

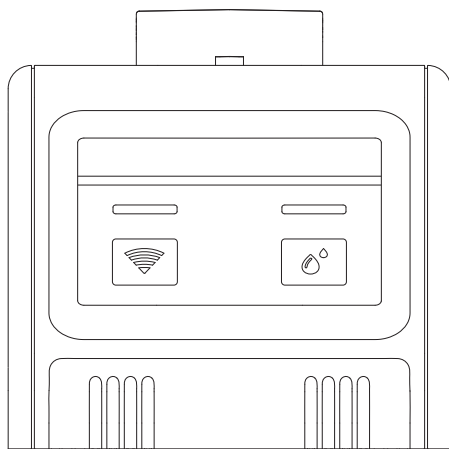


RainPoint®
More Than Water Saving

USER MANUAL

WIFI AUTOMATIC WATERING PUMP KIT

Model No. TTP106W



| Customer Support |



Email

service@rainpointonline.com



Free Hotline

US: +1 833-381-5659 (EN)

UK: +44 800-808-5337(EN)



WhatsApp

+1 626-780-5952

DE: +49 800-182-0576 (DE,EN)

WELCOME TO RAINPOINT

Dear friend,

Thanks for choosing RAINPOINT WiFi automatic watering system!

Your satisfaction as a RAINPOINT customer means everything to us.

Before using this unit, please read these operating instructions carefully, take special care to follow the warning and safety suggestions. If you have any questions or problems while using our product, please get in touch with our customer service and your problem will be solved within 24hrs.

Contact on Amazon: Click on “ **Ask a question**”

Web: www.rainpointonline.com

Email: service@rainpointonline.com

Whats App: +1626-780-5952

US Free Hotline (English): +1 833-381-5659 (Mon-Fri: 9:30 AM-5:30 PM PST)

DE Free Hotline (English/Deutsch): +49 800-182-0576 (Mon-Fri: 9:00 AM-5:00 PM CET)

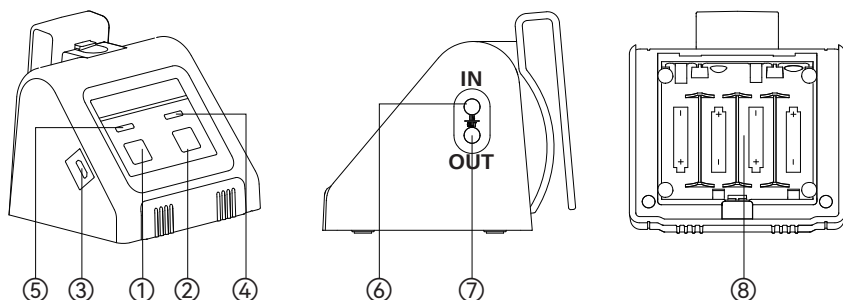
UK Free Hotline (English): +44 800-808-5337 (Mon-Fri: 9:00 AM-5:00 PM CET)

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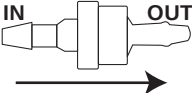
PRODUCT OVERVIEW

1. PRODUCT APPEARANCE



NO.	NAME	FUNCTION
①	WiFi Button	Pair WiFi or reset
②	Manual Button	Manual or pause watering
③	USB Port	Powering and wifi connection
④	Watering Indicator Light	Indicates the status of watering
⑤	Pair WiFi or power supply	Indicates the status of wifi connection
⑥	Inlet Port	Water conveying from container to pump
⑦	Outlet Port	Water conveying from pump to plants
⑧	Battery Compartment	Power supply

2. PACKAGE INCLUDES

ACCESSORIES INCLUDED	NAME	PCS	FUNCTION
	USB Cable	1	Pair WiFi or power supply
	Tubing	1	Len: 10m/32.8 Ft Inner diameter of pipe: 0.17"(> 1/6") Outside diameter of pipe: 1/4"
	Filter	1	Filtering impurities from water
	Tubing End Caps	3	Stop water flow at the end of the pipe
	Micro Drip Emitters	10	Inserted into the soil to water the plant root directly
	Straight Barb Fitting	3	Connecting water pipes
	T Barb Fitting	10	Split water and connect pipes
	Cross Barb Fitting	3	Split water and connect pipes
	Detachable Hook	1	Put it on the timer to make the timer hangable
	Switch Valve	10	Adjust or shut off the water flow in tubing runs
	Anti-siphon device	1	Prevents water from flowing after the pump timer is turned off. Please install according to the direction of water flow.

