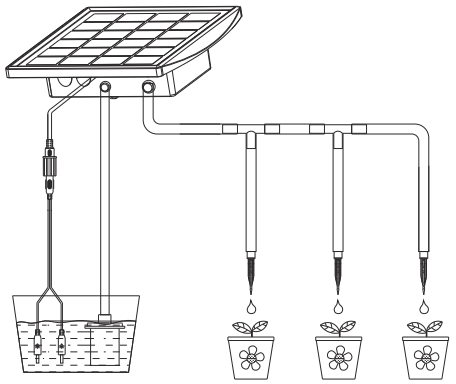
Solar Automatic Watering System User Manual



Thank you for purchasing our product! Please kindly read this manual carefully before use, and operate according to it correctly.

Features

1.Designed for balconies, patios, small gardens without faucet and fixed power supply

2.Powered by solar energy, no need for additional wiring

3.Taking water directly from containers such as buckets, without the need for a tap

4.Automatically watering at preset time intervals and amounts

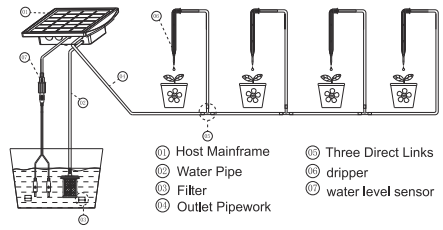
5.Automatically alarm to replenish water when water shortage in the container

6.Pipes, joints and drippers are provided, you can freely match them

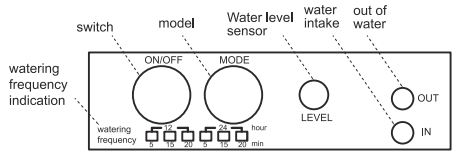
Packing List

Controller*1	Ground stake*1	Screw*2
Manual*1	Accessories Kit*1	

Product Appearance



Panel Schematic



Installation Diagram



Operation instructions

1.Fix the product in a position where the solar panel can be exposed to direct sunlight and the side with the switch button must be faced down. The product can be inserted into the soil by using the ground stake, or be fixed with screws on the wall, fence, etc..

2.Loosen the screws of the connecting ground rod to adjust the angle of the solar panel surface, so that the solar panel can receive as much sunlight as possible. Then tighten the screws.

3.Install the water inlet pipe, water outlet pipe, tees, drippers, filter, etc. according to the installation diagram. The watering flow of the product is about 400mL/min (that is, the sum of the water output of all drippers is 400mL/min). Please select the number of drippers and the watering frequency according to your actual water demand of flowers and plants.

4.Press the ON/OFF switch button to turn on/off the product.

5.Press the MODE button to select the watering frequency. For example, the blue indicator light which is in the first position (upper shows 12, lower shows 5), it means that the product will water once for 5 minutes each every 12 hours. And, each time the MODE key is pressed, the system will re-time and will water as the first position watering frequency.

6.This product isPut the long-cable probe into the deep water and when the water level is lower than the short-cable probe (that is, a probe is out of the water), the system will automatically alarm (the buzzer sounds 2 times per minute)

and stop working (stop watering and timing). After refilling the water, the system will continue to work as the previous watering program.

7. When the water pump is idling, the system will alarm (The buzzer sounds twice a minute during the day; at night only the indicator light flashes without a beep), and the green indicator light located at the MODE button will flash. The cause of this failure may be that the water pump or the filter is blocked, please clean them; it may also be that there is no water in the water source container, please add water.
You can unclog the pump by injecting some warm water into the pump inlet with a syringe (the syringe is not equipped, please purchase it separately if it needed).
After troubleshooting, please restart the product, the system will perform a watering and re-time.

8. When the power of the system is low, the red indicator light located at the ON/OFF button will flash. After 30 seconds, the red light will be off, and the blue gear indicator will also be off. At this time, the system enters the standby state.Later when exposed to sunlight again and the product gets fully charged, the system will automatically return to the working state (the blue light is on). And the system will perform a watering and re-time.

Buzzer	LED Indicator	Failure description	Solution
Beep		1.Pump clogged 2. Filter clogged 3. Water shortage	1. Unblock the water pump 2. Clean the filter 3. Add water After completing the above steps, the system must be restarted
Beep	Green light steady on	Dripper clogged	Clean the dripper, restart the system
Beep		Water shortage	After adding water, the system will continue to work as the previous watering program
	The red light flashes for 30 seconds and then turns off. The blue light is also off.	Insufficient power, the system automatically enters the standby state	After being charged by sunlight, it will automatically return to working state

Item name	Solar Automatic Watering System
Model No.	IC003S
Solar panel	2W
Battery	3.7V 2200mAh
Pump	1W
Water flow	400mL/min
Water sensor	YES
Operating temperature	1~40℃
Storage temperature	-10~50℃

★Important tips
1. Do not disassemble this product by yourself.
2. Do not vigorously vibrate, beat or hit the product.
3. It is strictly forbidden to throw this product into fire to avoid the risk of fire or explosion.
4. Children should use this product under the guidance of their parents.
5. When the ambient temperature is higher than 40°C or lower than 0°C, the product may fail to work, please avoid using it.
6. It is forbidden to put the product into water. And the side with the switch button must be faced down, otherwise water may enter.
7.Be sure to use a water filter at the water inlet pipe interface, otherwise the main unit will be at risk of damage.
8.Choose a sunny place to install the product and clean the dirt on the solar panel regularly to help improve the charging efficiency.