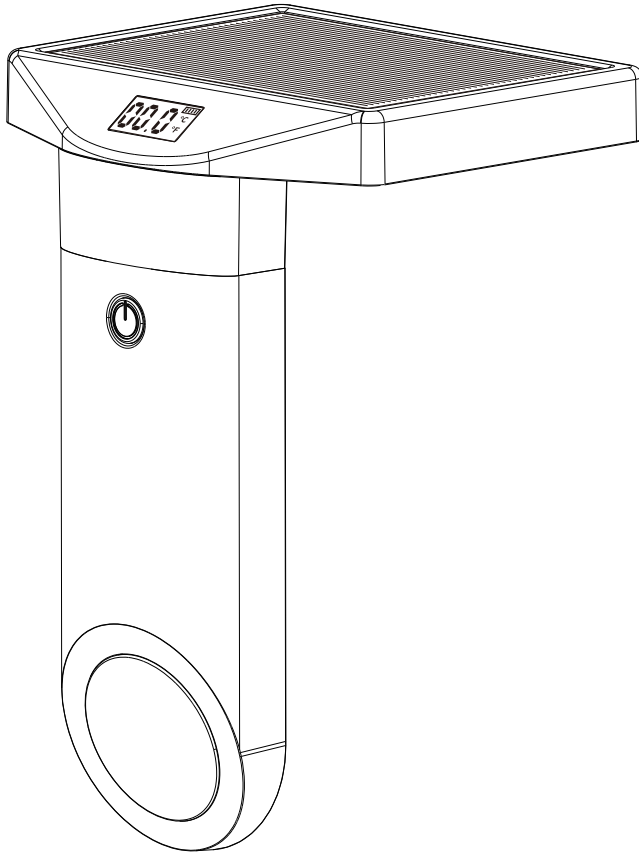


User Manual

Solar Pool Light



MODEL:DS178

PLEASE READ THIS MANUAL CAREFULLY AND KEEP IT FOR FUTURE REFERENCE

TABLE OF CONTENTS

Assembly Instructions 1-2

Product Functionality Overview2-3

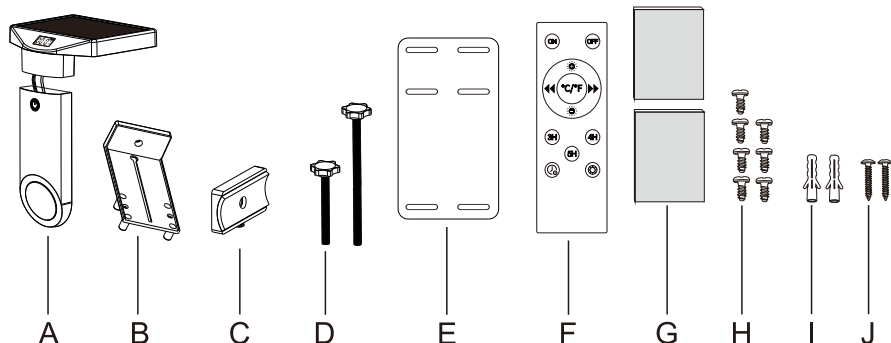
Installation Guide & Working Principle 4-5

Troubleshooting & Maintenance6

PARAMETER

Material	ABS+PC
Solar Panel	4.5V / 8W
Battery	3.2V / 6000mAh / LiFePO ₄
LED Quantity	55PCS
Color Temperature	RGBW
Waterproof Level	IP68

