



RainPoint ITV101P Programmable Automatic Irrigation System User Manual

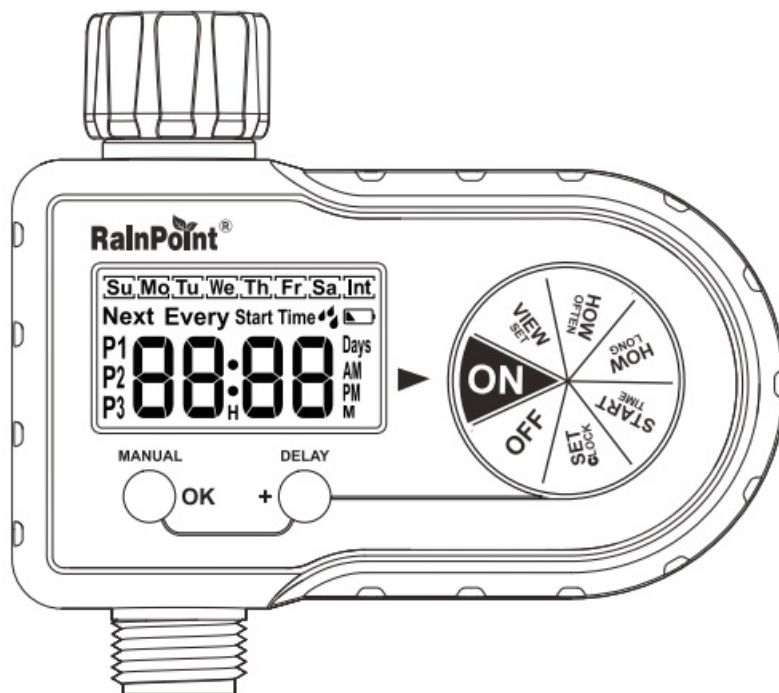
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ITV101P Programmable Automatic Irrigation System





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Free Hotline

US: +1833-381-5659 (EN)

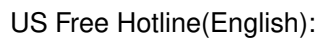
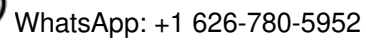
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Save the user manual for future reference. If you have any questions, please contact us to get support.

WARM TIPS PLEASE READ BEFORE USING

	Don't use the water timer when the temperature is below 37°F(3°C), and please store the timer indoors to avoid potential freezing damage.
	The filter traps dirt particles, preventing them from entering the timer and causing clogging. Please clean the filter regularly and replace it if worn.
	To ensure a longer lifespan, please use 2 new AA alkaline batteries (not included). Don't mix new and old alkaline, standard (carbon-zinc), or rechargeable batteries.
	Please activate the water timer before first use or after a period of inactivity (Refer to page 6: ACTIVATE THE TIMER BEFORE USE).
	Only use with clean cold water.

FOR ANY PROBLEMS DURING USE, PLEASE CONTACT US:

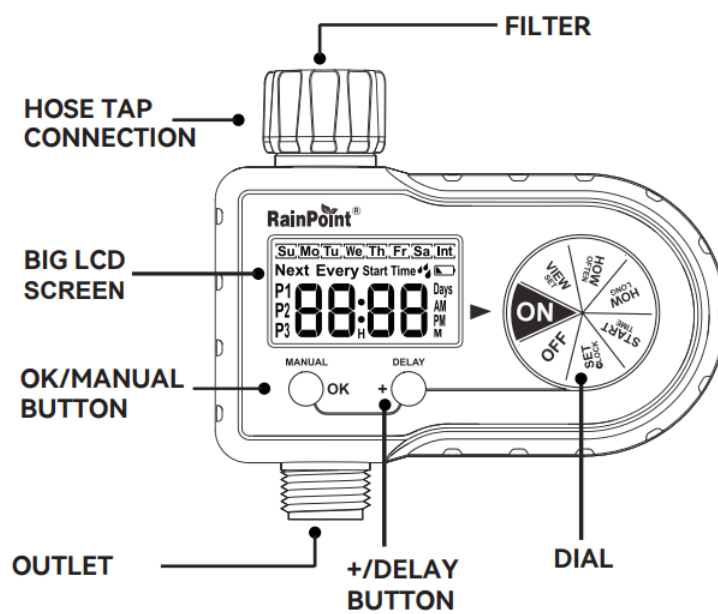


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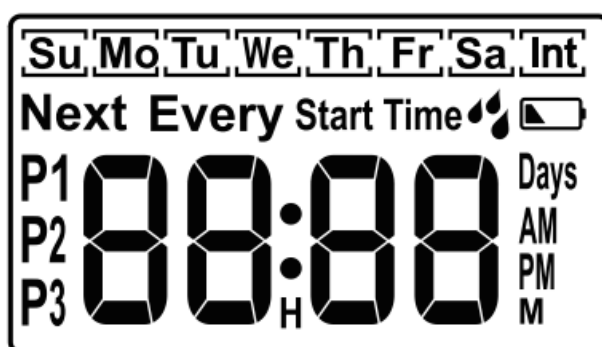
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At A GLANCE



BUTTON	FUNCTION
DIAL	Rotate the dial to set your watering schedule.
OK /MANUAL BUTTON	Use “OK” to confirm the time. When the dial is turned to “ON”, press and hold “MANUAL” to water manually.
+ /DELAY BUTTON	Use “+” to adjust the time. When the dial is turned to “ON”, press and hold “DELAY” to activate Rain Delay.
Min/Max Operating Pressure	0.5bar-8bar (7.25 psi-116 psi)
Max Flow Rate	10 Gal/Min (35L/Min)
Working Temperature	37.4°F-122.4°F(3°C-50°C)
Waterproof	IP54
Power By	2 AA (1.5V) alkaline batteries (not included)
Thread	NH(US) for 3/4" faucet / hose BSP(EU) for 3/4" or 1" faucet / hose
Watering Times	1 to 3 times a day (Up to 3 watering plans a day)
Per Day	Monday to Sunday OR Every 2/3/4/5/6 days
Watering Days	From 1 minute to 3 hours 59 minutes (4 hours)
Watering Duration	1 minute to 8 hours, default 10 minutes
Manual Watering Time	24h, 48h, 72h, default 24 hours



LCD ICON FUNCTION

	Low battery indicator
	Flashing during watering
	The selected day of the week
Every _ Days	Interval watering days
Next	The time left to the next watering
Start Time	The start time of watering
P1/P2/P3	Watering plans for one day



DIAL POSITION FUNCTION


SET CLOCK	Set your local current time
START TIME	Set the start watering time (Every watering plan has its own start time)
HOW LONG	Set watering duration from 1 minute to 3 hours 59 minutes. (Every watering plan has its own watering duration)
HOW OFTEN	Set watering frequency of the week or every few days (3 watering plans share 1 watering frequency)
VIEW SET	View all your settings of 3 plans
ON	0 Start automatic watering based on your programs. 0 When the dial is in the ON position, hold “4-/DELAY” button to enter delay mode.
OFF	Turn off all watering programs and shut off the valve.

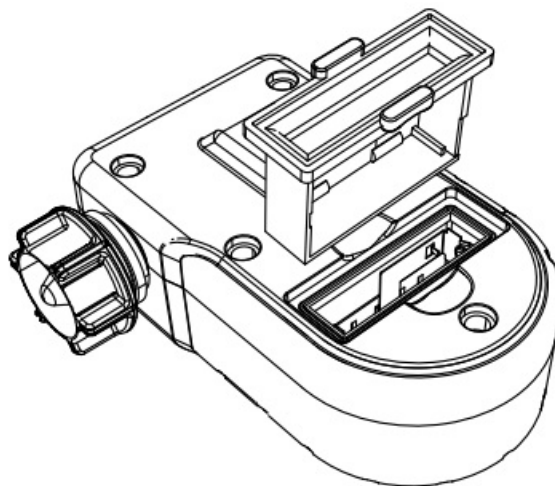
PRODUCT INSTALLATION

INSTALLING THE BATTERIES

1. Remove the battery tray on the back of the timer.
2. Insert 2 new AA (1.5V) alkaline batteries (not included).
3. Put the battery tray back on the timer and press firmly to make sure it is completely sealed.