3. SPECIFICATION

WATERING FREQUENCY	0-23 Hrs 59 Mins or 1-7 Days
WATERING DURATION	20- 59 Sec or 1- 30 Mins
WORKING PRESSUR	0.3Bar
WATER FLOW	30 L/H
WATER PROOF	IPX2
PUMPING HEAD	2-3m
PUMPING DISTANCE	2-3m
MAXIMUM WATER PRESSURE	≥200kP
WORKING TEMPERATURE	3°C to 50°C (37°F-122°F)
POWER BY	USB cable (included) or 4*AA batteries (excluded)
MATERIAL	ABS
HOW LONG WATERING DURATION	20s - 30min
HOW OFTEN WATERING FREQUENCY	1h -23h or 1days - 7days
DELAY DELAY THE WATERING PLAN	1h - 24h

SIMPLE TO PAIR WiFi

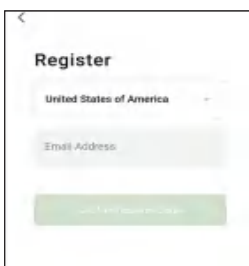
1. INITIAL RAINPOINT APP SETUP

RainPoint-Tuya



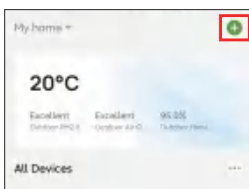
- 1) Search for **"RainPoint-Tuya"** and download Android version or iOS version App for free. Or scan the QR code to download RainPoint-Tuya APP.

- 2) Create an account and log in or login with an existing account to begin pairing with Wi-Fi water pump.

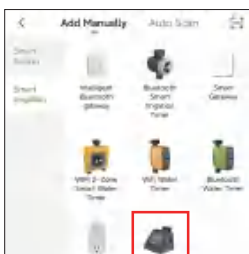


2. PAIR THE WATER PUMP

- 1) Click the button **Add Device** or **+** on the home page of the APP.

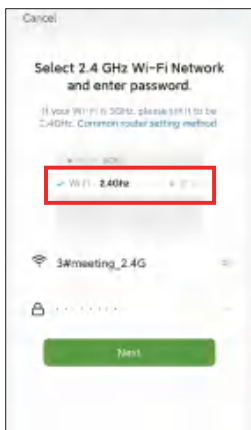


- 2) Choose **"Add Manually"** and **"Smart Irrigation"**, and then click then click **"Wi-Fi Water Timer with Pump"**.

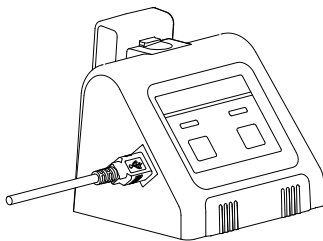


3) Select 2.4GHz Wi-Fi Network and enter the password. Then click **"next"**.

Note: Rainpoint Wi-Fi water pump only pairing with a 2.4GHz Wi-Fi, for a dual-band router, please independently enable 2.4GHz WiFi band and name it differently from 5GHz WiFi band. Please click and follow the **"Common Router"** Setup Methods to separate them .

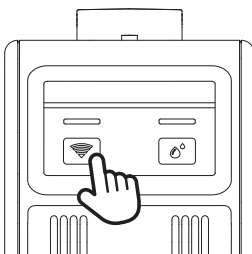


4) Always powered by USB cable (Included) for wifi connection and remote control. 🌱



Light flashing guide	
Powered up and not paired	Flashes quickly(once a second)
Powered on and no network	Flashes slowly (once every 2 seconds)
Powered on and paired (Network connected)	Flashes always on

5) Press and hold **5 seconds** of  Wi-Fi button until the **indicator light blinks once per second**.



- 6) Powered the pump with a USB cable and follow the instructions on the APP to reset first . Then click "  " to confirm the indicator rapidly blink and click **"Next"** to enter the pair mode.

