OPTONICA

USER MANUAL
LED SOLAR GARDEN/PARK LAMP

Remote Control

Key	Function	Period of validity	Description	Status of indicator light
【ON】	Light ON	Single/without memory	100% brightness – gradual dimming, approximately 6 hours of screen off	The green indicator light is constantly on.
【OFF】	Light OFF	Single/without memory	Light off	The mode indicator light goes out,while the battery level indicator light remains on
【3H】	Timing 3 hours	Single/without memory	150% brightness – slow discharge for 3 hours	The red indicator light is constantly on.
CW/WW	3CCT	Everyday/with memory	1) 6000K 2) 3000K 3) 4000K	Main light color change.
•)) / ☀	Lamp with induction mode	Everyday/with memory	Infrared sensing: low brightness when no people, 200% brightness when detects people, and turns off after approximately 12–14 hours	The yellow indicator light is constantly on
	Lamp without induction mode	Single/without memory	Low brightness, 50% brightness – no gradual dimming, approximately 12–14 hours of continuous lighting off	
【AUTO】	Auto mode	Everyday/with memory	100% brightness – slow discharge for 14 hours. Lights turn off automatically during the day and turn on automatically at night	The blue indicator light is constantly on

Lamp with induction mode key function:

1. Short press to power on (indicator light turns on, main light remains off). Press and hold for 2 seconds to power off.

2. Short press to switch mode within 2 seconds, and turn off the light if it stays on for more than 2 seconds; Mode: 6H → 3H → Auto → Sensing → Turn off lights (cycle switching).

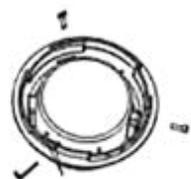## Lamp without induction mode key function:

1. Short press to turn on (indicator light on, main light not on), long press for 2 seconds to turn off.

2. Press the switch briefly within 2 seconds to change the mode. Press it again for more than 2 seconds to turn off the light. Modes: 6H → 3H → Auto → Low Brightness → Off (cyclic switching).

Instruction

1. After removing the lamp body, press and hold the control panel button for 2 seconds to turn on the device. The main lamp will not light up, but the battery level indicator will light up.

2. As per the installation instructions, assemble the lamp.

3. Install the remote control battery and set the desired working mode.

4. For the first use, charge the lamp first. If the charging time is insufficient, the lighting duration and brightness may be affected when the lamp lights up that night. Wait until the next full charge, and the operation will return to normal.

5. During autumn, winter, continuous cloudy days, or rainy days, the charging effect will weaken, and the lighting time may be shortened. This is a normal phenomenon.

6. When not using the packaging for transportation, press and hold the control panel button for 2 seconds to turn off the lamp for packaging. Use it again by pressing and holding for 2 seconds to turn on the lamp.
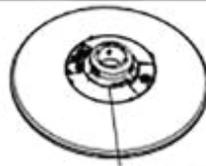
Installation Instruction

Lamp pole and lamp head installation

Install the bolts and nuts

1.The connecting part is equipped with bolts and nuts, but the bolts are not tightened

Insert the connector and rotate it in the direction indicated by the arrow until it reaches the locked position.

2.Install the connection head as shown in the figure onto the lamp body and rotate it in the direction indicated by the arrows until it reaches the locked position.

Ø58mm

3.Make sure the lamp post cover is properly installed and tighten the screws with a hexagonal wrench