Note:

1. Install the battery tray securely after installing the battery to ensure waterproofing.
2. When the timer is not used for a long time, please remove the batteries and dispose of them properly.
3. Replace batteries when the low battery indicator  appears on display. After you done it, please remember to reset your watering plans.
4. Don't dispose of batteries in fire.
Batteries may explode or leak.
5. To ensure a longer lifespan, please use 2 new AA alkaline batteries (not included). Don't mix new and old alkaline, standard (carbon-zinc), or rechargeable batteries.




BATTERY STATUS

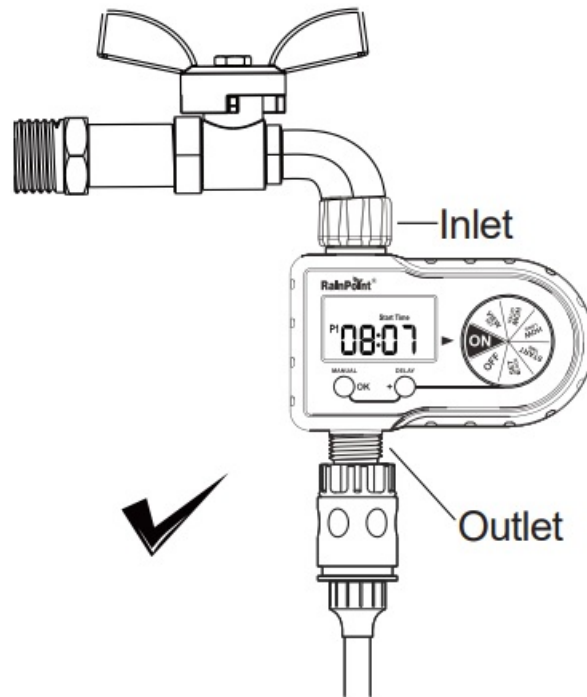
Battery Status will be displayed as following:

Full Power  Low Power 

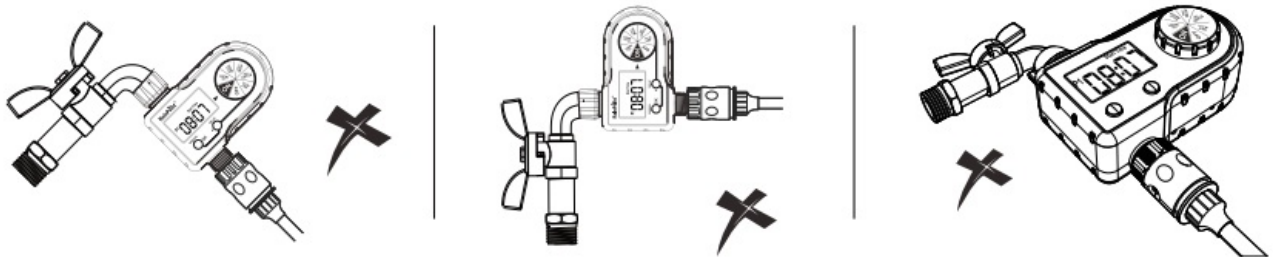
Note:

When the low battery indicator  appears on display, the valve will close automatically to avoid leakage. Please replace the battery in time in case of interrupting the normal operation.

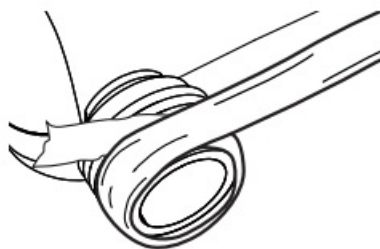
INSTALLING THE TIMER



1. Turn off the garden faucet.
2. Wrap Teflon Tape around the faucet threads.
3. Screw the timer to the garden faucet and make the display as vertical as possible to the ground to prevent rainwater from accumulating and leaking into the interior.
4. Wrap Teflon Tape around the threads of the timer outlet.
5. Screw the garden hose to the timer outlet.
6. Turn on the faucet after programming the timer.



Tips: If the connection between the timer and the faucet or hose is not tight or leaking, wrap more Teflon Tape(thread seal tape) to make them tight.