Note:

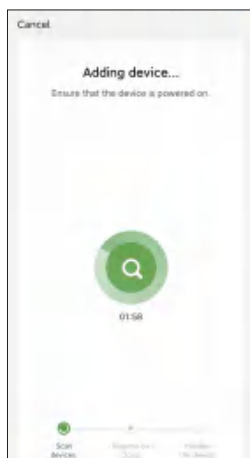
- Pairing Wi-Fi and accessing APP requires high current support , so make sure the USB cable is powered on before pairing.
- Press and hold  button until the indicator light blinks quickly.



- 7) Wi-Fi pairing requires about 1-2 mins, once the device is paired successfully, the APP will show **"Device added successfully"**.

Note:

- You can customize the name of the device as required.
- If you have not been able to pair for over 2 mins, please go to page 6 and follow the instructions to fully reset the device and start pairing again from the beginning.



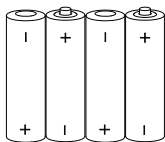
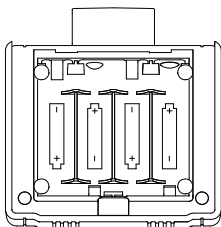
After pairing, you can remotely manage multi-watering plans, notifications will be sent to APP when **"Automatic"** watering plans are active or pump is out of water. It's perfect to take care of your potted plants when busy with chores or away on vacation.

We recommend using a USB cable for the power supply when a plug is available. If there is no plug at the place where you need to use the water pump, please take the water pump to the place where there is a plug to match the APP first, and then take it to the use position to use the battery power supply.



EASY TO INSTALL

1. INSERT 4*AA 15V ALKALINE BATTERIES



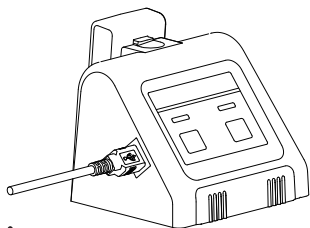
The battery power supply is only suitable for timed watering and manual watering that have been set to run, and cannot be remotely controlled.

- 1) Remove the battery tray back of the pump.
- 2) Insert 4 brand new AA (1.5V) alkaline batteries (not included) as the marked "-", "+" direction.
- 3) Firmly reinstall the battery cover back into the pump.
- 4) Once the pump is powered on, the indicator will light up when you press  button.

Note:

- Firmly restore the battery cover to ensure water resistance.
- When it is idle, please remove the battery and store it properly.
- Used up batteries must be removed from the pump.
- Do not dispose of batteries in a fire, which may cause them to explode or leak.

2. PLUG IN THE CABLE OF THE USB PORT



WiFi connection and remote control must keep the USB connection powered, otherwise the WiFi the function will not work.

- 1) Plug in the USB cable (included)
- 2) When the power is on, the  indicator will light up.

Note:

- High current supply is required for pairing WiFi and accessing APP, so it is only available in USB cable-powered mode.
- WiFi pairing and APP access are not available in battery-powered mode.
- Battery-powered mode can only support manual watering.
- When both power modes are used simultaneously, it will match the USB cable power first; when the USB cable is disconnected, the battery-powered mode will be activated.

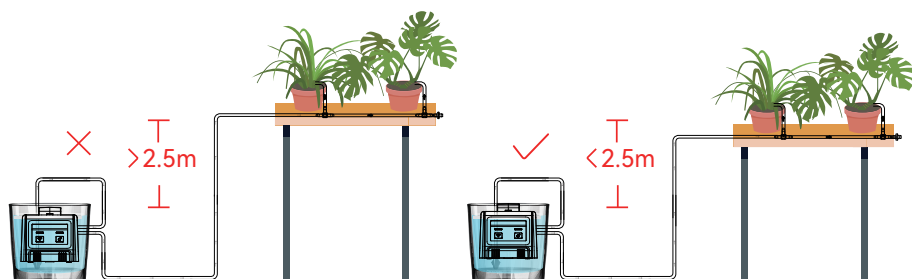
Setting Example

* If want to water your plants for 30 seconds at 9:00am of everyday, please set "HOW LONG" by 30s, "HOW OFTEN" by 1 day and the "DELAY" by 0, set the device at 9:00am. After setting finished, the watering pump timer will work automatically everyday at 9:00am to watering for 30 seconds.

