

AIPER PRX9

Aiper Scuba X1 Pro Max Robotic Pool Cleaner

USER MANUAL

1. Introduction

Welcome to the user manual for your new Aiper Scuba X1 Pro Max Robotic Pool Cleaner. This advanced robotic cleaner is designed to provide comprehensive and efficient cleaning for all types of inground pools up to 3230 sq.ft. With its innovative 360-degree mapping, adaptive path planning, and powerful 8500 GPH suction, the Scuba X1 Pro Max ensures a pristine pool environment with minimal effort.

Please read this manual thoroughly before operating the device to ensure proper use, optimal performance, and safety. Keep this manual for future reference.

2. Safety Information

Always adhere to the following safety precautions to prevent injury or damage to the device and your pool.

- Ensure the power outlet is properly grounded and matches the voltage requirements of the charging station.
- Do not operate the cleaner if the power cord or plug is damaged.
- Keep children and pets away from the pool area while the cleaner is in operation.
- Never enter the pool while the cleaner is running.
- Only use original Aiper accessories and replacement parts.
- Do not attempt to disassemble or repair the cleaner yourself. Contact qualified service personnel.
- Remove the cleaner from the pool before adding chemicals or performing maintenance on the pool system.
- Store the cleaner and charging station in a cool, dry place away from direct sunlight when not in use.

3. Package Contents

Verify that all items are present in the package:

- Aiper Scuba X1 Pro Max Robotic Pool Cleaner Unit
- Wireless Charging Station
- Power Adapter
- Retrieval Hook

- User Manual
- Optional: Aiper Caddy (if purchased as a bundle)





Figure 3.1: Aiper Scuba X1 Pro Max Robotic Pool Cleaner with its optional caddy for easy transport and storage.

4. Product Overview

The Aiper Scuba X1 Pro Max is an all-in-one solution for comprehensive pool care, designed to clean various surfaces and areas within your pool.



Figure 4.1: The Scuba X1 Pro Max offers comprehensive cleaning for the pool floor, walls, waterline, multi-platforms, and even surface skimming.

Precision Pool Mapping: Equipped with 40 ultrasonic sensors, the cleaner performs 360-degree pool mapping to create

an adaptive path plan, ensuring complete coverage and efficient cleaning.