Note:

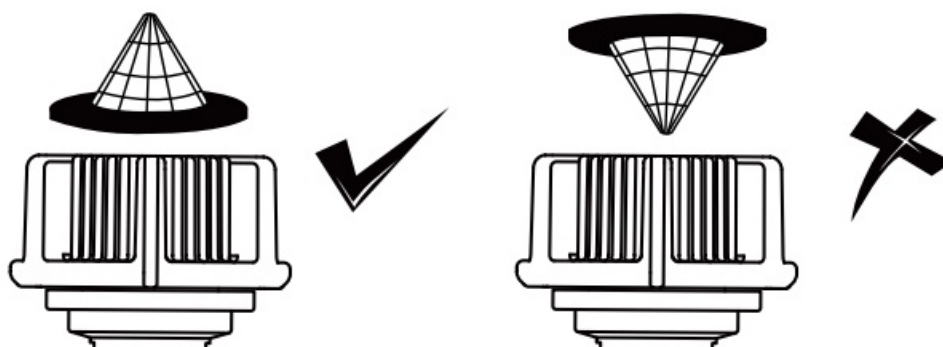


Please do not use tools, only install the timer by hand.



When expecting freezing temperatures, timers should be removed from the hose faucet and stored indoors to avoid potential freeze damage.

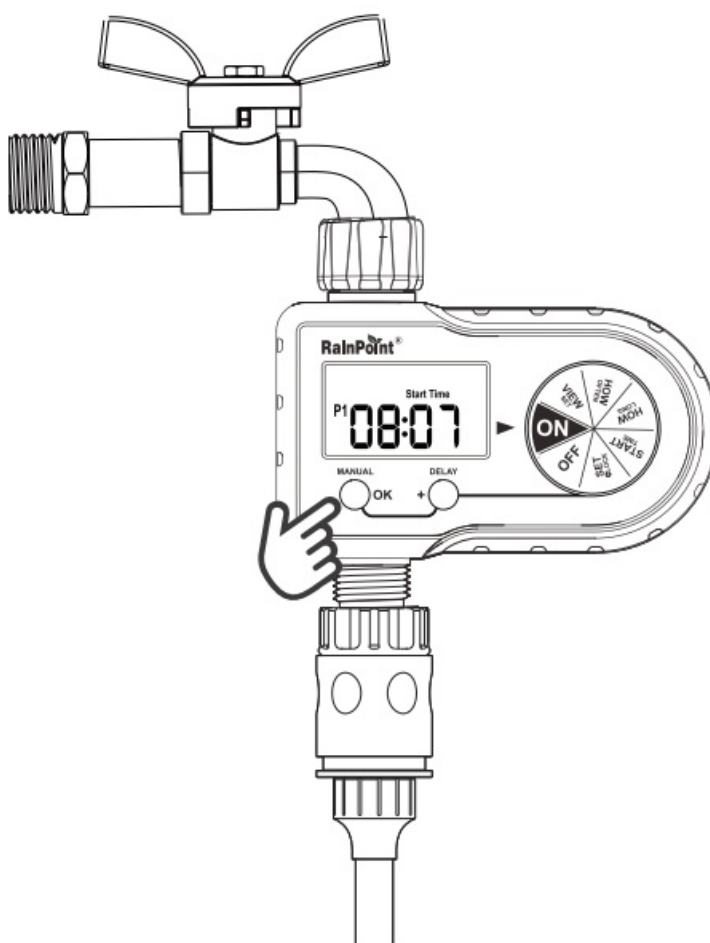
Please install the filter properly and keep it clean as follows.



ACTIVATE THE TIMER BEFORE USE



Please activate the device before using it for the first time or after a period of inactivity.



Activation Steps

1. Keep the garden faucet turned off.
2. Turn the timer dial to "ON".
3. Press and hold the "MANUAL" button for 3-5s to enter Manual Watering Mode.
4. When the screen is flashing, press the "OK" button twice, and the screen will stop flashing.
5. Wait about 5 seconds or until you hear a "click" and the valve in the timer opens, then turn the dial to "OFF" to close the valve.
6. Repeat the step 2-5 for 3-5 times.

7. Test: Turn on the faucet a little bit, and then repeat the step 2-5 to check if the water flow out or shut off as expected.

If yes, the timer valve is normal, please use it with confidence!