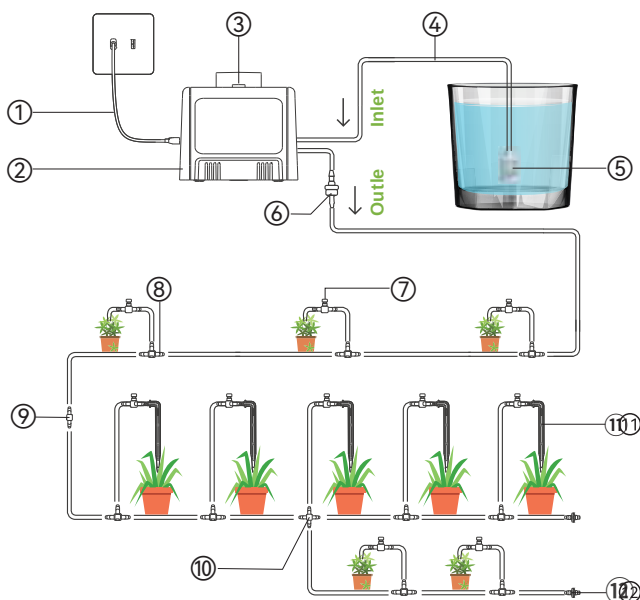
* If now it's 7:00AM, and you want to water your plants for 1 minute at 10:00AM, please set "HOW LONG" by 1min, "HOW OFTEN" by 1 day, "Delay" by 3hours. The first time watering will start at 10:00am, and further watering will start at 10:00AM with 7 day interval.

3. DETERMINE THE CORRECT PLACEMENT

- 1) The lift length of the water pump: the vertical distance of 2-3m, because the water pipe can not be placed 100% straight, we recommend that the height between the plants and pump should not exceed 2.5m.



2) Product Installation



① USB Cable	x1	⑦ Switch Valve	x10
② Pump Timer	x1	⑧ T Barb Fitting	x10
③ Detachable Hook	x1	⑨ Straight Barb Fitting	x3
④ Tubing	x1	⑩ Cross Barb Fitting	x3
⑤ Filter	x1	⑪ Micro Drip Emitters	x10
⑥ Anti-siphon device	x1	⑫ Tubing End Caps	x3

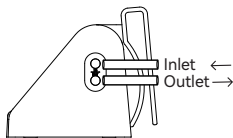
4. CONNECT THE HOSE CORRECTLY



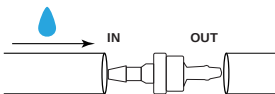
1) Design your watering path, and cut the hose to the required length.



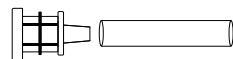
2) Put the head of hose into hot water for 10s or Put a little veggie oil on the end of the hose before connecting.



3) Connect the hose to water inlet and outlet.



4) Install an anti-siphon device on the outlet hose close to the water pump to prevent water from flowing out after the water pump timer is turned off. The anti-siphon device needs to be installed according to the direction of water flow.

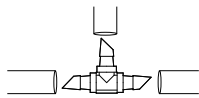


5) Attach the filter to the other end of the water pump inlet pipe and place it in the container.

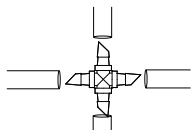


6) Connecting the suitable barb be connected fitting.

- If only the hose needs to be connected, you can use straight barb fitting.



- When you need to connect the hose while splitting to 2 ways, you can use the "T" barb fitting.



- When you need to connect a hose while splitting to other 3 ways, you can use the cross barb fitting.



7) Insert the hose on both sides of the switch valve, rotate the valve can adjust or shut off the water flow in hose runs.



8) When water needs to be delivered to the soil, you need to use the micro drip emitters.

Tips: Loosen the soil first, then insert the drips at least 3 inches deep, which will help water enter the plant roots.



9) Please install tubing end caps after water flows out from the end of the pipe to avoid air in the pipe so that the water cannot flow smoothly to the end of the pipe.

5. INSTALLATION COMPLETED AND TESTED

- 1) Press the  button to activate the pump, then the water will be pumped to your plants.
- 2) Check if there is any leakage in the connection part of the hose. If so, it means no tightening, please keep tightening until no leakage.
- 3) After testing with no usage problems, go to the next step: WiFi pairing and programming plans.