PRODUCT OVERVIEW



A. Solar light

B. Mounting Bracket Base

C. Mounting Bracket Slider

D. Long and Short Thumb Screws

E. Stainless Steel Fixed Plate

F. Remote Control

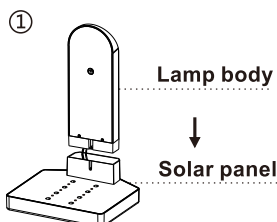
G. 3M VHB Tape x2

H. Round-head Screws x7

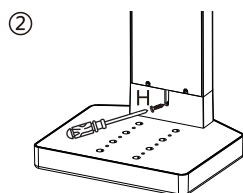
I. Expansion Plug X2

J. Self-Tapping Screws x2

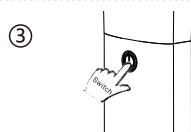
ASSEMBLY GUIDE



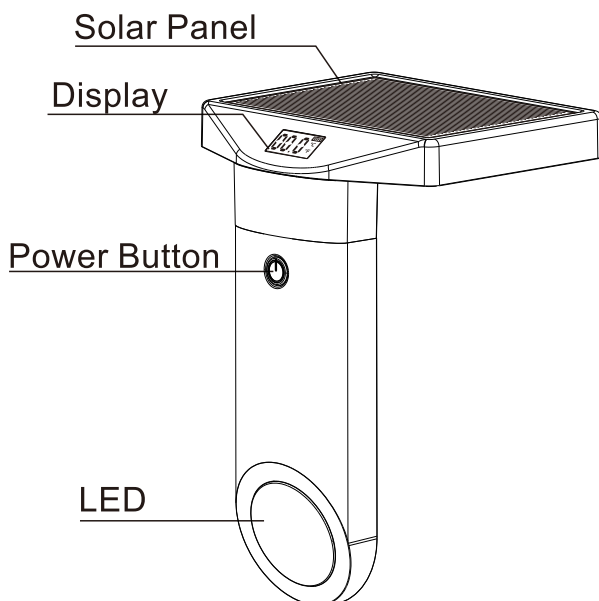
Combine the light body and the solar panel into one unit.



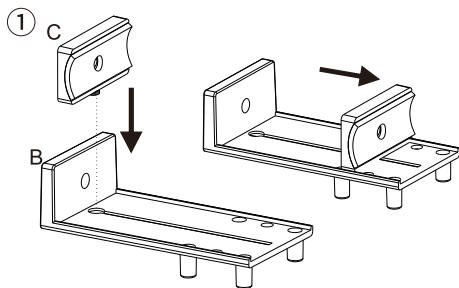
Secure with round head screws (H).



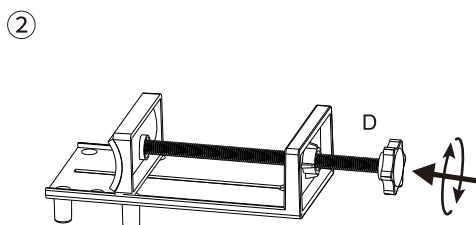
Press and hold for 3 seconds to turn on
(Lights up only in dark environments.)



Above Ground Pool Mounting Bracket Assembly Steps

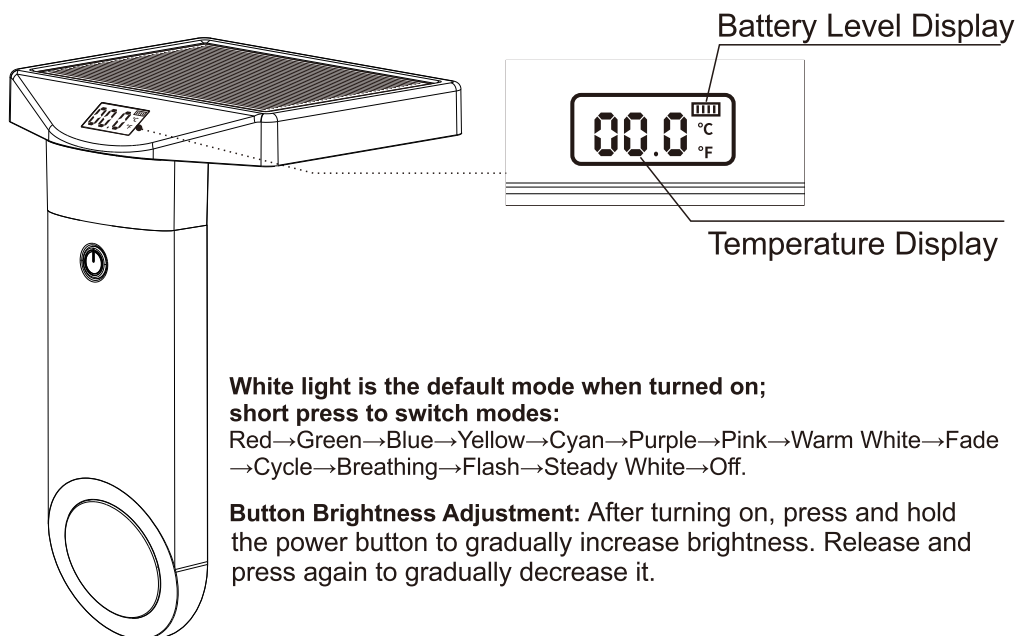


Align the mounting bracket slider with the base hole and insert it (Ensure the anti-slip pad faces the correct direction).



Choose the long or short thumb screw to secure it according to the thickness of the pool wall (For detailed installation steps, see pages 4–5).

DIRECTION FOR USE



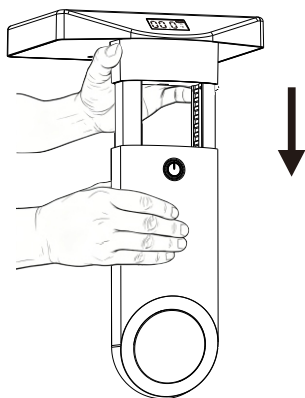
White light is the default mode when turned on; short press to switch modes:

Red→Green→Blue→Yellow→Cyan→Purple→Pink→Warm White→Fade→Cycle→Breathing→Flash→Steady White→Off.