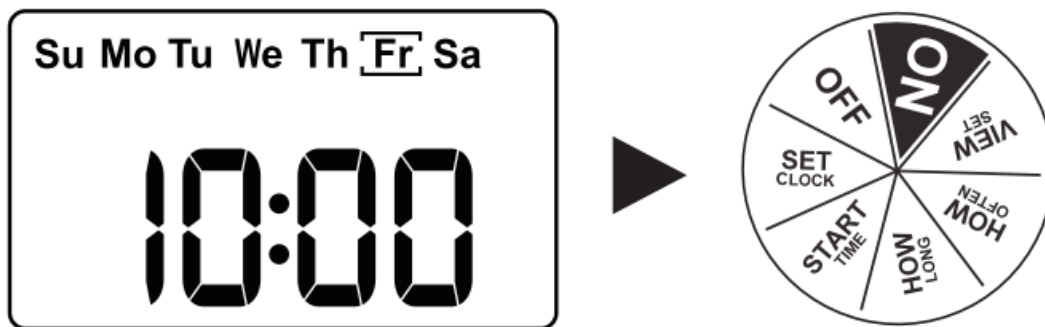
If not, please repeat the above steps several times or contact RAINPOINT support team immediately.

Note:

When testing, please keep away from the water timer outlet to avoid being splashed and wet.

PROGRAMMING YOUR TIMER

STEP 1: SET CLOCK



1. Turn dial to "SET CLOCK".
2. " " flashing: Use the "+" button to select the day of the week, then press "OK" to confirm.
3. "00" flashing: Use the "+" button to set hour and press "OK" to confirm. Press and hold the "OK" button to switch the time display in 12-hour or 24-hour mode.
 - 12-hour mode: with "AM" or "PM" 08:00
 - 24-hour mode: without "AM" or "PM" 08:00
4. "00" flashing: Use the "+" button to set minute and press "OK" to confirm.
5. Turn the dial clockwise to save the changes in this STEP and go to next STEP.

Tips:

1. Press and hold the "+" button can increase the time quickly.
2. When the setup of this STEP is finished, please turn the dial to save the changes instead of press the "OK" button. If you press the "OK" button after setting, it will return to the previous setting instead of saving it.

STEP 2: START TIME



1. Turn dial to "START TIME".
2. Use the "+" button to set the start time and press the "OK" button to confirm. (If you choose 12-hour mode, please note AM and PM)
3. After confirming this plan, press the "OK" button again to switch to the next plan.
4. Turn the dial clockwise to save the changes in this STEP and go to next STEP.

Tips:

1. Press and hold the "+" button can increase the time quickly.
2. If you want to turn off a certain plan, please adjust the start time to "23 : xx" (24-hour mode) or "11 : xx" PM (12-hour mode) when setting the plan. Then press the "+" button again, and "OFF" will appear on the screen, indicating that the plan has been closed.
3. If you want to cancel the "OFF" plan, press the "+" button again on the plan to set its start time.
4. When the setup of this STEP is finished, please turn the dial to save the changes instead of press the "OK" button. If you press the "OK" button after setting, it will return to the previous setting instead of saving it.

STEP 3: HOW LONG



1. Turn dial to "HOW LONG". (will display on the screen.)
2. Use the "+" button to set the watering duration and press the "OK" button to confirm. (The watering duration is from 1 minute to 3 hours 59 minutes)
3. After confirming this plan, press the "OK" button again to switch to the next plan.
4. Turn the dial clockwise to save the changes in this STEP and go to next STEP.

Tips:

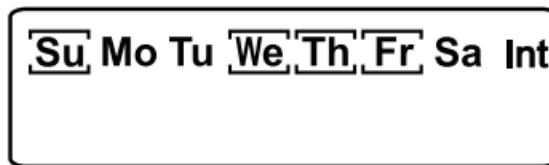
1. Press and hold the "+" button can increase the time quickly.

- If you want to turn off a certain plan, please adjust the watering duration to “00 H 00 M” when setting the plan, and “OFF” will appear on the screen, indicating that the plan has been closed.
- If you want to cancel the “OFF” plan, press the “+” button again on the plan to set its watering duration.
- When the setup of this STEP is finished, please turn the dial to save the changes instead of press the “OK” button. If you press the “OK” button after setting, it will return to the previous setting instead of saving it.