APP INTERFACE OVERVIEW

1. HOME INTERFACE

Weather Forecast

Get the weather data for the town you selected.

Added device(s)

Click on your device then start your irrigation settings.



Add Device

To add multiple Rainpoint smart devices.

Created Home

Customize home names of the different irrigation areas by entering "My Home".

2. IRRIGATION SCHEDULE SETTINGS

Next Irrigation

Countdown for the next irrigation.

Manual Watering Switch

Turn ON/OFF manual irrigation as needed, refer to page to view setting tips.

Automatic Watering Mode

Watering Frequency:
1 hr to 7 days Watering
Duration: 20s to 30 mins.



Device Information

According to your needs to set, please refer to page.

Battery Status

For different battery status, refer to page to view.

Auto Run

Click to start running the schedule you setup.

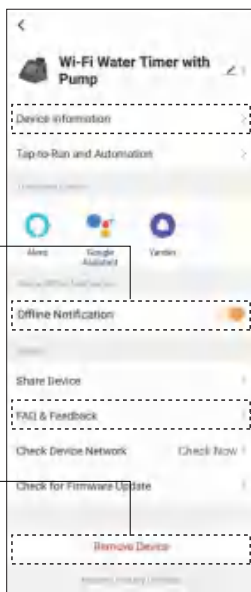
3. DEVICE INFORMATION

Offline Notification

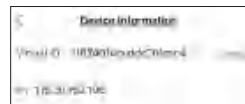
Open: Send a message to APP when device is offline.

Remove Device

Remove the device before resetting it, refer to Page to view.



Virtual ID For Device



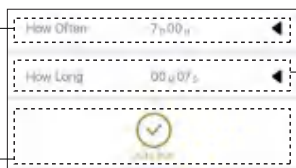
FAQ & Feedback

Asking support and feedback questions.

4. AUTOMATIC WATERING MODE

Step1: Click ◀ to setup watering frequency as your required and "done" it.

Step3: Click  and  and change it to green. Means that your schedule is running.



Step2: Click ◀ to setup watering duration as your required and "done" it.

How often: 0-23 Hrs 59 Mins or 1-7 Days
How long: 20- 59 Sec or 1- 30 Mins

Note: Please remember to activate step 3 after the setup is completed, otherwise the program won't run.

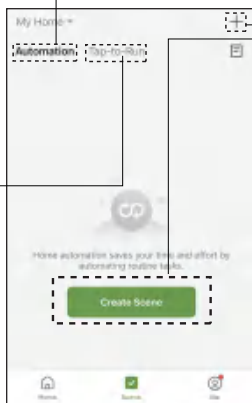
5. SMART FUNCTION INTERFACE

Automation Function

Customize multi-irrigation plans with Meteorological changes.

Tap-to-Run Function

Set and control multiple devices and plans.



Add Watering Plan

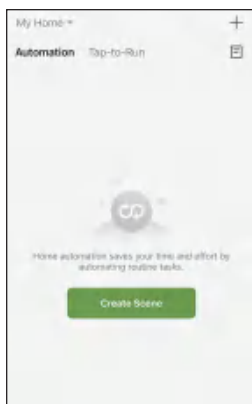
Click to set the conditions and tasks for your plan.

Notice:

- "Automation" and "Tap-to-Run" are different on function and setting. "Automation" is mainly for creating the new smart plan, while "Tap-to-Run" is mainly for easy control on the existing smart plans.
- Make sure your device is always connecting and staying online to run Automation as normal. **Please keep the usb cable connecting on the device to keep the timer online.**
- The "notice" function in automation is ON only if you set it up in task.

