

Lienuis

www.lienuis.com

Cordless Robotic Pool Cleaner

User Manual



A12P

READ AND SAVE THESE INSTRUCTIONS

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1. BEFORE YOU BEGIN

WELCOME

Thank you for purchasing this Lienuis product. All Lienuis products are manufactured with great care and are ETL certified. In addition, our products are tested and inspected strictly prior to shipment to ensure product quality and safety. At Lienuis we are very proud of our products and are completely committed to providing you with the best products and service possible. Your satisfaction is our number one priority. To ensure optimal and safe use, please read the following installation carefully before attempting to install or use your product. If you have any questions, please contact our Technical Service Department at:



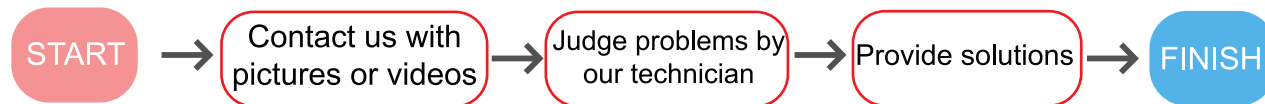
service@lienuis.com

1.1 Customer Service

Lienuis is committed to providing customers with premium Robotic Pool Cleaner. In order to provide you with more effective services, if there is any problem with the unit you purchased, please contact us and be ready to provide information as listed in "REQUIRED INFORMATION" below, and our professional after-sales personnel will give you an answer as soon as possible. Do not just enter "no good", "it didn't work" or "defective part." Our Tech Personnel will ask for more details. Failure to include specific information will delay the processing of the problem.

Please contact us: service@lienuis.com

1.2 Procedure of Getting Help



1.3 Product Warranty

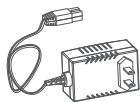
1. The product is covered by a 24-month warranty from the date of purchase (limited to the drive kit, battery and PCB). Wearable parts such as filters, brushes, wheels, and water outlets are not covered by the warranty.
2. Warranty will be void if the product is misused, disassembled without authorization, or repaired by unauthorized personnel.
3. Warranty does not cover any damage caused by improper use.
4. Any claims or repairs within the warranty period require an order number or relevant proof of purchase.
5. Provide lifetime technical service and troubleshooting support for any technical question.
6. If you need to use the warranty service, you can always contact us, we have professional service staff for you.

2. FOR YOUR SAFETY

Please read and follow the instructions below:

1. Carefully read this manual and use the Robotic Pool Cleaner strictly according to the instructions. Lienuis is not liable for any losses or injuries resulting from improper use.
2. Use only genuine or recommended accessories.
3. This model is designed for use in flat-bottom pools or pools with slopes less than 15 degrees.
4. Ensure that children do not sit on or treat the Robotic Pool Cleaner as a toy.
5. Never power on the Robotic Pool Cleaner when it is out of the water.
6. Keep people and animals out of the pool while the Robotic Pool Cleaner is in operation.
7. Avoid using the Robotic Pool Cleaner when the pool filter is running.
8. Make sure the charging port is dry before charging.
9. During charging, place the Robotic Pool Cleaner in a cool, shaded area, and leave it uncovered to prevent overheating and potential damage. The ambient temperature during charging should be within the range of 41 °F -95 °F (5 °C -35 °C).
10. Clean the filter after each use.
11. Always turn off the power when performing maintenance, cleaning, or when the Robotic Pool Cleaner is not in use.
12. Store the Robotic Pool Cleaner in a well-ventilated, shaded area, and keep it away from direct sunlight.
13. Only trained professionals should disassemble the drive kit of the Robotic Pool Cleaner.
14. For long-term storage, recharge the Robotic Pool Cleaner every 3 months to maintain its battery life.
15. The motor contains grease that may leak and contaminate the pool water if the motor is damaged. If a leak is suspected, immediately cease using the Robotic Pool Cleaner.
16. Do not use the Robotic Pool Cleaner immediately after applying pool chemicals or use it to dispense chemicals, as this can damage and corrode its components.