STEP 4: HOW OFTEN



- Turn the dial to “HOW OFTEN”.
- There are 2 setting modes for watering frequency.



a. Day of the Week Mode

(Watering plans will run every Sunday, Wednesday, Thursday, and Friday)



b. Every 2/3/4/5/6 Days Mode

(Watering plans will run every 2 days)

Examples of watering frequency of every 2 day, every 3 days and every 5 days

EVERY 2 DAY		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
EVERY WEEK		☹		☹		☹		☹
EVERY 3 DAY		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK ONE		☹			☹			☹
WEEK TWO				☹			☹	
EVERY 5 DAY		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK ONE		☹					☹	
WEEK TWO					☹			

- Set the Day of the Week Mode

- a. Use the “+” button to select the day of the week, press “OK” to confirm.
 - b. means the “Sunday” has been selected. Press “OK” again can cancel the selection.
 - c. Turn the dial clockwise to save the changes in this STEP and go to next STEP.
4. Set the Every 2/3/4/5/6 Days Mode
- a. Use the “+” button to select “Int”, press “OK” to confirm, then you will enter the Every 2/3/4/5/6 Days Mode.
 - b. Use the “+” button to select water every 2/3/4/5/6 days, press “OK” to confirm.
 - c. Turn the dial clockwise to save the changes in this STEP and go to next STEP.

Tips:

1. How to return to the Day of the Week Mode?
 - a. On the Every 2/3/4/5/6 Days Mode, press the “OK” button twice.
 - b. Then the “day of the week” will reappear and flash, and the below “Every” will disappear.
2. How to set the water timer to water every day?

If you want to run the watering plans every day, please select every day from Monday to Sunday in the Day of the Week Mode.



(Watering plans will run every day)

3. You can only choose one of the two watering frequency modes.

Once one of the two is confirmed, the other will be eliminated.
4. The 3 watering plans will use the same watering frequency.
5. When the setup of this STEP is finished, please turn the dial to save the changes instead of press the “OK” button. If you press the “OK” button after setting, it will return to the previous setting instead of saving it.

STEP 5: VIEW SET

1. Turn the dial to “VIEW SET”.
2. Press “OK” button to check the START TIME, HOW LONG and HOW OFTEN settings of the 3 watering plans.



(The start time of P1)



(The watering duration of P1)



(Watering frequency)

STEP 6: ATUO WATERING

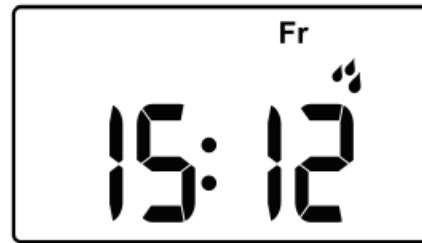
1. Turn the dial to “ON”.

(All watering plans being set will run automatically)
2. During watering:
 - a. Display the remaining watering time and 💧 will flash.

b. Press the “+” button, and then the current day and time will be displayed.



Remaining watering time



Current time

3. When not watering:

a. If there is no watering plans being set, it will only display the current day and time.

b. If there are plans being set but not running yet, it will display the current day and time, and followed by how much time is left to the next watering plan.



Current time



How long until the
next watering starts

There is no watering plans being set, which means the start time or watering duration of all 3 watering plans are truned off.

To turn off a certain plan, please turn off the start time or watering duration of that plan.

(About how to turn off the start time or watering duration, please refer to the section [STEP 2: START TIME] and [STEP 3: HOW LONG] of Chapter [PROGRAMMING YOUR TIMER])

ADDITIONAL FEATURES

MANUAL/HAND WATERING



This feature allows you to water without interrupting your set watering schedule.
Please follow the steps below to start manual watering.

1. Turn the dial to “ON”.
2. Press and hold the “MANUAL” button for 3-5s to enter the Manual Watering Mode.
3. Press the “+” buttons to adjust the hours from 0 to 8, press “OK” button to confirm.
4. Press the “+” buttons to adjust the minutes from 0 to 59.

5. Press the “OK” button to confirm and the screen stops flashing, then the timer valve will open and start manual watering after 5 seconds.

