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Lydsto P1 MINI-FH

Lydsto P1 MINI Robotic Pool Vacuum Instruction Manual

Model: P1 MINI-FH

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1. SETUP

Before first use, ensure the Lydsto P1 MINI Robotic Pool Vacuum is fully charged. Connect the power adapter to the charging port located on the underside of the unit. The indicator light will show charging status.

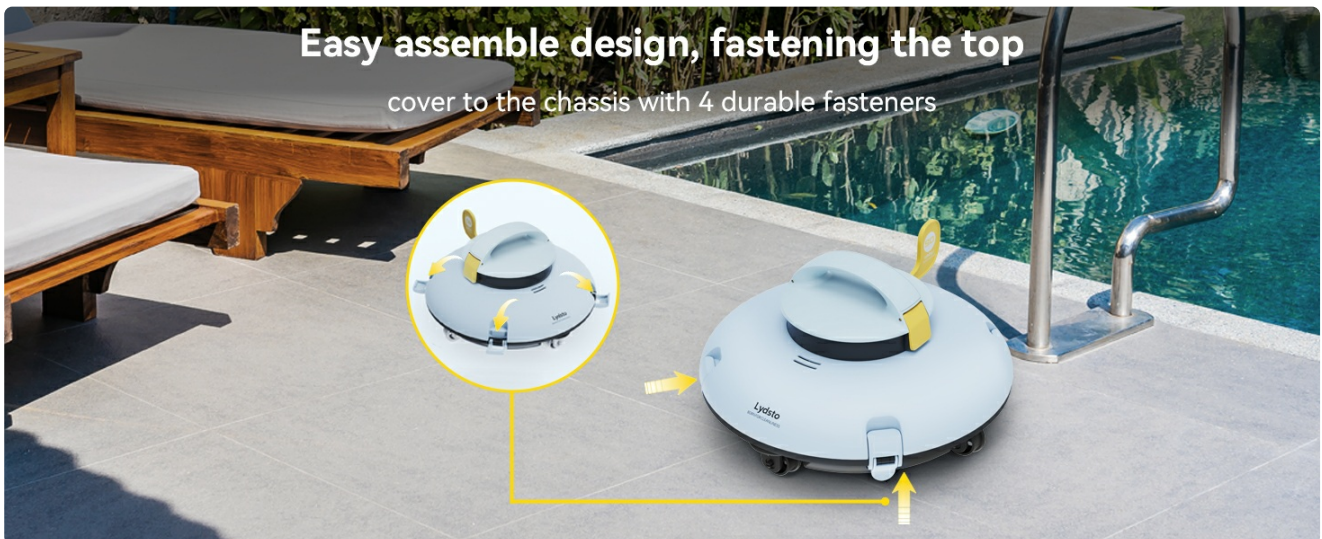


Figure 1: Charging the Lydsto P1 MINI Robotic Pool Vacuum. Ensure the unit is fully charged before initial operation.

The unit features an easy assembly design. Secure the top cover to the chassis using the four durable fasteners. Attach the floating cap to the designated slot on the top of the cleaner. This cap helps with retrieval.



Figure 2: Easy assembly design, fastening the top cover to the chassis with 4 durable fasteners.

For a visual guide on unboxing and initial setup, please refer to the video below.

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Video 1: Unboxing and initial setup guide for the Lydsto P1 MINI Robotic Pool Vacuum. This video demonstrates how to prepare the cleaner for its first use.

2. OPERATION

The Lydsto P1 MINI is designed for efficient cleaning of flat-bottomed inground and above-ground pools up to 35 feet. It features smart water sensor technology and dual-drive motors for effective debris collection.



Figure 3: The Lydsto P1 MINI Robotic Pool Cleaner operating in a pool.

Starting the Cleaner

1. Ensure the cleaner is fully charged.
2. Place the cleaner into the pool. It is crucial to submerge the unit completely before activating it.
3. Once fully submerged, press the power button located on the underside of the unit. The cleaner will begin its cleaning cycle.

Auto-steering Technology

When the robot touches a wall, it automatically changes its direction of travel to perform cleaning tasks