3. PACKING LIST



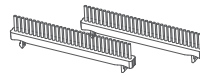
Charger X1



Hook X1



Floating Handle X1

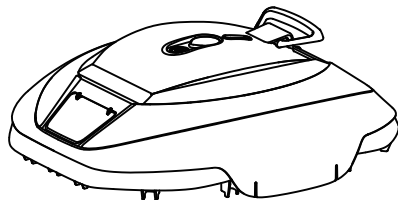


Brush X2

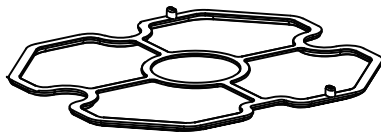


User Manual X1

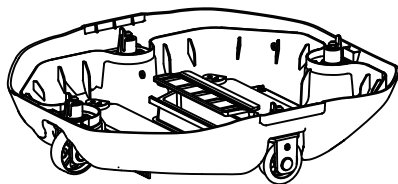
4. PRODUCT STRUCTURE



..... Top Cover



..... Filter



..... Chassis

5. PRODUCT SPECIFICATIONS AND OPERATING ENVIRONMENT

Model	A12P
Rated Working Voltage	11.1V
Rated Power	33W
Battery Life	90mins
Rated Input Volage of Charger	100-240V
Rated Input Current of Charger	1A
Rated Output Voltage of Charger	12.6V DC
Rated Output Current of Charger	2A
Battery Capacity	4,400 mAh
Charging Time	3h
Moving Speed	49.2 ft/min (15m/min)
Applicable Pool Size	Max. 850 sq.ft (80 m²)
Filter Density	180um
Net Weight	3.5kg
Water Depth	Max. 9.84ft(3m)
Waterproof Rating	IPX8

Pool Conditions

pH: 7.0-7.8

Temperature: 50°F-95°F(10°C-35°C)

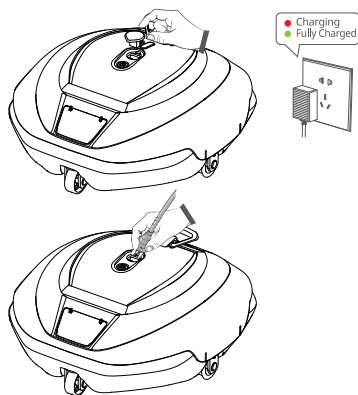
NaCl: Max.5,000 ppm

Chlorine: Max. 4ppm

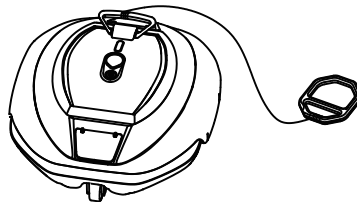
6. USING THE ROBOTIC POOL CLEANER

6.1 Setup and Power On

Ensure the Robotic Pool Cleaner is fully charged before each use.

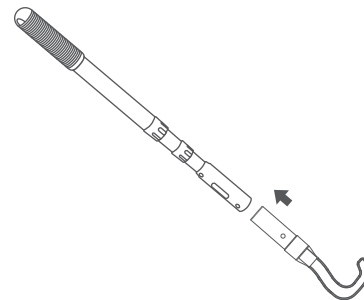


Attach the floating handle to the handle of the Robotic Pool Cleaner.



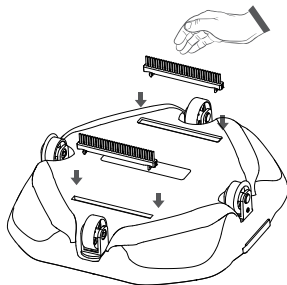
When securing the floating handle, adjust the cord length according to your pool's depth, ensuring the floating handle remains precisely at the water's surface.

Secure the hook onto a telescopic pole for easier retrieval.



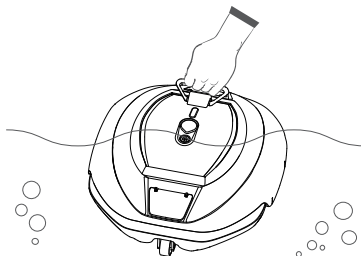
The telescopic pole is not provided.

Attach the brushes to the Robotic Pool Cleaner.



Attaching the brushes to the Robotic Pool Cleaner will enhance its cleaning performance. However, in pools with uneven or rough bottoms, the Robotic Pool Cleaner may experience obstructions. Therefore, we recommend users install the brushes only when the pool bottom is flat and require improved performance.

Gently submerge the Robotic Pool Cleaner into the water, holding it until no more bubbles emerge.



This process ensures all air is expelled from the Robotic Pool Cleaner.

After the Robotic Pool Cleaner is completely submerged, activate the power switch.