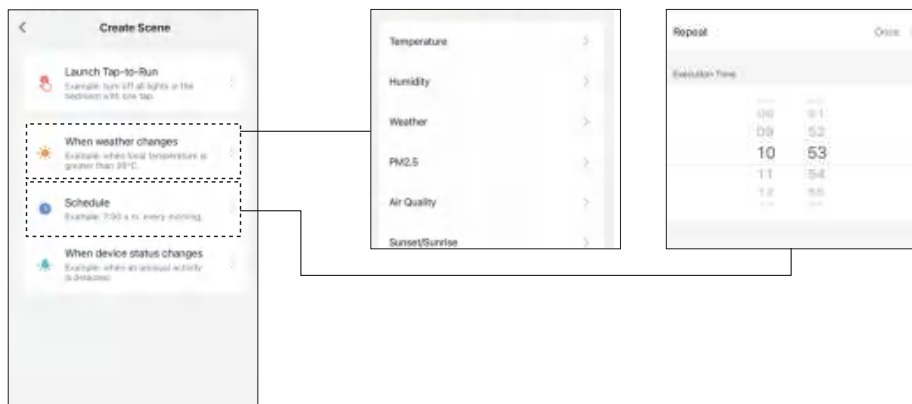
6. SMART AUTOMATION

Automation means the devices can execute automatically according to the set conditions such as the local weather, device status and time.



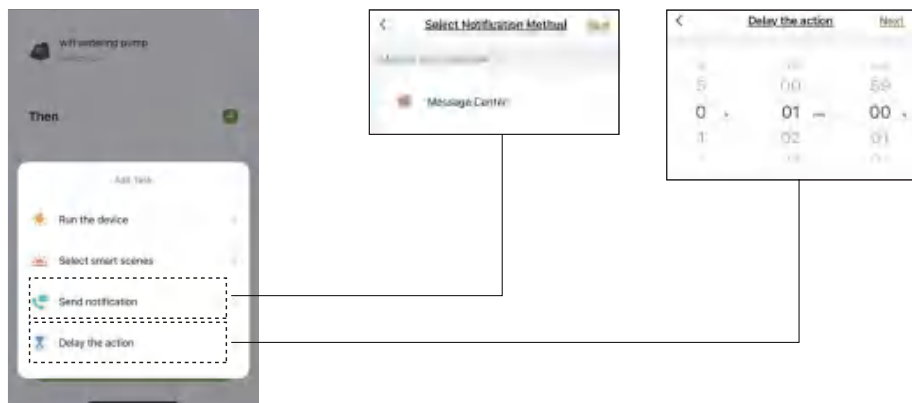
1) Condition Settings

Setup arguments and add conditions as your required.



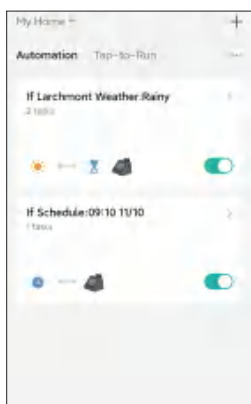
2) Task Settings

Set up tasks as you require, then trigger the task if conditions are met.



3) Save the settings

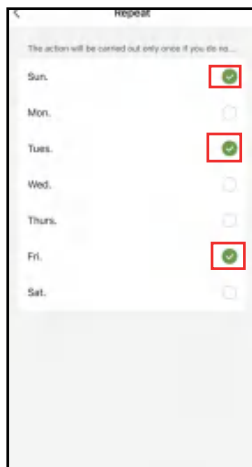
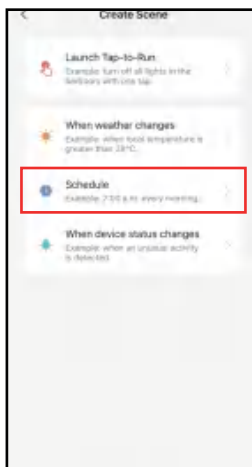
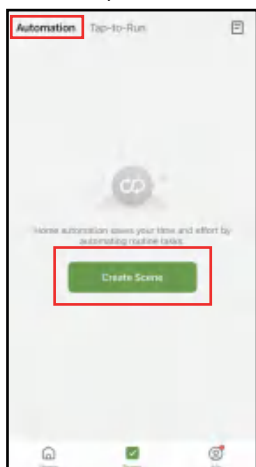
Please remember to save all the settings. The device will automatically execute according to what you set.