If you want to reset it, please press the “OK” button again within the 5 seconds and the “hour” will be flashing again, then you can reset the manual watering time.

Tips: How to stop the manual watering ?

- Method 1: Press and hold the “MANUAL” button for 3-5s to exit the manual watering and restore the original watering program.
- Method 2: Turn the dial to “OFF” to stop. And please remember to turn the dial to “ON” again to restore the original watering program.

PRODUCT FEATURES

RAIN DELAY WATERING



Rain delay time



Current time

Rain delay allows you to postpone watering for a set period of time, and it will not interrupt your original schedule. To access the rain delay, follow the steps below.

1. Turn the dial to “ON”.
2. Press and hold the “DELAY” button for 3-5s to start the delay watering function.
3. Press the “+” button to select delay time from 24H, 48H, and 72H(default 24 hours).
4. Press the “OK” button to run the delay function after selecting the delay time, and all watering plans will be skipped during this period.
5. To remove rain delay, please turn the dial to “ON” and hold the “DELAY” button for 3-5s again to resume your programmed watering schedule.

Note:

Please remember to press the “OK” button after selecting the rain delay time to start the rain delay program. Otherwise, the rain delay setting will automatically exit after the screen flashes for 3-5s

OFF MODE



1. If you wish to stop all 3 watering plans for an extended period, turn the dial to “OFF”. (Your settings will be saved)
2. The timer will not run automatically while in OFF mode. (The screen will display OFF)
3. To start watering again, turn the dial back to “ON” to resume your programmed watering schedule.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
The water inlet leakage	<ol style="list-style-type: none"> 1. No filter or not be placed horizontally 2. The faucet is not the standard 3/4" 	<ol style="list-style-type: none"> 1. Add a filter and make sure it's placed horizontally in the inlet. 2. Make sure the faucet is a standard 3/4" faucet. 3. Wrap Teflon tape on the tap making it tight.
The water won't stop/flow out	<ol style="list-style-type: none"> 1. Long time in storage and transportation make the valve inactive 2. Valve blockage 	<ol style="list-style-type: none"> 1. Keep the tap turned off and turn the timer dial to ON; 2. Run the manual watering for 5-7s and stop it; 3. Repeat the Step 2 for 3 to 5 times; 4. Try using it normally.
No response for manual/rain delay function	<ol style="list-style-type: none"> 1. After setting manual watering or rain delay time, without pressing OK button to save and run. 	<ol style="list-style-type: none"> 1. Press OK button again after the time is set to confirm.
Short battery life	<ol style="list-style-type: none"> 1. Mixed use of old and new batteries 2. Use the carbon batteries or rechargeable batteries 	<ol style="list-style-type: none"> 1. Use new alkaline batteries. 2. Rechargeable batteries and carbon batteries have a short life, use the alkaline batteries instead of them.

Low water pressure	<ol style="list-style-type: none"> 1. Filter blockage 2. Inlet pressure not sufficient to support watering needs 	<ol style="list-style-type: none"> 1. Check if the filter is clogged, if so, clean or replace the filter. 2. Make sure the timer is installed properly and not cross-threaded. 3. Installation of a booster pump or other auxiliary equipment of increasing pressure
LCD screen does not display	<ol style="list-style-type: none"> 1. The battery is exhausted 2. The display is exposed to direct sunlight 	<ol style="list-style-type: none"> 1. Replace new 2*AA alkaline batteries and installed correctly. 2. Avoid direct sunlight, and observe if the battery is too low.

If you need help in using the timer, please feel free to contact us.

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Email: service@rainpointus.com

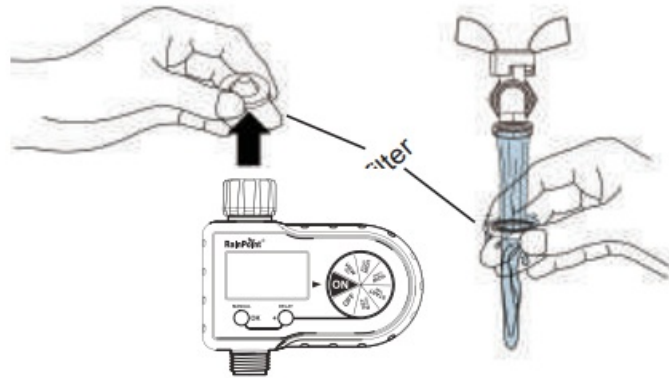
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CLEANING YOUR TIMER

