

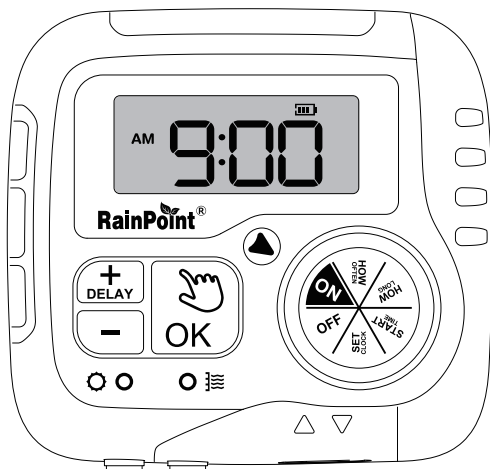


RainPoint®
More Than Water Saving

USER MANUAL

OUTDOOR SOLAR IRRIGATION KIT

Model No. IK15P-DLS



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

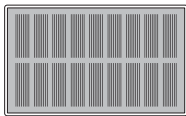
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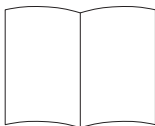
1. Contents in the box



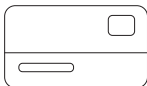
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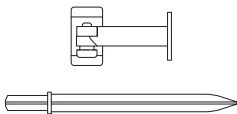
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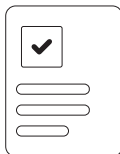
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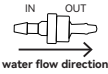


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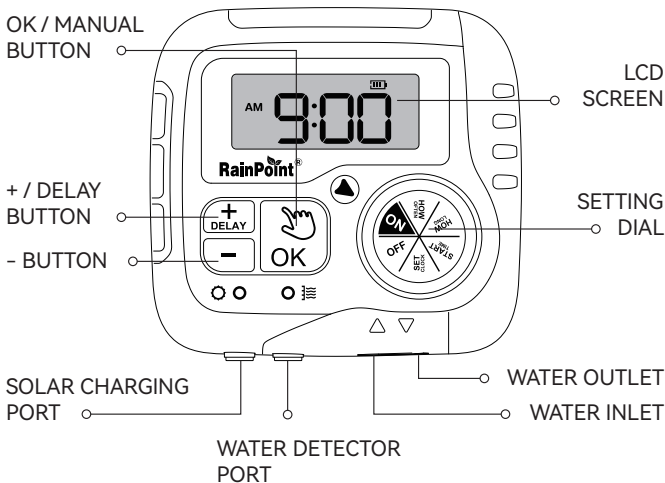
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1. 1 X ITP526 Outdoor Irrigation Pump
2. 1 X Solar Panel
3. 1 X User Manual
4. 1 X Warranty Card
5. 1 X Solar Panel Bracket
6. 1 X Accessories Kit (See next page)

Accessories Included	Name	PCS	Function
	Tubing	1	Tubing for Main Line Len: 15m/50ft Inner diameter: 1/8 in. (3mm)
	Tubing	1	Tubing for Branch Line Len: 1m/3.28ft Inner diameter: 1/6 in. (4mm)
	Micro Drip Emitter	15	Insert into soil to water the plant root directly
	10cm Pipe + Connector	1	10cm Pipe (4mm) with 4mm to 3mm connector
	T Barb Fitting	15	Split water flow and connect tubings
	Cross Barb Fitting	1	Split water flow and connect tubings
	Tubing End Plug	3	Stop water flow at the end of the tubings
	Filter	1	Filter impurities from water
	Anti-Siphon Valve	1	Prevent siphoning and backflow
	Type-C USB	1	For Lithium battery power supply
	Low Water Level Detector	1	Monitoring of water levels
	Stainless Steel Screws	6	Surface mount for the device

2. Introduction

2.1 Product Overview



2.2 Specifications

- 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 (2000mAh)
- IPX4 water proof

2.3 Button Introduction

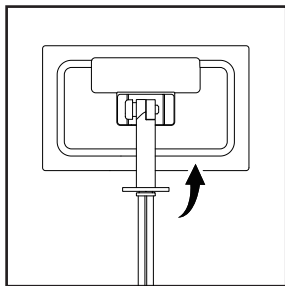


DIAL FUNCTIONS	
ON	Run the timer as scheduled
OFF	Turn off the timer
SET CLOCK	Set current time
START TIME	Set the time to start watering
HOW LONG	Set the duration of watering plan
HOW OFTEN	Set the frequency of watering plan



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

3. Installation

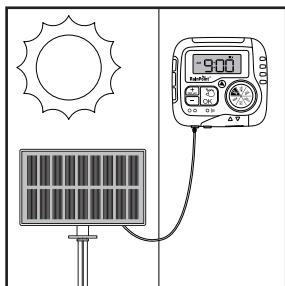
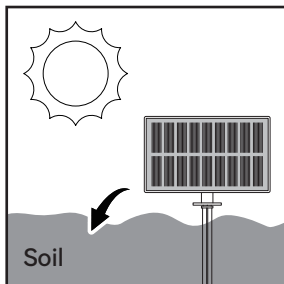


Step 1:

Screw the solar panel bracket onto the solar panel U-frame.