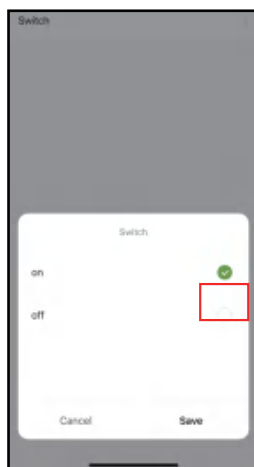
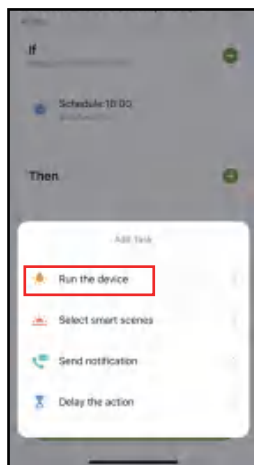
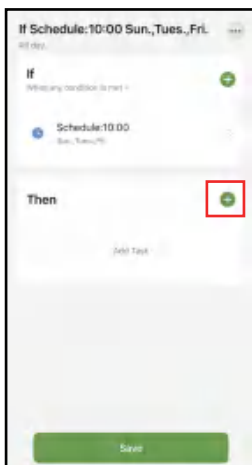
HOW TO SET UP REGULAR WEEKLY WATERING?

For example, set up a 10:00 watering schedule on Tuesdays, Fridays, and Sundays.

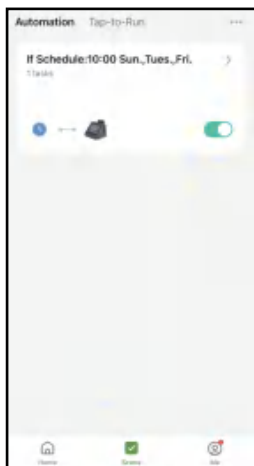
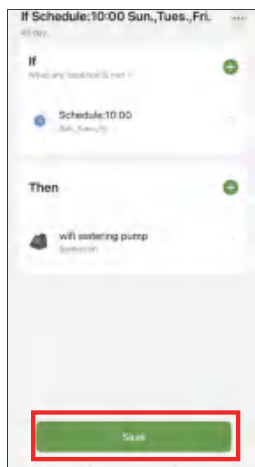
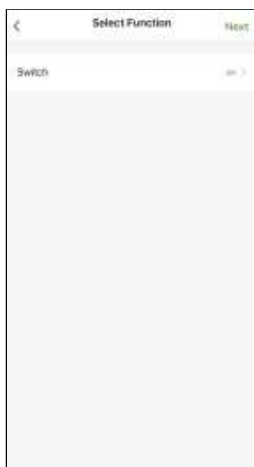
- 1) Tap the "Scene" module on the APP home screen.
- 2) Select "Automation" and then click "Create Scene".
- 3) Select the schedule
- 4) Set the weekly Tuesday, Friday, Sunday repeat time condition (select the cycle time you want to expect)



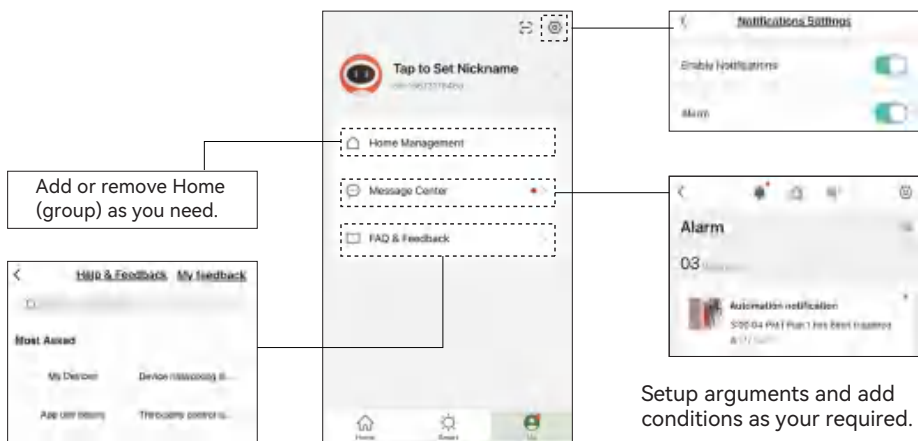
- 5) Tap the + button on the right to add a device
- 6) Select the run the device button
- 7) Select the device
- 8) Tap the on button



- 9) Tap the NEXT button in the upper right corner.
- 10) Tap the Save button
- 11) Weekly plan setup is complete

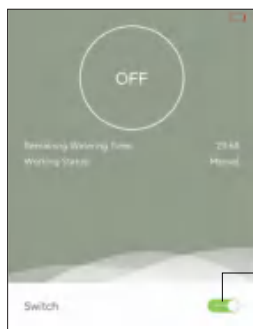


7. PERSONAL DATE INTERFACE



MANUAL WATERING MODE

1. MANUAL OPERATION VIA APP



Click the switch to turn ON / OFF manual watering.

