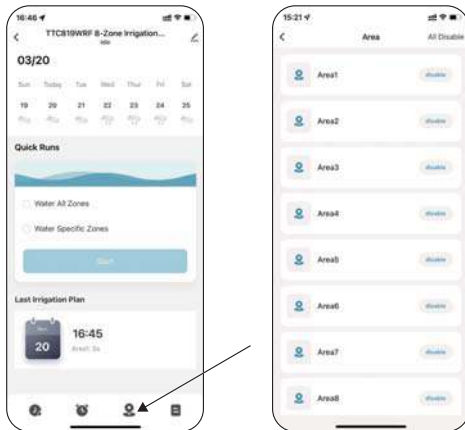
d) Select the weekday to run the watering plan. Select weekly cycle to run the schedule every week.



Note: When running the plan, all the zones will run one by one in the order of zone number, not run all together.

3.6 Areas Disable

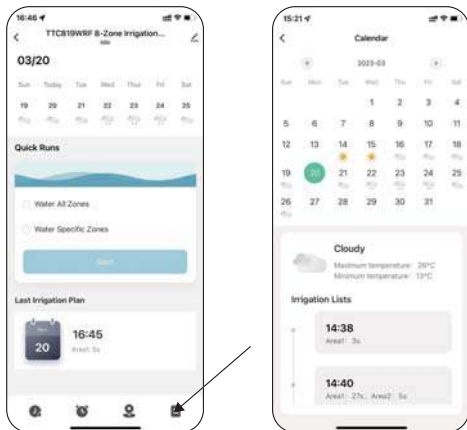
Press the third icon at the bottom to disable the area that you do not want to run.



Note: The disable area function is only works for plan setting on the APP. It will not affect to the manual ON or OFF that setting on the controller.

3.7 Irrigation Calendar

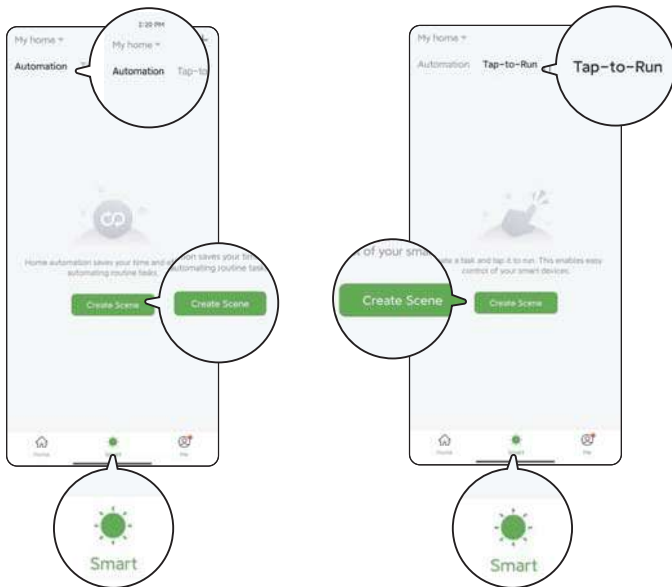
Press the last icon at the bottom to view the calendar, last 7 days and next 7 days weather information, and irrigation lists.



3.8 Smart Automation

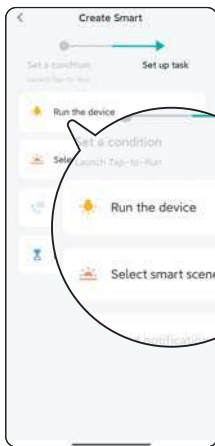
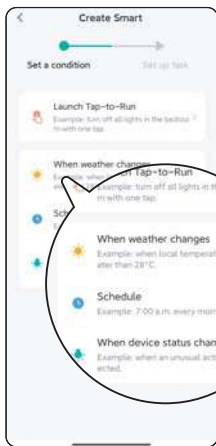
3.8.1 Automation & Tap-To-Run

Automation means the devices can execute automatically according to the set conditions such as the local weather, device status and time. Tap-To-Run means you can control multiple devices and plans with one tap.