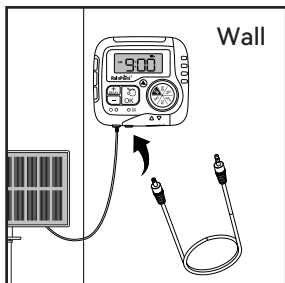
Step 2:

Find a sunny place and insert the solar panel bracket into the soil.



Step 3:

Connect the charging cable behind the solar panel to the water pump charging port.

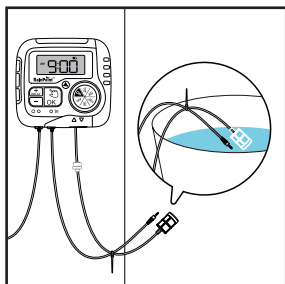
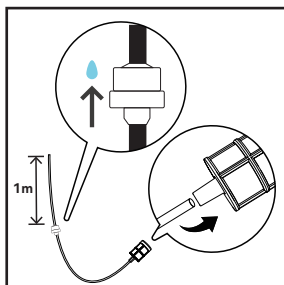


Step 4:

Connect the low water level detector to the water pump level detector port.

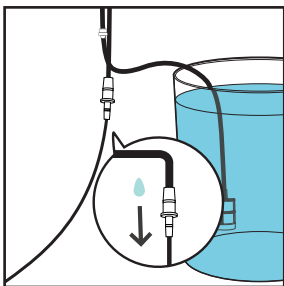
Step 5:

Cut a suitable length of 4mm water pipe and connect it to the pump inlet and filter net. Then cut and connect the anti-siphon valve at the water pipe of about 1m at the water inlet. Please pay attention to the connection direction of the anti-siphon valve.



Step 6:

Tie the low water level detector and filter together with cable ties and place in the water container. (Detector should be near the bottom of the container)

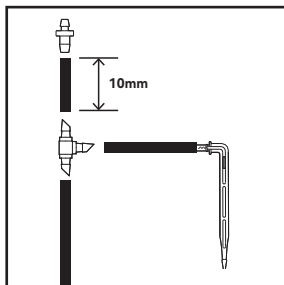


Step 7:

Connect the 10cm pipe to the water pump outlet, and then connect the 3mm water pipe to the other end.

Step 8:

Cut the water pipe into several sections and connect each section of water pipe to the micro drip emitters with the required joint to form a drip irrigation system. After the water flows out from the end of the pipeline. After the water flows out from the end of the pipeline, then load into tubing end plug. That to avoid the air exist in the pipe and the water cannot flow smoothly to end pipeline.



Tip: It is recommended to leave 10cm of pipe at the end of the device, and then install the tubing end plug. To ensure stable water discharge from the device at the end of the device.

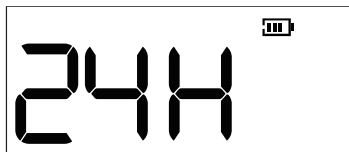
Note:

- 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.

4. Device Settings

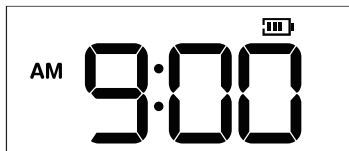
4.1 Plan settings

Step 1: SET CLOCK



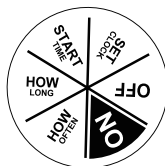
1. Turn the dial to **SET CLOCK**.
2. Press **+** and **-** buttons to switch **12/24H**, press **OK** to confirm.
3. Use **+** and **-** buttons to set the current time, hold buttons for 3 seconds to quickly adjust.
4. Use **OK** button to switch the hour, minute, 12/24 hours.
5. After setting, turn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

Step 2: START TIME



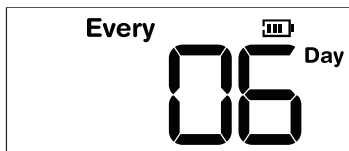
1. Turn the dial to **START TIME**.
2. Use the **+** and **-** buttons to set the time you want to start watering, press and hold the **+** and **-** buttons for 3 seconds to quickly increase or decrease the time.
3. Use the **OK** button to switch between hours and minutes.
4. After setting, turn the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

Step 3: 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.

Step 4: 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.

4.2 Other settings

4.2.1 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.

4.2.2 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.

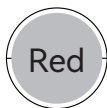
Tips: When setting the time, if there is no action within 3 seconds, it will automatically exit the manual mode.

4.2.3 Low battery alert



When battery symbol flashes, the pump will not open.

4.2.4 Water shortage alarm



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

4.2.5 Solar charging prompt



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

5. Troubleshooting

Problem	Possible Factors	Solution may help
Condensation on the screen	Air condenses inside the screen due to the difference in temperature between inside and outside.	The fog will disappear as the temperature rises, or leave it stand for a period of time.

6. Precautions

1. Intended for outdoor use only, put in the sheltered outdoor will prolong the product lifetime.
2. When the power is low, please charge the batteries in time to avoid the interruption of the normal operation; when placing 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.

7. Warranty Policy

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 **support@rainpointonline.com** and we'll respond within 24 hours.

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)



**18650 Lithium Ion
Rechargeable Battery
(3.7V 2000mAh)**



**ÉLÉMENTS D'EMBALLAGE
À SÉPARER ET À DÉPOSER
DANS LE BAC DE TRI**



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box is recyclable
and reusable**



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se recyclent**

**À DÉPOSER
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6. 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.