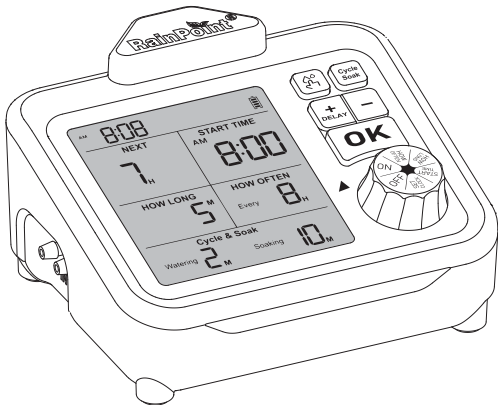


USER MANUAL

Indoor Auto Drip Irrigation Kit

Model No. IK153

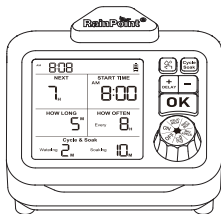


Welcome to the **RAINPOINT** family! Please read the manual before use to learn about the features and functions.

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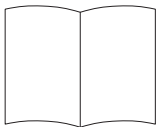
1. Box Contents



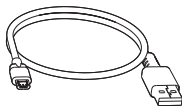
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3








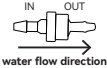



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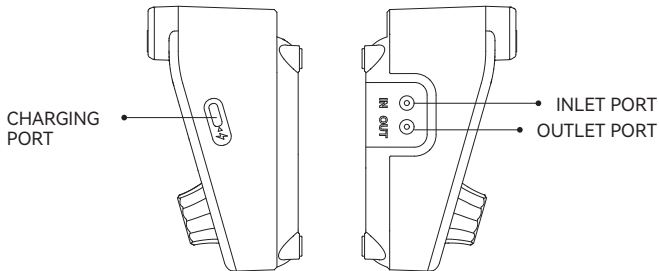
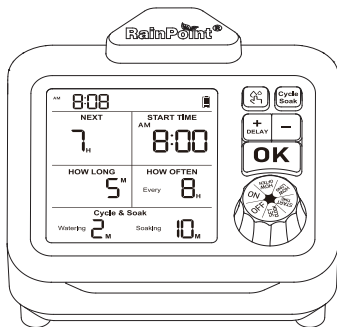
4

1. 1 X ITP153 Indoor Auto Watering Pump
2. 1 X User Manual
3. 1 X Detachable Back Hook
4. 1 X USB Cable
5. 1 X DIK-10 Accessories Kit (See next page)



Accessories Included	Name	PCS	Function
	Tubing	1	Tubing for Main Line Len: 10m/32.8 ft Inner diameter: 1/6 in. (4mm)
	Tubing	1	Tubing for Branch Line Len: 3m/9.8ft Inner diameter: 1/8 in. (3mm)
	Filter	1	Filter impurities from water
	Tubing End Plug	3	Stop water flow at the end of the tubings
	Micro Drip Emitter	10	Insert into soil to water the plant root directly
	T Barb Fitting	10	Split water flow and connect tubings
	Cross Barb Fitting	1	Split water flow and connect tubings
	Anti-Siphon Valve	1	Prevent siphoning and backflow
	Zip Tie	10	Secure and organize tubings

2. Introduction

2.1 Product Overview



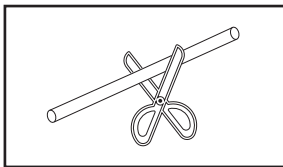
2.3 Button Description

BUTTON	DEFINITION
	Manual watering or terminate current watering session
Cycle Soak	Turn on/off Cycle & Soak Function or choose Cycle & Soak setting
+ DELAY	Short Press: Increase the time or 12/24H switch Long Press: Activate Delay function (The knob needs to be in "ON" position)
-	Decress the time
OK	Confirm the setting
	Control knob

2.4 Specifications

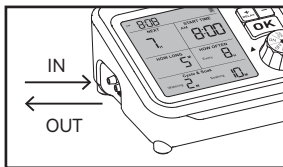
- **Flow Rate Range:** 7.92 gal/Hrs (30 L/Hrs)
- **Watering Duration:** 20s~20min
- **Watering Frequency:** 8Hrs~30D
- **Temperature Operating Range:** 37°F~122°F (3°C~50°C)
- **Battery Type:** 2000mAh rechargeable lithium-ion battery (included)

3. Tubing DIY Connection



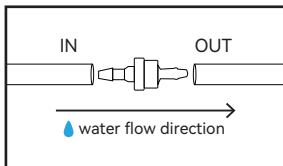
Step 1:

Plan your drip watering layout and cut the hose to desired length.