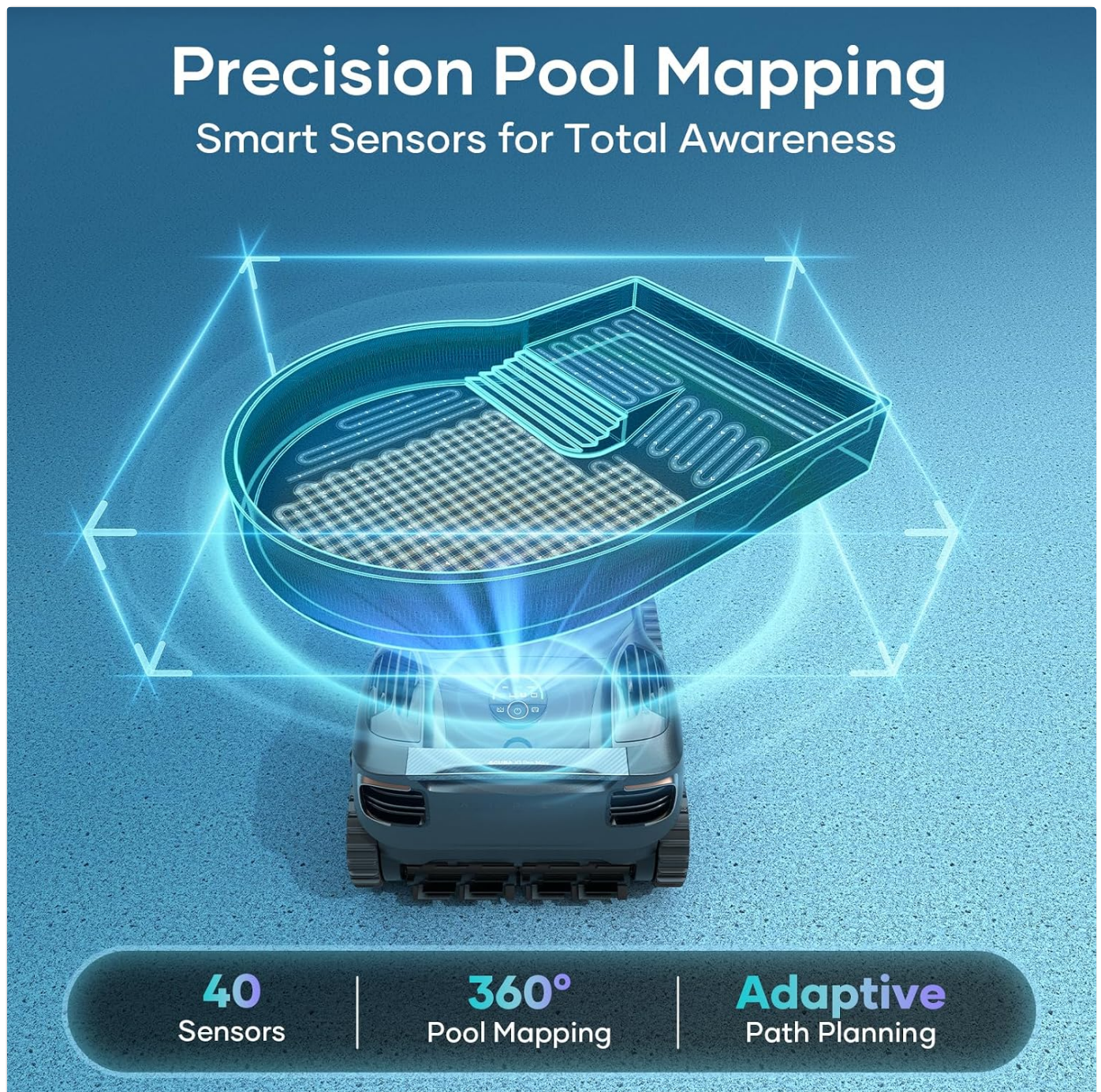


Figure 4.2: The cleaner utilizes 40 sensors for 360-degree pool mapping and adaptive path planning, optimizing its cleaning route.

Smart Adaptive Cleaning Power: The device automatically detects and intelligently adjusts its cleaning power based on the debris level, ensuring effective removal of various particles.

Automatically Detect, Intelligently Adjust

Smart Adaptive Cleaning Power



Figure 4.3: The Aiper Scuba X1 Pro Max intelligently adapts its cleaning power to effectively handle different types and amounts of debris.

Smart Surface Retrieval: Upon completion of a cleaning cycle or when the battery is low, the cleaner automatically parks itself near the entry point for easy retrieval, and can send an app notification.