Button Brightness Adjustment: After turning on, press and hold the power button to gradually increase brightness. Release and press again to gradually decrease it.

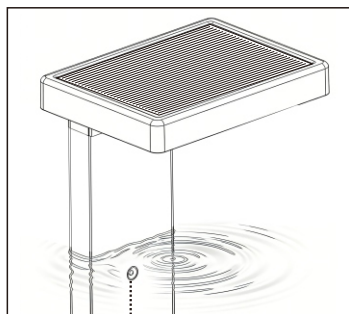
Note:

For first-time use, place the product in direct sunlight to charge for at least **8 hours** to ensure it is fully charged. Press and hold the power button for **3 seconds** to turn it on. When the display lights up, the device is on. The light will turn on automatically at night.



Adjustable Telescopic Structure:

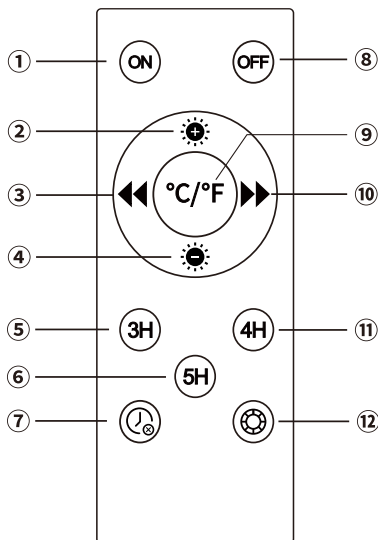
Apply moderate force and pull it out steadily to extend.



Temperature Sensor:

Please ensure the temperature sensor is submerged in water for accurate readings.

REMOTE CONTROL



①: Light On

②④: Long Press to Adjust Brightness (Max brightness provides up to 6 hours of illumination.)

③⑩: Color Switch

⑤⑪⑥: Timer Setting (Set once, and it will automatically follow a daily timer to save energy and prevent forgetting to turn it off.)

⑦: Cancel Timer

⑧: Light Off

⑨: °C / °F Switch

⑫: Mode Setting (Fade / Cycle / Breathing / Flash / Steady)

Attention:

Before using the remote control, make sure the pool light's power button is turned on; otherwise, the remote will not work.

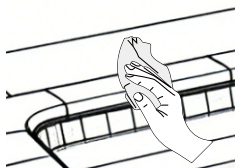
INSTALLATION GUIDE

Recommended to Install in a Sunny Location

Inground Pool

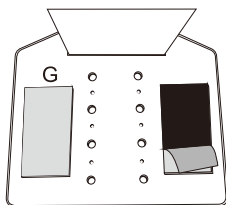
Method A: Secure with adhesive pads

①



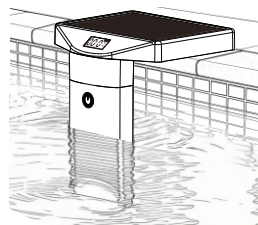
Please ensure that the installation surface is dry, flat, and clean.

②



Apply the 3M tape to the back of the solar panel.

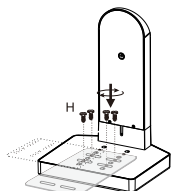
③



Adhere it to the pool edge to complete installation.

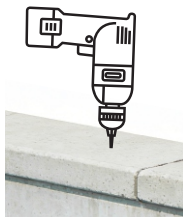
Method B: Secure with Screws (Drill Required)

①



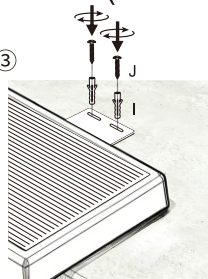
Use screws to secure the stainless steel plate to the back of the solar panel (the plate can be installed facing the side or front).

②



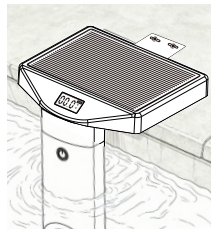
Determine the installation spacing and drill the holes.

③



Use self-tapping screws to secure the light to the pool wall.

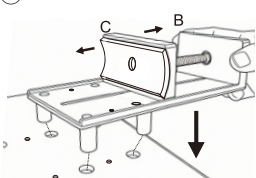
④



Installation Complete.

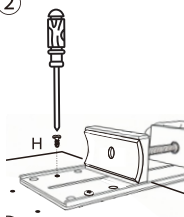
Above Ground Frame Pool

①



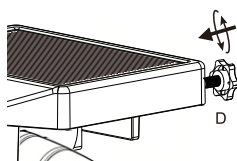
Insert the adjustable bracket into the holes on the back of the solar panel (into the appropriate holes as needed).