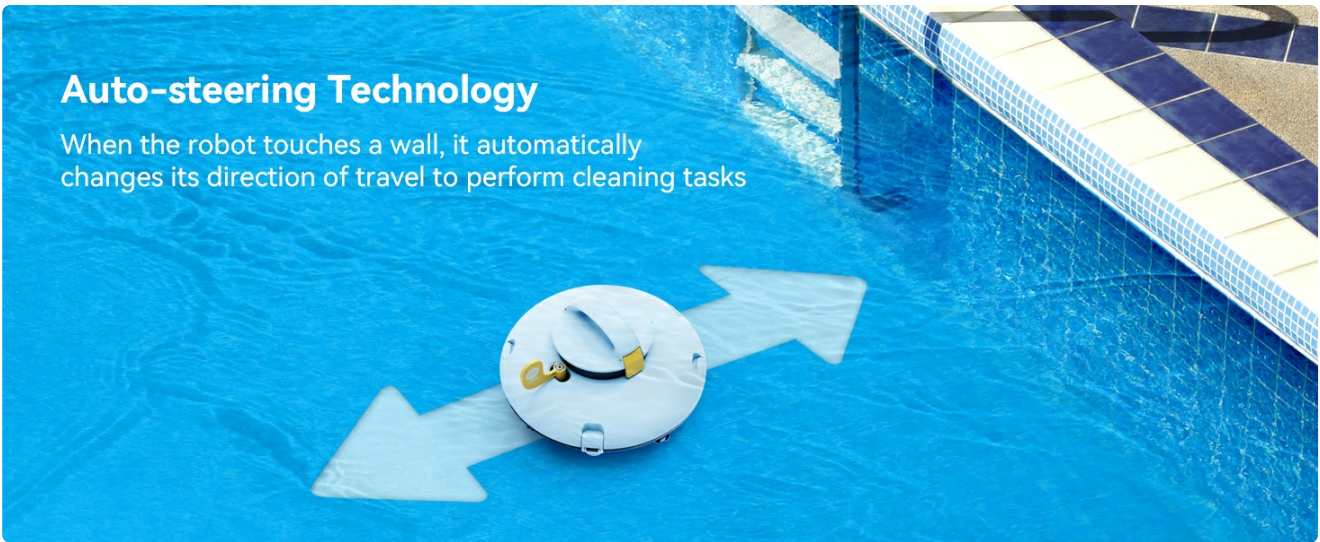


Figure 4: Activating the power button on the underside of the cleaner once fully submerged in water.

Cleaning Cycle

The Lydsto P1 MINI operates for approximately 60 minutes on a full charge. It utilizes a 250µm high-precision filtration system to intercept particulate matter, leaves, stones, and other debris. Front and rear scrapers provide synchronous cleaning, efficiently removing dirt from the pool bottom.



Figure 5: The cleaner's front and rear scrapers ensure synchronous and efficient cleaning.

The auto-steering technology ensures comprehensive coverage. When the robot encounters a wall, it automatically changes its direction to continue cleaning.

Powerful Cleaning Performance

Move into a new era of cleanliness



Brushless Dual Motor



Durable Filter



Moving Speed 52.5ft(16m)/min



Strong Suction 6000 GPA

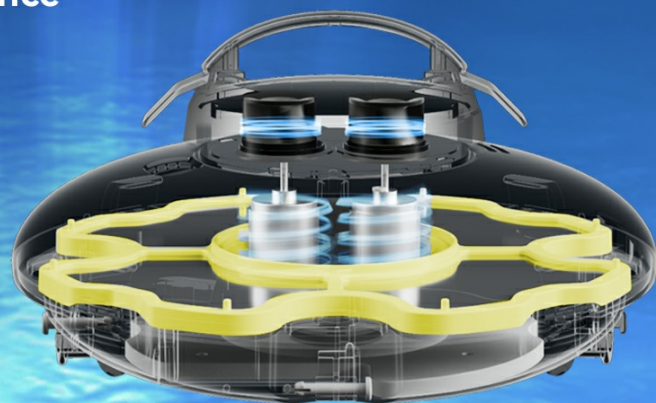


Figure 6: Auto-steering technology allows the robot to change direction upon contact with pool walls.

Observe the cleaner in action:

Your browser does not support the video tag.

Video 2: Demonstration of the Lydsto P1 MINI Robotic Pool Vacuum's cleaning effectiveness in a pool.

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Video 3: A short demonstration highlighting the ease of use of the Lydsto P1 MINI Pool Cleaner.

Retrieving the Cleaner

Once the cleaning cycle is complete or the battery is low, the cleaner will typically float to the surface or a shallow area. Use the provided retrieval hook to safely pull the unit out of the water.



Figure 7: Safely retrieving the lightweight Lydsto P1 MINI from the pool using the provided hook.

3. MAINTENANCE

Regular cleaning of the filter is essential to maintain optimal performance of your Lydsto P1 MINI Robotic Pool Vacuum.

Cleaning the Filter

1. After each use, remove the top cover of the cleaner by unlatching the fasteners.
2. Carefully lift out the filter basket.
3. Rinse the filter basket thoroughly with a hose to remove all collected debris.
4. Reassemble the filter basket and top cover, ensuring all fasteners are securely latched.



Figure 8: Rinsing the filter basket to remove debris after use.

4. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner does not start.	Low battery or not powered on.	Ensure the unit is fully charged. Press the power button only after the unit is fully submerged in water.
Poor cleaning performance.	Clogged filter or debris in suction ports.	Clean the filter basket thoroughly. Check and clear any obstructions from the suction ports.
Cleaner gets stuck frequently.	Uneven pool bottom (wrinkles) or large obstacles.	The cleaner is designed for flat-bottomed pools. Manually assist if it gets stuck on wrinkles. Remove large obstacles from the pool.
Cleaner stops prematurely.	Battery depleted.	Recharge the unit. A full charge provides approximately 60 minutes of operation.

5. SPECIFICATIONS

- **Model Name:** P1 MINI
- **Item Model Number:** P1 MINI-FH
- **Special Feature:** Cordless
- **Control Method:** App (Note: Product specifications list 'App' control, but operational videos primarily show manual button activation. Please refer to the product packaging for definitive control methods.)
- **Voltage:** 11.4 Volts (DC)
- **Lithium Battery Voltage:** 11.4 Volts (DC)
- **Lithium Battery Energy Content:** 24.84 Watt Hours

- **Number of Batteries:** 3 AAA batteries required (included) (Note: These AAA batteries are likely for a remote control or indicator, not the main power source for the robotic cleaner.)
- **Battery Description:** Alkaline (for AAA batteries)
- **Installation Type:** Plug-and-play
- **Product Dimensions:** 15.98 x 15.55 x 9.8 inches
- **Item Weight:** 11.68 pounds
- **Material:** Plastic
- **Color:** White
- **Power Source:** Battery Powered
- **Efficiency:** High

6. WARRANTY

The Lydsto P1 MINI Robotic Pool Vacuum comes with a **Limited Warranty**. For specific terms and conditions, please refer to the warranty card included in your product packaging or visit the official Lydsto website.

7. SUPPORT

For further assistance, product inquiries, or technical support, please visit the official Lydsto website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

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