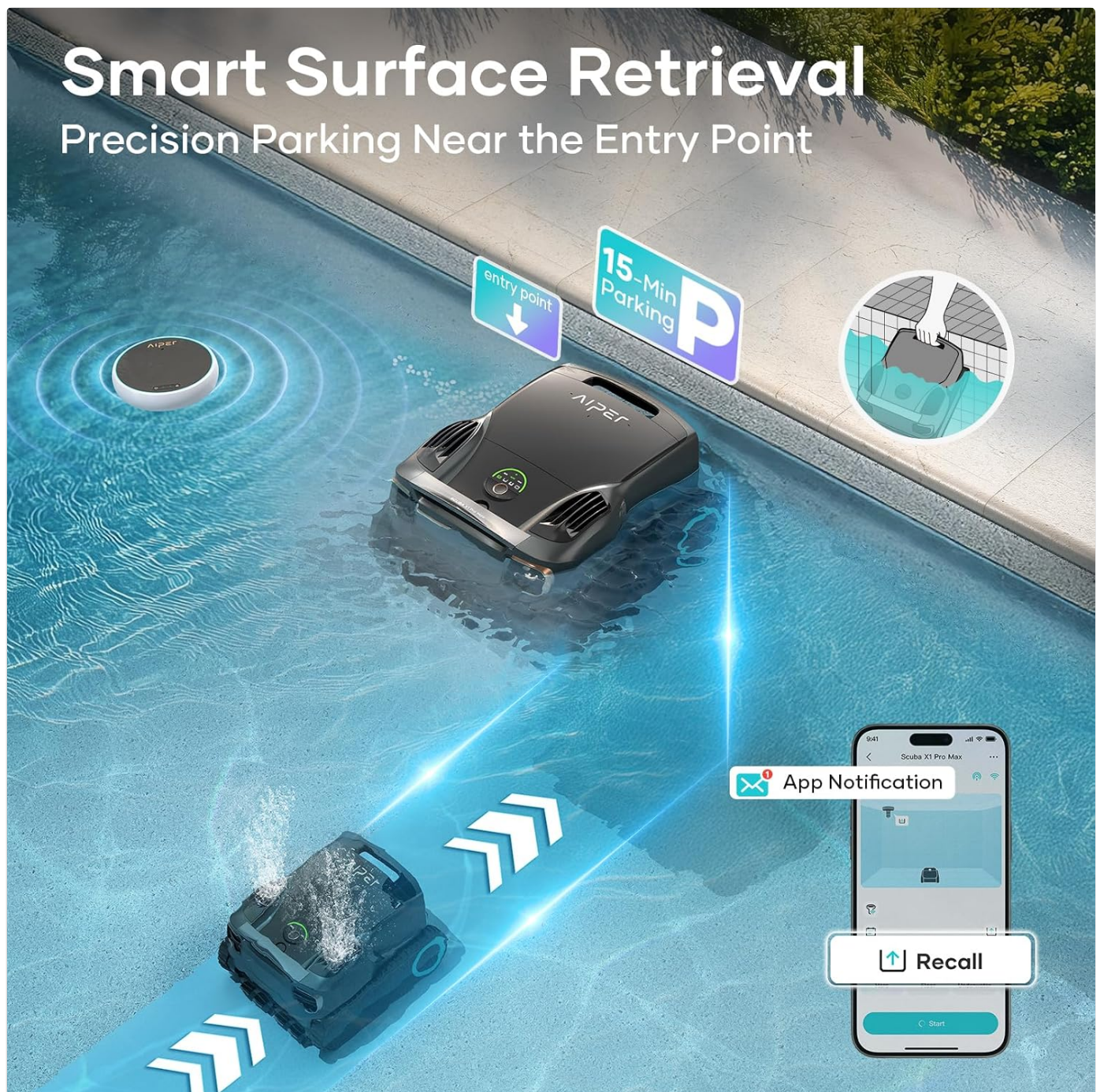


Figure 4.4: The robotic cleaner features smart surface retrieval, parking itself conveniently near the pool's edge and sending an app notification.

Multi-Layer Filtration System: The cleaner features an extra multi-layer filtration system capable of trapping the finest particles, from ultra-fine $3\mu\text{m}$ particles like sand, dust, and algae, to standard $180\mu\text{m}$ debris like leaves, twigs, and hairs.

Trap the Finest Particles

with Extra Multi-Layer Filtration



Figure 4.5: The multi-layer filtration system effectively captures both ultra-fine particles (3µm) and larger debris (180µm).

Industry-Leading Cleaning Power: With dual-jet propulsion, 9 motors, and TVC engines, the Scuba X1 Pro Max delivers an industry-leading 8500 GPH (Gallons Per Hour) cleaning power.

Industry-Leading 8500 GPH Cleaning Power



Dual-Jet

9 Motors

TVC Engines

Figure 4.6: The cleaner boasts 8500 GPH cleaning power, driven by dual-jet technology, 9 motors, and TVC engines for superior performance.

Extended Battery Life: The powerful battery provides up to 12 hours of surface cleaning, 5 hours of floor cleaning, or 5.5 hours in SuperEco Mode, ensuring ample time to clean large pools.



Figure 4.7: The Aiper Scuba X1 Pro Max offers extended battery life for various cleaning durations.

Official Product Videos

Video 4.1: **Fly to the Space- Aiper Scuba X1 Pro Max Poolside Hero** (Duration: 2:48). This video showcases the Aiper Scuba X1 Pro Max's advanced capabilities and design, highlighting its performance as a poolside cleaning solution.

Video 4.2: **Aiper x Diamondbacks: Your Ultimate Clean-Up Hitter** (Duration: 0:30). This short video demonstrates the cleaner's efficiency and power, likening its performance to a top-tier athlete in pool maintenance.

5. Setup

Follow these steps for initial setup of your Aiper Scuba X1 Pro Max.

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect the cleaner and accessories for any signs of damage.
2. **Place Charging Station:** Position the wireless charging station on a flat, stable surface near your pool, ensuring it is within reach of a grounded power outlet and protected from direct sunlight and harsh weather.