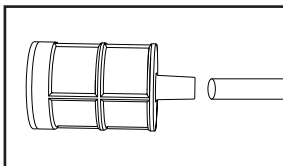
Step 2:

Connect the hose to water inlet and outlet port.



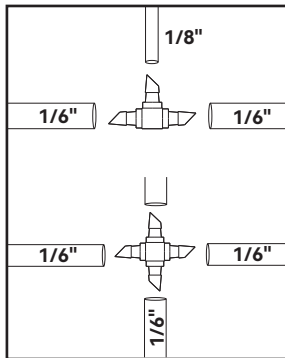
Step 3:

Connect anti-siphon valve to water outlet hose and close to pump. It will help prevent backflow and siphoning. (**Note:** The valve must be installed correctly in accordance with the flow direction.)



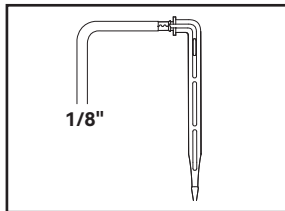
Step 4:

Insert filter to the other end of water inlet tubing, and put into water container.



Step 5:

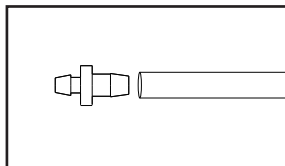
Connecting the suitable barb fitting:
1) When you need to connect the hose while splitting to two ways, **you can use the "T" barb fitting.**
2) When you need to connect a hose while splitting to other 3 ways, **you can use the cross barb fitting.**



Step 6:

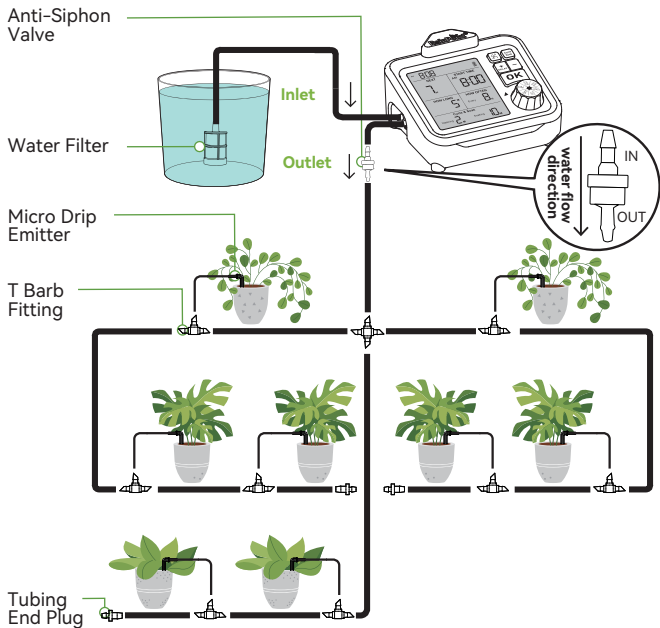
Connect micro drip emitter to the end of the pipe for each branch to provide targeted watering at the base of each plant.

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



Step 7:

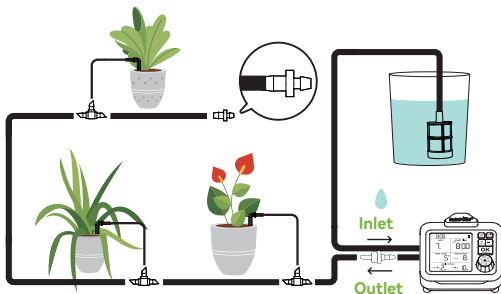
Install tubing end plug after water flows out from the end of the pipe to get rid of air left in the pipe.



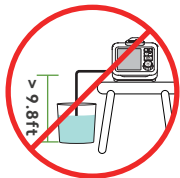
———— Main Line tubing (ID 1/6 inch or 4mm)

———— Branch Line tubing (ID 1/8 inch or 3mm)

Tips: Install tubing end plug after water has flowed from the pipe end.



Please keep the whole system horizontal or above water container.



! Pump is higher than water container over 9.8ft (300cm).



! Pump is lower than water container.



! Plants are over 9.8ft (300cm) higher than the pump.

4. Device Settings

4.1 How to Set An Auto Watering Plan

STEP 1: SET CURRENT TIME

Turn the Control Knob to **"SET CLOCK"**. Press **"+"** button to select 12/24H format, and press **"OK"** to confirm. Then set current time with **"+"** or **"-"** buttons.

STEP 2: START TIME SETTING

Turn the Knob to to **"START TIME"** position. Then press **"+"** or **"-"** buttons to select time.

STEP 3: SET WATERING DURATION

Turn knob to **"HOW LONG"** position, and press **"+"** or **"-"** buttons to set your desired duration.