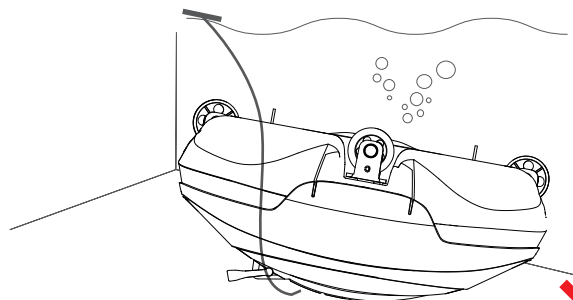
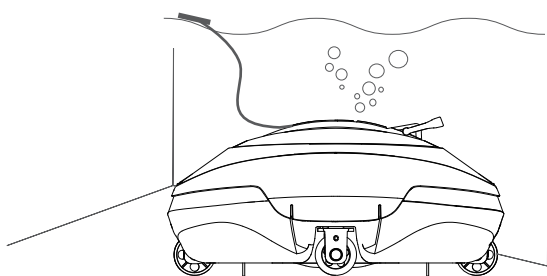


After powering on the Robotic Pool Cleaner, it will initiate self-check. If the Robotic Pool Cleaner is already in water, it will start operation. However, if not, the red light will flash.

In such case, turn off the power, place it into the water, and then power it on again to initiate operation.

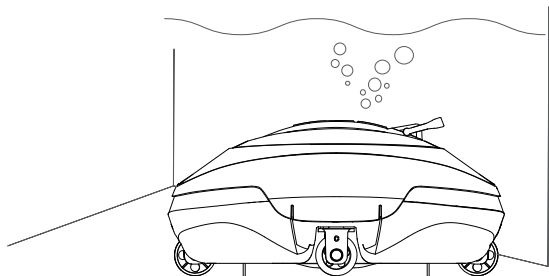
6.2 Placing the Cleaner Into the Pool

After powering on the Robotic Pool Cleaner, position the Robotic Pool Cleaner upright, with its bottom facing the pool floor and gently release the Robotic Pool Cleaner, allowing it to sink. If the Robotic Pool Cleaner lands upside down, adjust its orientation.



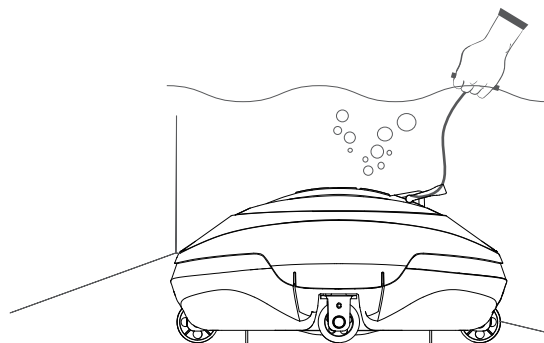
6.3 Pool Cleaning Process

The Robotic Pool Cleaner will autonomously navigate and clean the pool floor. If it encounters a wall, it will change direction. Once the battery is low, the Robotic Pool Cleaner will stop near a pool wall for easy retrieval.



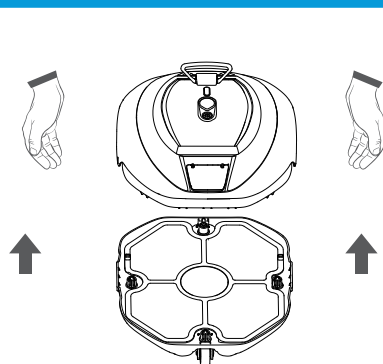
6.4 Removing the Robotic Pool Cleaner and Power Off

To remove the Robotic Pool Cleaner from the pool and turn it off, grasp the floating handle. If needed, you can also use the hook for removal.

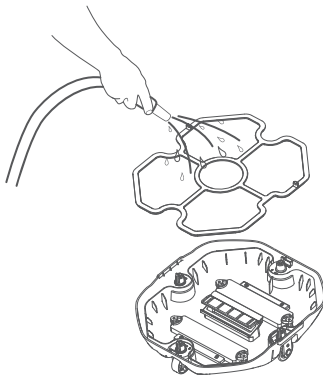


6.5 Cleaning and Maintenance After Use

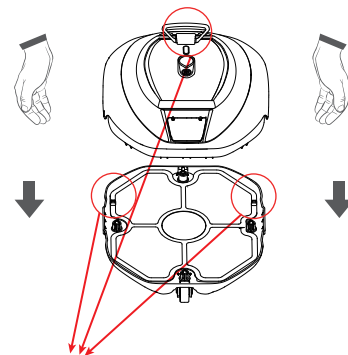
Unlatch the buckle to open the Robotic Pool Cleaner and take out the filter.



Rinse both the filter and chassis with a hose.



Reattach the filter, aligning the two small convex points with the handle, and then press down the top cover to securely close the Robotic Pool Cleaner.



When closing the Robotic Pool Cleaner, make sure the two convex points and the handle are on the same side.



Clean the filter after each use

It is strongly advised to rinse the Robotic Pool Cleaner weekly during on-season with fresh water to mitigate damage from pool chemicals.