2. MANUAL OPERATION VIA DEVICE



Click the watering button to turn ON / OFF manual watering.

RESET THE DEVICE

- 1) Remove the device and erase the data on the app, then cut off the power (remove the battery and unplug the USB cable).
- 2) Leave the device for about 30-60s.
- 3) Plug in the USB cable, press and hold the WiFi button until the indicator turns to a fast blinking green light, then open the APP to connect.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
WiFi can't be connected	Not in 2.4GHz wifi channel connection.	Reset the router for a 2.4G channel and reconnect.
	Too far between the pump and router, causing the signal unstable.	Move the pump to a closer socket near the router and reconnect.
	Not in the correct connecting mode.	Unplug the USB cable and battery first and wait 10 Sec. Charge the pump with USB cable again, then hold down WiFi button until the indicator light flashes rapidly and enter pairing mode.
Uneven water flow	Too far away from pots and water containers or too long pipes can reduce the pump's pumping efficiency.	The further away from the pump the potted plant, a weaker flow of water will occur. Please hold the first few branches with clamps in order to deliver mainstream water quickly and for a long time.
Hard to insert and remove water pipes	Because of the material, in order to make the pipe more durable.	Put the head of hose into hot water for 10s or Put a little veggie oil on the end of the hose before connecting.
Watering schedule not on time	The lack of water at the inlet resulted in the plan not being implemented on time.	Check if there is a lack of water in the container at the inlet. (If there is a leakage the schedule will not run)
	There is no auto-run schedule set up on the APP side.	Once the plan parameters have been set, the plan will be executed automatically according to the parameters set by checking "Auto Run".
	The water pump unexpectedly lost power and the plan was emptied.	The watering schedule needs to be reset.
If your Rainpoint product does not operate properly after trying the troubleshooting steps, please contact us by phone or email: US: +1-833-381-5659 UK: +44-800-808-5337 DE: +49-800-182-0576 service@rainpointonline.com		

WARRANTY

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

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.

 Support: <https://www.rainpointonline.com/pages/support>

If you can not solve the problem of this time with this manual, please contact us with the LOT NO. of your device. There will be a private service for you.
LOT NO.: XXXXX (on the back of the timer)

US Free Hotline (English): +1 833-381-5659

(Mon-Fri: 9:30 AM-5:30 PM PST)

DE Free Hotline (English/Deutsch): +49 800-182-0576

(Mon-Fri: 9:00 AM-5:00 PM CET)

UK Free Hotline (English): +44 800-808-5337

(Mon-Fri: 9:00 AM-5:00 PM CET)

Email: service@rainpointonline.com

Whats App: +1626-780-5952

FCC Notice

FCC STATEMENT: (FCC ID:2AWDBTTP106W)

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

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Warning: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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 of the following measures:

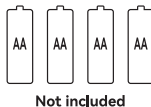
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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's authority to operate the equipment.

EC REP: VIAJE ELECTRONIC COMPANY LIMITED
ADDRESS: E588, 13 ADELAIDE ROAD, DUBLIN, D02 P950, IRELAND
Email: VIAJEELE@OUTLOOK.COM

UK REP: SUJE ELECTRONIC COMPANY LIMITED
ADDRESS: S211 92A BURY OLD ROAD, MANCHESTER, ENGLAND, M45 6TQ
EMAIL: SUJEELECTRONIC@OUTLOOK.COM

Manufacturer/Hersteller/Fabricant/Fabricant/Fabricante:
FUJIAN BALDR TECHNOLOGY CO.,LTD
ADDRESS/ADRESSE/ADRESSE/INDIRIZZO/DIRECCION:
Floor 3, Building 2, No.71 Yangqi Road, Fuwan Industrial Area, Cangshan District, Fuzhou, China.350008



Points de collecte sur www.quefairemedesdechets.fr
Privilégiez la réparation ou le don de votre appareil !



Scan the QR code to
get fast support

Need Help?

Please contact us

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