Tighten the plug

4.Place the rubber plug from the accessory package into the bolt installation hole, and turn on the light by pressing switch 2S on the contol panel. The installation is completed
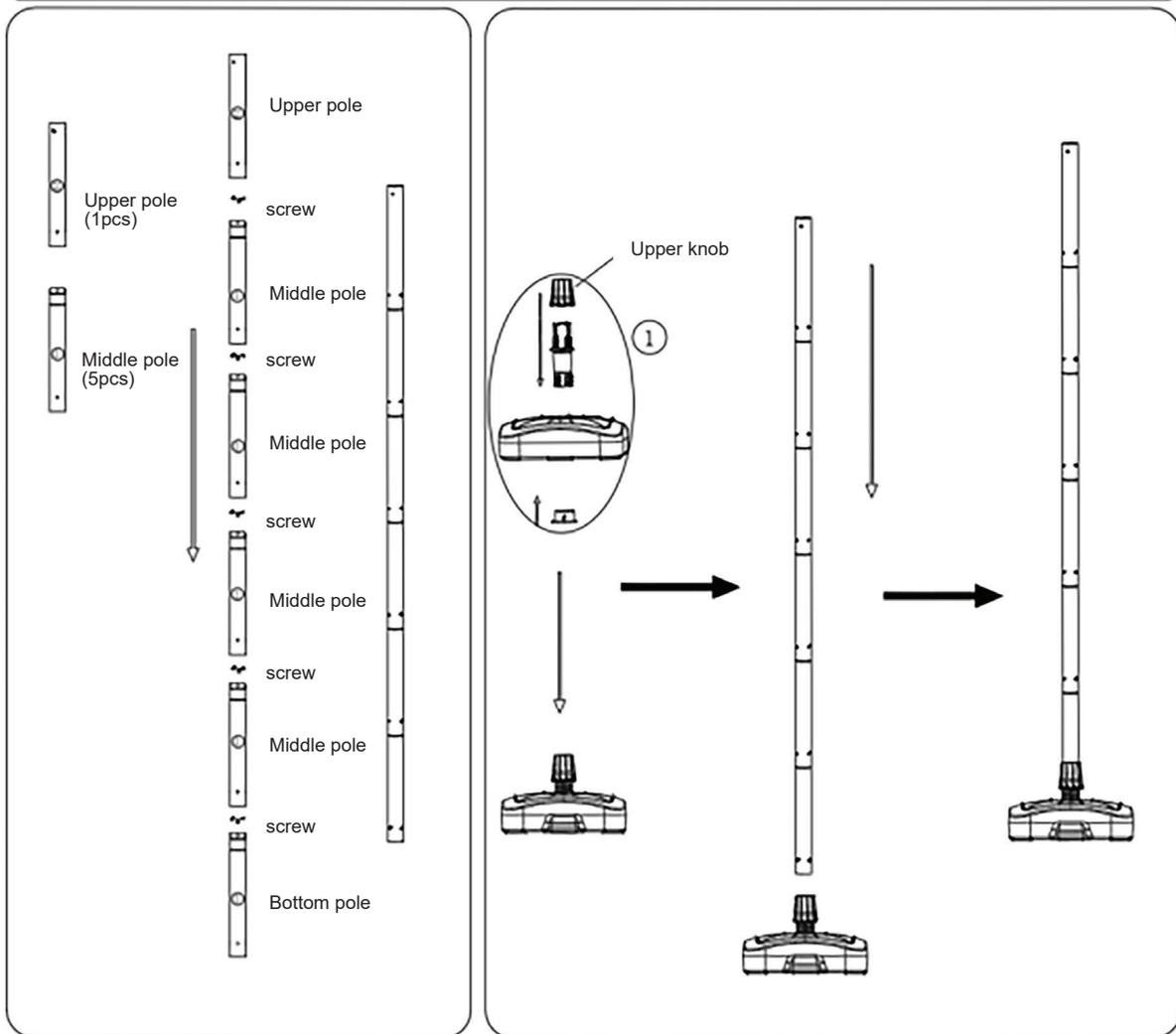
Final picture

5.Open the water tank cover, pour in water or sand, and then sloce the water tank cover.

Lamp pole and water tank installation

Upper pole

Upper pole (1pcs)

screw

Middle pole (5pcs)

Middle pole

screw

Middle pole

screw

Middle pole

screw

Middle pole

screw

Bottom pole

Upper knob

①

1.Assemble the lamp poles in the direction indicated by the arrows. Fix each pair of lamp poles together with screws.

1.Follow the diagram 1 to connect properly, then turn on the knob (do not tighten it completely, just turn it slightly twice).
2.After installing the water tank, connect the installed lamp pole, and tighten the knob.

Important notice

- Please keep the installation tools safe and keep them away from children.
- The product comes with a battery. The battery is a recyclable item. Please do not litter it.
- The product comes with a battery. The product must not be placed on fire. It may explode.
- Do not connect to 110/220V AC power to avoid damaging the lamp body.
- Please install it on a flat and stable surface and fix the solar panel and the lamp body properly to prevent injury from wind or other reasons.
- To avoid affecting the usage effect, clean the surface of the solar panel of dust or debris every 3–4 months.
- In autumn, winter, continuous cloudy days or rainy days, the charging effect will weaken and the lighting time will shorten. This is a normal phenomenon.

Precautions for use of human body sensor

- The best working environment for human infrared sensor is 25°C, with the best sensitivity and distance. When the temperature difference between the human body and the environment is very small, the sensitivity of the human body infrared sensor lamp will drop, the induction distance becomes short, which is a normal phenomenon.
- Human infrared induction can not be blocked by things, which will lead to induction failure after being blocked.
- Infrared induction detects human temperature, not detects the speed and movement.