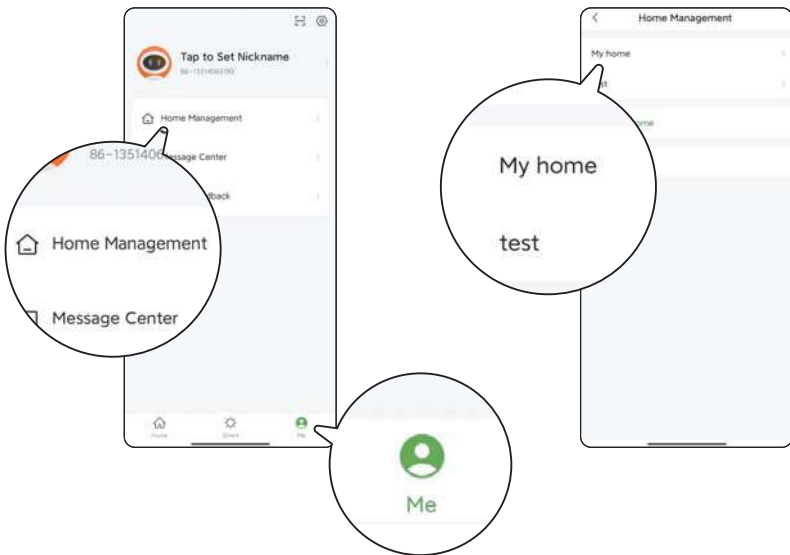
3.8.2 Steps To Set Automation Or Tap-To-Run

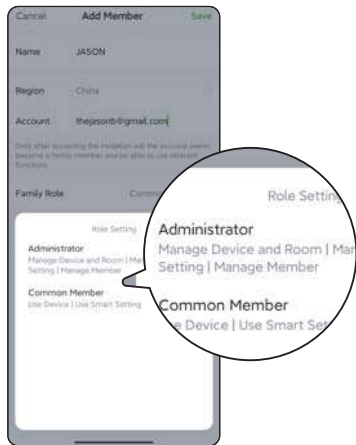
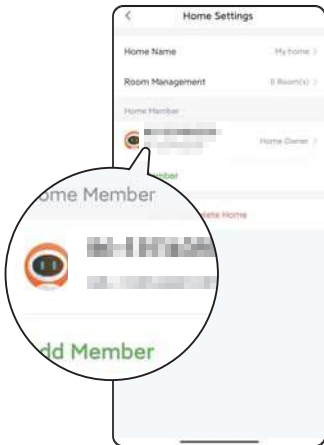
1. **Set a condition:** According to your needs, set the conditions for automation or Tap-To-Run.
2. **Set tasks:** Set the tasks that the device needs to perform when the conditions are met.
3. **Save the settings:** The device will automatically execute according to what you set.



3.9 Home Management

1. Tap Me at the bottom of the APP home screen.
2. Select Home Management.
3. Set your home name, room management and home location.





3.10 Rain Sensor

Connect an optional Rain Sensor to the Controller

1. Remove the cover of the controller.
2. Remove the jumper wire from the sensor terminals marked S1 S2.
3. Connect the two wires from the sensor to the S1 S2 terminals.

Note:

1. Do not remove the jumper wire unless connecting a rain sensor. The timer will not function if the jumper wire is removed when no rain sensor is connected.
2. If a rain sensor is connected, when it detects raining, **A.** delay all the plan or manual watering until it detects no rain. **B.** if there is a watering schedule running right now, then this schedule will keep finishing and delay the next schedules.

4. Troubleshooting

Problem	Possible Factors	Solution may help
Controller disconnected	<ul style="list-style-type: none">• The Wi-Fi signal is not stable.• Too far away from Wi-Fi or receiving too much interference.	<ul style="list-style-type: none">• Try to connect again going through the connection guide.• Move the controller to a new place with a better Wi-Fi signal. Better to keep less things that block signals.
Plan not executed on time	Rain delay function is activated.	<ul style="list-style-type: none">• Check if the rain delay is set.• Check if there is an automatic rain delay are set in the smart automation function.
Cannot open the valve	Loose wire at the connection.	Tighten the screw to tighten the wire.

5. Notes

- Please make sure to use 2.4GHz band WiFi to connect to this product.
- Please tighten the screws when mounting on the wall.

6. Warranty

RAINPOINT provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

7. FCC Statement (FCC ID: 2AWDBTTC819W) -----•

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:

- This device may NOT cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

8. 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.



Please 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 you need some help, please prepare the Model NO. and LOT NO. of your device and contact us before returning the Rainpoint to the store.

Email: support@rainpointonline.com

Model NO.: xxxxxxxxxx (On first page of the user manual)

LOT NO.: xxxxxxxxxxxxxxxxxx (On the label)



Made in China



Points de collecte sur 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