Note: Available duration settings: 20/30/40/50s, 1-20min

STEP 4: SET WATERING FREQUENCY

Turn knob to **"HOW OFTEN"** position, and press **"+"** or **"-"** buttons to set your desired frequency.

Note: Available frequency settings: 8/12h, 1-30 Days

STEP 5: CONFIRM YOUR SETTING

Turn knob to **"ON"** position to confirm.

4.2 How to Set Cycle & Soak

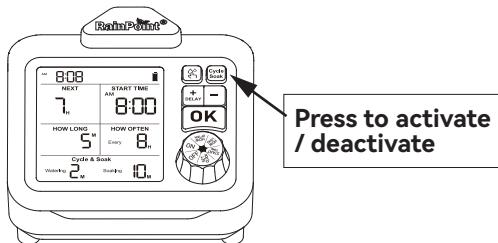
Cycle & Soak is a watering method that split irrigation run time into multiple shorter cycles with soak periods in between. This saves more water by thoroughly soaking into the soil, preventing runoff and encouraging deeper root growth—resulting in stronger, healthier plants.

Note: When setting up Cycle and Soak, keep the control knob in "**HOW LONG**" position. Once completed, turn to "**ON**" position to confirm.

How to activate/deactivate Cycle & Soak?

- When the irrigation run time is ≥ 2 min, you could press Cycle Soak button to activate or deactivate the function.
- You could choose watering 1 min + soaking 5 min mode, when the total run time is set between 2 and 3min.
- You could choose either watering 1min + soaking 5min mode or watering 2min + soaking 10min mode, when the total run time is ≥ 4 min.

Note: Total run time applies only to watering minutes, soak intervals are additional.



4.3 Manual/Stop Watering

4.3.1 Manual Watering

Step 1: Make sure the knob is in "ON" position.


Step 2: Press  to activate temporary manual watering mode.

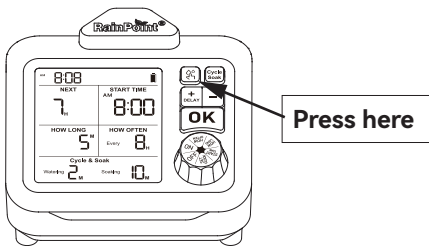
Step 3: Press "+" or "-" buttons to set your desired duration.

Step 4: Press "OK" to confirm, and manual watering will start immediately.

Note: Cycle & Soak is available under manual watering mode.

4.3.2 Terminate Watering

To stop scheduled or manual watering session sooner, press  to end the watering session.



4.4 Suspend Auto Watering Plan

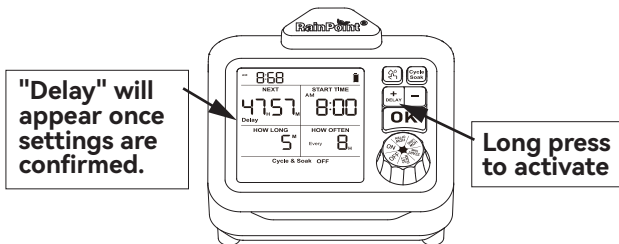
You could choose to delay/skip the scheduled watering plan for 24 / 48/ 72 hours per your desired.

Step 1: Make sure the knob is in "ON" position.

Step 2: Long press $\overset{+}{\text{DELAY}}$ to activate.

Step 3: Press "+" to choose delay duration.

Step 4: Press "OK" to confirm.



5. Precautions

- Please tighten the tubing to the inlet and outlet port when installing to avoid leakage.
- Try to place the pump higher than the water source to avoid siphon phenomenon.

6. Troubleshooting

Problem	Possible Reason	Solutions
Pump no working or can't pump water from container	<ul style="list-style-type: none">• Impurities get into the pump and damage the pump.• Pump broken due to falling or during transportation.• The anti-siphon valve is installed in wrong direction.	<ul style="list-style-type: none">• If the pump can't work, or can't pumping water, please contact customer service from where you buy in the warranty time.• Make sure the anti-siphon Valve in right direction.
Water leakage from the pump inlet or outlet port	The pipe is not tightly inserted or not fully inserted.	Re-install the water pipe to make sure the pipe end is fully and tightly insert to the inlet and outlet port.
Weak water flow comes out	<ul style="list-style-type: none">• Too far away from pots and water container.• Air left in pipe.	<ul style="list-style-type: none">• Move the pump closer to the plants and reduce the pipe length.• When set up the watering system, try to put on the tubing end plug after water has flowed from the pipe end.

7. 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

8. Customer Support

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.

LOT NO.: XXXXXX (on the back of the timer)



Rechargeable Battery
(3.7V 2000mAh)



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À SÉPARER ET À DÉPOSER
DANS LE BAC DE TRI**



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