6.6 Storage

If the Robotic Pool Cleaner is not used for an extended period, please follow these steps:

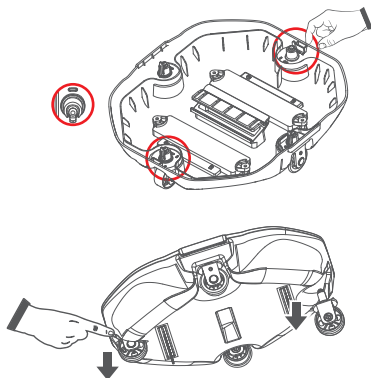
- 1. Ensure the Robotic Pool Cleaner is dry.
- 2. Install the filter after thoroughly cleaning.
- 3. Store the Robotic Pool Cleaner indoors away from direct sunlight/rain/frost and at a suitable temperature 41°F-95°F(5°C-35°C).
- 4. Charge the Robotic Pool Cleaner every 3 months.

6.7 Indicator Light Guide

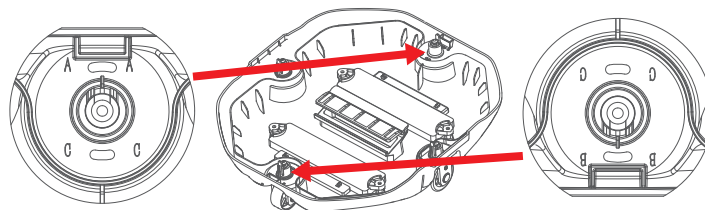
Operating Status	Indicator Light Display
Self-check	Blue light constant
Normal Operation	Blue light blinks
Power Off Notification	Red light blinks briefly when turning off the Robotic Pool Cleaner
Low Battery Mode	Blinking yellow light
Parking Near the Wall	Yellow light stays constant and turns off after 5 minutes
Normal Charging	Green light constant
Charging While the Robotic Pool Cleaner Not Powered Off	Red light blinks

6.8 Path Adjustment

The Robotic Pool Cleaner is equipped with two adjustable wheels. By adjusting these two wheels, you can change the Robotic Pool Cleaner's running path.



The recommended combinations above are suitable for different pool sizes. Customers are encouraged to adjust them according to the size of the pool.



Combination	Pool Size	Combination	Pool Size
A-C	Default Mode	B-C	Larger Pools
A-B	Smaller Pools	C-C	Big Pools

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Red Indicator Light Blinking (1s intervals)	The Robotic Pool Cleaner is not placed in the water promptly after powering on.	Press the power button again to restart the Robotic Pool Cleaner.
	The Robotic Pool Cleaner lifted out of the water while not powered off.	Press the power button again to restart the Robotic Pool Cleaner.
	The Robotic Pool Cleaner charging while not powered off.	Press the power button to turn off, clear the alarm, and resume normal charging.
Red Indicator Light Rapidly Blinking (0.5s intervals)	Debris stuck in the impeller.	Turn off the Robotic Pool Cleaner, and clear the debris stuck in the impeller.
No Indicator Lights	Battery is depleted.	Recharge the Robotic Pool Cleaner to restore normal operation.
Robotic Pool Cleaner Unable to Charge	The power outlet has no voltage.	Check if the power outlet has voltage or try a different power outlet.
	The power cord is not correctly connected to the power inlet.	Ensure the power cord is securely connected to the power source.
	Loose connection between the charging adapter and the Robotic Pool Cleaner.	Inspect the cable connection at both ends of the charging adapter and the Robotic Pool Cleaner.
	The charging adapter is not working.	When disconnected from the Robotic Pool Cleaner's charging port, check if the charger displays a green LED light. If not, consider replacing the charger.
	Water has entered the charging port.	Dry the charging port and try again.
Robotic Pool Cleaner Moves Slowly with Poor Cleaning Efficiency	The filter is clogged.	Clean the filter and debris in the Robotic Pool Cleaner.
	Bottom brushes obstructing movement.	Remove the brushes from the bottom.

Lienuis Robotic Pool Cleaner

In this busy modern life, we believe everyone deserves a clean, healthy and happy pool life. Our mission is to provide you with high quality pool robots and professional services to create a clean, healthy and happy pool life for you to enjoy the cool summer days and swim to your heart's content!

servie@lienuis.com

www.lienuis.com



Light Blue	PANTONE 292 C
Medium Blue	PANTONE 2925 C
Brand Grey	PANTONE P 172-15C
70%Black	PANTONE P 173-10 C
Pink	PANTONE 4067 U
Orange	PANTONE 137C
Red	PANTONE Bright Red C(亮红C)(23-1-7C)
Green	PANTONE P 142-16 C