



# USER MANUAL

Rainpoint Outdoor Solar Irrigation System

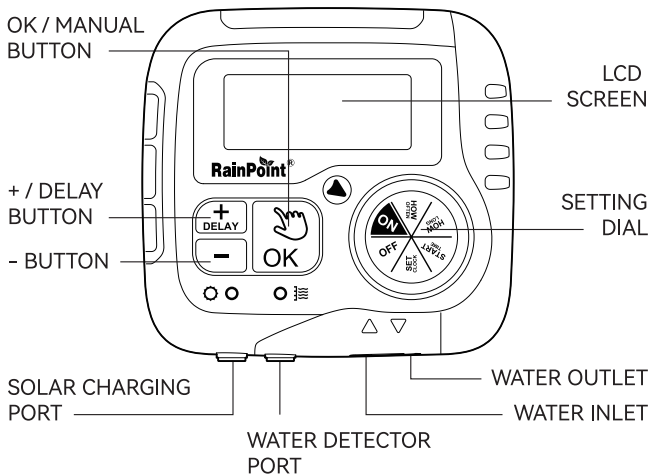
**Model No. IK15P-DLS**



## WHAT IN THE BOX

Rainpoint Outdoor Irrigation Pump x 1	
5W Solar Panel x 1	Cross Connector x 3
Solar Panel Bracket x 1	Sealing End x 3
15m (50ft) 1/4" Pipe x 1	Filter x 1
Micro Dripper x 15	Anti-backflow Valve x 1
T-barb Connector x 15	Type-C Charging Cable x 1
Straight Connector x 5	Low Water Level Detector x 1

## OVERVIEW



# BUTTON FUNCTION INTRODUCTION



Dial Functions	
ON	Run the timer as scheduled
OFF	Turn off the timer
SET CLOCK	Set current time
START TIME	Set the time to start watering
HOW LONG	Set the duration of watering plan
HOW OFTEN	Set the frequency of watering plan



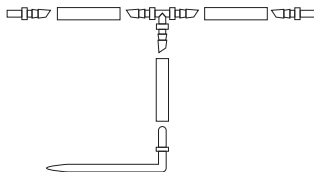
Button Functions	
OK/MANUAL BUTTON	Confirm settings or water manually
+/DEALY BUTTON	Adjust settings or set delay watering
- BUTTON	Adjust settings

## SPECIFICATION

- Flow rate 45L/H (11.9 Gal/min)
- Watering duration from 30 sec to 30 mins
- Working temperature from 0°C to 50°C (37°F to 122°F)
- Powered by 1\* 18650 Lithium Ion Rechargeable Battery (2600mAh)
- IPX4 water proof

# INSTALLATION

- 1) Install the pump in the proper place. There is a back holder that can help to fix.
- 2) Find a shadow-free place to place the solar panel using the U-stand. Or Screw the bracket on the solar panel U-stand and insert the product into the soil. Connect the solar panel cable into the solar port of the pump.
- 3) Cut a proper long piece of pipe and connect with the inlet port. Put the filter onto the other end of the pipe.
- 4) Connect the water level detector into port on the pump, then tie the other end of the detector together with the filter. Throw them into the water container.
- 5) Cut the pipe into pieces and use the connectors to connect each pieces of pipe and the dripper to build the irrigation pipeline system.



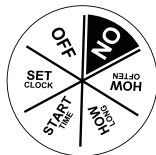
- 6) Cut one piece of pipe and install the anti-backflow valve to start end of the irrigation system to avoid backflow. After finishing installation, connect the irrigation system with the outlet port on the pump.

## Note :

- Please make sure the position of the whole watering system is higher than the maximum water level of the water container.
- Please make sure the water level detector is tied higher than the filter, and both are vertical downward.
- Please place the solar panel in a shadow-free place to get fully sun shine.

# FUNCTIONS

## SET CLOCK



- 1) Turn the dial to **SET CLOCK**.
- 2) Press + and - buttons to switch **12/24H**, press **OK** to confirm.
- 3) Use + and - buttons to set the current time, hold buttons for 3 seconds to quickly adjust.
- 4) Use **OK** button to switch the hour, minute, 12/24 hours.
- 5) After setting, turn the dial to the next step to directly save settings.

## START TIME



- 1) Turn the dial to **START TIME**.
- 2) Use the + and - buttons to set the time you want to start watering, press and hold the + and - buttons for 3 seconds to quickly increase or decrease the time.
- 3) Use the **OK** button to switch between hours and minutes.
- 4) After setting, turn the dial to the next step to directly save settings.

# FUNCTIONS

## HOW LONG



- 1) Turn the dial to **HOW LONG**.
- 2) Press + and - button to set watering duration.
- 3) Turn the dial to the next step to directly save settings.

## HOW OFTEN



- 1) Turn the dial to **HOW OFTEN**.
- 2) Press + and - button to set watering frequency.
- 3) Turn the dial to **ON** to activate the schedule.

## MORE FUNCTIONS

### Manual Watering Mode



When the dial stays in **ON**, press and hold **OK** button for 3 seconds to enter manual watering mode. Setup the watering duration with **+** and **-** buttons and press **OK** button to start manual irrigation.

Press and hold **OK** button again or turn the dial to any position to stop manual irrigation.

**Tips:** When setting the time, if there is no action within 3 seconds, it will automatically exit the manual mode.

### Delay Mode



When the dial stays in **ON**, press and hold the **+** button for 3 seconds to enter the delay mode setting. Press **+** and **-** button to set the delay time for 24, 48, or 72 hours, and press **OK** button to confirm. Select 0H will cancel the delay mode. If there is no action within 5 seconds, then it will cancel the delay mode as well.

During the delay mode opening, hold the **+** button to cancel the delay.

**Tips:** When setting the time, if there is no action within 3 seconds, it will automatically exit the manual mode.

## MORE FUNCTIONS

### Low battery alert



When battery symbol flashes, the pump will not open.

### Water shortage alarm



When the product is running, if the detector detects water shortage, the product indicator lights up red.

### Solar charging prompt



When the solar panel is powering the pump, the indicator lights up green.



## TROUBLE SHOOTING

<b>Problem</b>	<b>Possible Factors</b>	<b>Solution may help</b>
Condensation on the screen	<ul style="list-style-type: none"><li>• Air condenses inside the screen due to the difference in temperature between inside and outside.</li></ul>	<ul style="list-style-type: none"><li>• The fog will disappear as the temperature rises, or leave it stand for a period of time.</li></ul>

## WARNINGS

- 1) Intended for outdoor use only, put in the sheltered outdoor will prolong the product lifetime.
- 2) When the power is low, please replace the batteries in time to avoid the interruption of the normal operation; when replacing the batteries, please make sure that the battery compartment is dry.
- 3) Do not use the timer which it's more than 122°F(50°C) or less than 37.4°F(3°C).
- 4) Do not subject the product to extreme force and shock.
- 5) Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Never immerse the product in water.

## WARRANTY

Rainpoint provides a 1-year worry-free 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 your order ID to XXXXXXXXXXXX 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 some help, please prepare the LOT NO. of your device and contact us before returning the product to the store.





Scan the QR code to  
get fast support