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Lienuis A12P

Lienuis Robotic Pool Cleaner User Manual

Model: A12P

INTRODUCTION

Thank you for choosing the Lienuis Robotic Pool Cleaner. This cordless pool vacuum robot is designed to provide hassle-free and efficient cleaning for your pool, ensuring crystal clear water with minimal effort. Please read this manual thoroughly before operation to ensure proper use and maintenance.

PRODUCT FEATURES

- **Cordless Design:** Operates on a powerful internal 4400 mAh rechargeable battery, eliminating tangled cables and external power sources.
- **Powerful Suction:** Equipped with dual motors for enhanced suction, effectively tackling dirt, leaves, debris, and hair.
- **Smart Sensor Steering:** Advanced sensor technology enables agile and smooth steering, ensuring thorough coverage of the pool floor.
- **Self-Parking Function:** Automatically stops near the pool wall when the battery is low for easy retrieval.
- **Advanced Filtration & DirtLock Tech:** Captures tiny particles, dust, leaves, and fine sand, preventing re-entry into the pool. Features a spacious filter basket for less frequent emptying.
- **Extended Runtime:** Provides up to 90 minutes of cleaning time, suitable for pools up to 850 sq.ft.



Figure 1: Lienuis Robotic Pool Cleaner (Model A12P)

This image shows the overall design of the Lienuis Robotic Pool Cleaner, highlighting its compact and modern appearance.

SETUP

1. **Unboxing:** Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present.
2. **Initial Charge:** Before first use, fully charge the robotic pool cleaner. Connect the charger to the charging port located on the top of the unit. The indicator light will show charging status (refer to Specifications section for light guide). A full charge takes approximately 3 hours.
3. **Install Brushes (Optional):** For pools with uneven bottoms or specific debris, attach the provided brushes to the designated slots on the underside of the cleaner. They snap right in.
4. **Attach Retrieval Hook/Rope:** Secure the floating rope to the cleaner's handle. This allows for easy retrieval of the unit from the pool. The provided hook can be attached to a standard telescopic pool pole for extended reach.



Figure 2: Charging the Robotic Pool Cleaner

This image illustrates the robotic pool cleaner connected to its charger, indicating its 4400 mAh rechargeable battery and fast charging capability.

OPERATING INSTRUCTIONS

1. **Power On:** Press the power button on the top of the unit. The indicator light will turn blue, signifying normal operation.
2. **Submerge in Pool:** Gently place the cleaner into the pool. Submerge it slowly to allow any trapped air to escape. The unit will begin its cleaning cycle automatically.
3. **Cleaning Cycle:** The cleaner will navigate the pool floor using its smart sensors, covering areas up to 850 sq.ft. It operates for up to 90 minutes on a full charge.
4. **Self-Parking:** When the battery is low, the cleaner will automatically move to the nearest pool wall and stop,

making it easy to retrieve.

5. **Retrieval:** Use the attached floating rope or the provided hook on a telescopic pole to lift the cleaner out of the water. Allow excess water to drain before removing it completely.



Figure 3: Robotic Pool Cleaner demonstrating strong suction

This image shows the robotic pool cleaner actively cleaning the pool floor, illustrating its powerful suction capability to remove debris.

SELF-PARKING

Automatically pulls over when the battery is low



Figure 4: Robotic Pool Cleaner's self-parking feature

This image depicts the robotic pool cleaner automatically parking itself near the pool wall when its battery is low, indicated by a 'P' symbol and a battery icon.

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Video 1: Lienuis Cordless Pool Cleaner Robot for Above Ground Pool

This video provides an overview of the Lienuis Cordless Pool Cleaner Robot, demonstrating its features and operation in an above-ground pool setting.

MAINTENANCE

1. **Empty Filter Basket:** After each use, or when the cleaner's performance decreases, empty the spacious filter basket. The advanced DirtLock Tech ensures zero leakage during removal.
2. **Clean Filter:** Rinse the filter thoroughly with a hose to remove all trapped debris, dust, and fine sand. Ensure it

is completely clean before reinserting.

3. **Storage:** When not in use for an extended period, ensure the robotic pool cleaner is dry. Store it indoors away from direct sunlight, rain, or frost, at a suitable temperature (41°F-95°F / 5°C-35°C).
4. **Regular Charging:** Charge the Robotic Pool Cleaner every 3 months even if not in use to maintain battery health.



Figure 5: Larger bottom filter tray for easy cleaning

This image displays the large capacity filter tray of the robotic pool cleaner, showing how easily it can be removed and cleaned to maximize cleanliness.

FAST DRAINAGE & ZERO LEAKAGE

Swift Draining, Leak-Free Solutions for Your Pool!



Figure 6: Fast drainage and zero leakage feature

This image demonstrates the fast drainage and zero leakage capabilities of the robotic pool cleaner as it is lifted from the water, preventing debris from returning to the pool.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner not moving or stopping frequently.	Low battery; Obstruction in wheels/brushes; Uneven pool bottom (for above-ground pools).	Fully charge the unit. Check for and remove any debris from wheels or brushes. For uneven pool bottoms, manual nudging may be required as noted by some users.
Poor suction or debris left behind.	Full filter basket; Clogged filter; Dual motors not functioning optimally.	Empty and thoroughly clean the filter basket. Ensure no large debris is blocking the suction inlets.
Cleaner not parking near wall when battery is low.	Sensor malfunction; Extremely low battery before self-parking initiation.	Ensure the pool is clear of large obstacles that might interfere with sensor operation. If problem persists, contact customer support.
Charging pins corroded (especially in saltwater pools).	Improper drying before charging.	Always ensure the charging port and pins are completely dry before plugging in the charger. Use a Q-tip if necessary.

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Video 2: Lienuis Cordless Robotic Pool Cleaner in action

This video demonstrates the robotic pool cleaner's movement and cleaning capabilities, which can be helpful for troubleshooting navigation issues.

SPECIFICATIONS

Feature	Detail
Model Number	A12P
Battery Capacity	4400 mAh
Runtime	Up to 90 minutes
Charging Time	Approx. 3 hours for full charge
Coverage Area	Up to 850 sq.ft (flat pools)
Motor Type	Dual Motors
Filtration System	Advanced Filtration with DirtLock Tech
Product Dimensions	17.3 x 15.9 x 8.6 inches
Item Weight	11.23 pounds
Recommended Pool Type	In-ground and above-ground flat pools
Storage Temperature	41°F-95°F (5°C-35°C)

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

WARRANTY AND SUPPORT

Lienuis offers a **one-year warranty** with your purchase of the Robotic Pool Cleaner. We are committed to providing fantastic service and support every step of the way.

If you have any questions, need assistance, or have any concerns, please do not hesitate to reach out to us anytime.

Contact Information:

Email: service@lienuis.com

For more information, visit the Lienuis Store on Amazon.