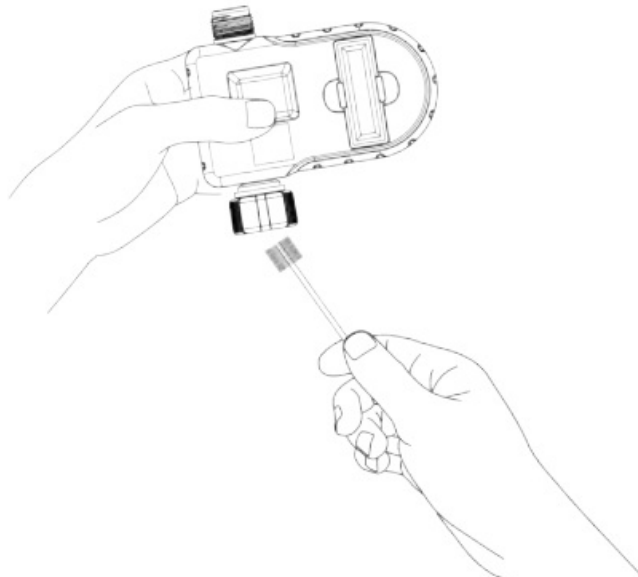
After a period of use, impurities or dirt in the water may accumulate in the timer. Therefore, the timer should be cleaned regularly to ensure its proper operation.

Please follow these steps to clean the timer.

1. Turn off the garden faucet and remove the timer. Check whether the filter at the timer water inlet has accumulated impurities.
2. If the filter is dirty, please take it out of the timer and rinse it with running water.



3. Turn on the Manual Watering Mode of the timer to open the valve and check whether the water pipe of the timer is blocked. If it is blocked, please clean it gently with a small cleaning brush.



WARNINGS

1. For outdoor use only. Placing the timer in the sheltered outdoors will prolong its lifetime.
2. To avoid damage, please tighten it without using tools.
3. The filter should be placed horizontally in the water inlet to prevent leakage.

4. When low power, please replace the batteries to avoid the interruption of normal operation; when replacing the batteries, please make sure that the battery tray is dry.
5. When the timer is not in use, please remove the batteries and store it indoors.
6. Don't use the timer under the temperature more than 120°F(50°C), or less than 38°F(3°C).
7. Don't subject the product to extreme force and shock.
8. Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Never immerse the product in water.

This product is MADE IN CHINA and conforms to the national standards of the United States, Britain, Germany and France. Please use this product correctly. If it needs to be discarded, please properly dispose according to the national requirements. Please protect the environment.

EC REP

NAME VIAJE ELECTRONIC COMPANY LIMITED
ADDRESS E588, 13 ADELAIDE ROAD, DUBLIN,
D02 P950, IRELAND

Email VIAJEELE@outlook.com



WARRANTY

RainPoint provides a 1-year warranty against manufacturing defects in materials and workmanship from the date of purchase.

During the warranty period, we'll replace free of charge the product found to be defective under reasonable use and service as determined solely by RainPoint.

To place a warranty request, please email us with your order ID at service@rainpointus.com and we'll respond within 24 hours.

CUSTOMER SERVICE

Still have trouble with setup, please search for "RainPoint" on YouTube for installation videos!

If the user manual doesn't have what you're looking for or you need other help, please contact us before returning the product to the store and let us know the LOT NO. of your device.

Email: service@rainpointus.com

WhatsApp: +1 626-780-5952

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Scan the QR code to
get fast support

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

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Documents / Resources

 <p>USER MANUAL ITV101P <input type="checkbox"/> English <input type="checkbox"/> Español</p>	<p>RainPoint ITV101P Programmable Automatic Irrigation System [pdf] User Manual ITV101P, ITV101P Programmable Automatic Irrigation System, Programmable Automatic Irrigation System, Automatic Irrigation System, Irrigation System, System</p>
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References

- [RP Smart Watering, Sprinkler & Drip Systems – RainPoint Irrigation](#)
- [User Manual](#)

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