②



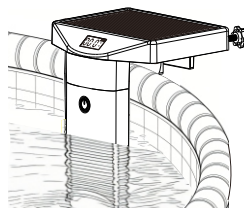
Secure the bracket with screws.

③



Tighten the thumb screw to secure the light to the pool railing.

④

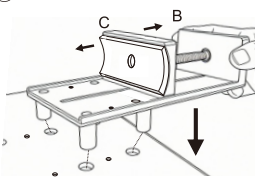


Installation Complete.

Above Ground Steel Wall Pool

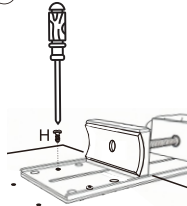
Method A: Bracket Mounting

①



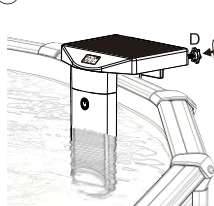
Insert the adjustable bracket into the holes on the back of the solar panel (into the appropriate holes as needed).

②



Secure the bracket with screws.

③



Tighten the thumb screw to secure the light to the pool railing.

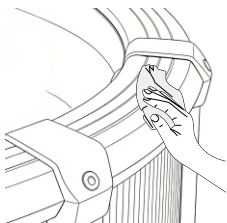
④



Installation Complete.

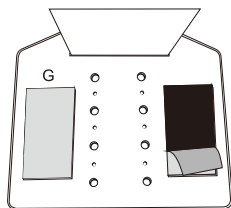
Method B: Secure with adhesive pad

①



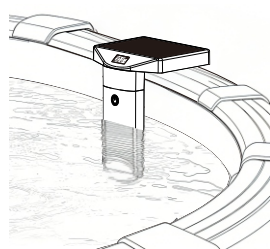
Please ensure that the installation surface is dry, flat, and clean.

②



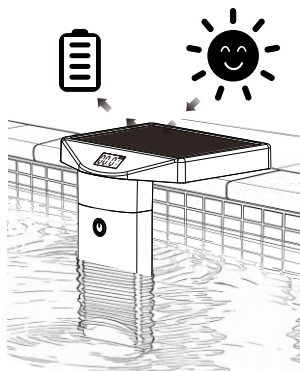
Apply the 3M tape to the back of the solar panel.

③

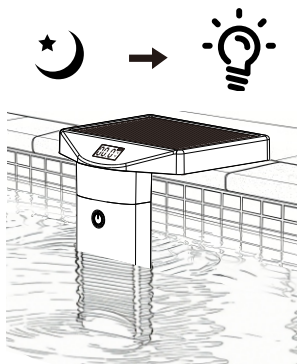


Adhere it to the pool edge to complete installation.

HOW SOLAR LIGHTS WORK



Automatically charges in sunlight during the day while keeping the light off.



Automatically lights up at night.



Remote control range is about 26 ft (8 m).

Note:

Ensure the power switch is turned ON; otherwise, the light will not turn on at night.

The control distance of the remote control may be affected by the angle from where the command is sent.

TROUBLESHOOTING

Phenomenon	Cause	Solution
Lamp does not light at night	Power switch is off	Turn on the power switch
	Not charged (first use)	Place under sunlight to charge
	Other light sources affecting the light sensor	Avoid installing under direct light sources (e.g., street lamps)
Lighting duration reduced	Insufficient charging due to extreme weather (normal phenomenon)	Turn off the lights to save power, continue charging the next day
	Dust/snow on solar panel reducing charging efficiency	Clean solar panel with a damp cloth
	Installed in shaded location affecting charging efficiency	Move to sunny location
At night the lamp flickers or lights briefly then goes out	Insufficient charge / first-time use not charged	Turn off and continue charging the next daycharging
Remote not working	Device not powered on	Press and hold the power button on the device to turn it on
	Remote control battery depleted	Replace battery (1.5V AAA)
Remote range is significantly reduced	Low or incorrect remote battery (not 1.5 V AAA)	

MAINTENANCE & SAFETY

Cleaning: It is recommended to wipe the solar panel regularly with a soft, damp cloth to maintain light transmittance and ensure efficient sunlight absorption.

Frost Protection: Lithium batteries are sensitive to cold; battery life may shorten in winter, which is a normal physical characteristic.

Battery Safety & Disposal:
Remove used batteries immediately and recycle or dispose of them according to local regulations. Keep batteries out of reach of children. Do not throw batteries in household trash or burn them.

If you encounter any problems with this product, please feel free to contact us, and we will help you resolve them.