3. **Connect Power:** Plug the power adapter into the charging station and then into a grounded electrical outlet.
4. **Initial Charge:** Place the Aiper Scuba X1 Pro Max onto the charging station. Ensure the charging indicators illuminate, confirming a proper connection. Allow the unit to fully charge before first use (approximately 3-4 hours).
5. **Download Aiper App (Optional but Recommended):** For enhanced control and features, download the official Aiper app from your device's app store. Follow the in-app instructions to pair your cleaner.
6. **HydroComm Pro (Optional):** If you have the optional HydroComm Pro, refer to its separate manual for setup and integration with the Aiper app for real-time underwater control and water monitoring.

6. Operating Instructions

The Aiper Scuba X1 Pro Max offers various cleaning modes to suit your pool's needs. You can select modes directly on the unit or via the Aiper app.

Cleaning Modes:

- **Auto Mode:** The cleaner automatically maps your pool and selects the most efficient cleaning path for floors, walls, and waterlines.
- **Floor Mode:** Focuses cleaning on the pool floor only.
- **Wall Mode:** Concentrates on scrubbing pool walls and climbing to the waterline.
- **Waterline Mode:** Specifically cleans the waterline area.
- **SuperEco Mode:** An energy-saving mode for lighter cleaning tasks, extending battery life.
- **Multi-Platform Mode:** Designed to clean elevated platforms within the pool.

Starting a Cleaning Cycle:

1. Ensure the cleaner is fully charged.
2. Select your desired cleaning mode using the buttons on the unit or through the Aiper app.
3. Gently lower the cleaner into the pool. It will begin its cleaning cycle automatically.
4. Once the cleaning cycle is complete or the battery is low, the cleaner will automatically park itself near the edge of the pool. Use the retrieval hook to safely remove it from the water.

App Control:

The Aiper app provides advanced control and monitoring features:

- Select and customize cleaning modes.
- View cleaning progress and battery status.
- Receive notifications when cleaning is complete or for maintenance alerts.
- Access the 'Lab Feature' for new and experimental cleaning modes and OTA updates.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Aiper Scuba X1 Pro Max.

Cleaning the Filter Basket:

1. After each cleaning cycle, remove the cleaner from the pool.
2. Open the filter compartment and remove the filter basket.

3. Empty any collected debris from the basket.
4. Rinse the filter basket thoroughly with a garden hose to remove fine particles.
5. Ensure the filter basket is completely dry before reinserting it into the cleaner.

General Unit Care:

- Rinse the exterior of the cleaner with fresh water after each use to remove pool chemicals and debris.
- Periodically inspect the tracks and brushes for wear and tear. Replace if necessary.
- Ensure the charging contacts on both the cleaner and the charging station are clean and dry before charging.
- Store the cleaner in a shaded, dry area when not in use, especially during off-season.

8. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery; Power connection issue.	Ensure unit is fully charged. Check power adapter and charging station connection.
Cleaner not moving or stuck.	Debris caught in tracks/brushes; Obstruction in pool; Sensor issue.	Remove cleaner and clear any debris. Check pool for large obstructions. Restart the unit.
Poor cleaning performance.	Full or dirty filter basket; Worn brushes; Incorrect cleaning mode.	Clean filter basket thoroughly. Inspect and replace worn brushes. Select appropriate cleaning mode.
App connection issues.	Bluetooth/Wi-Fi interference; Cleaner out of range; App not updated.	Ensure cleaner is near the surface for connection. Check Wi-Fi signal. Update app to latest version.
Cleaner does not climb walls.	Dirty brushes; Air in unit; Water chemistry imbalance.	Clean brushes. Ensure unit is fully submerged and air bubbles are released. Check pool water chemistry.

9. Specifications

Key technical specifications for the Aiper Scuba X1 Pro Max Robotic Pool Cleaner:

Feature	Detail
Model Name	Scuba X1 Pro Max
Item Model Number	PRX9
Product Dimensions	16.85 x 11.73 x 19.69 inches
Item Weight	54.9 pounds
Power Source	Battery Powered (Lithium-Ion)
Lithium Battery Energy Content	262 Watt Hours

Feature	Detail
Cleaning Power	8500 GPH (Gallons Per Hour)
Control Method	App
Material	Plastic, Metal
Installation Type	Robotic
Efficiency	High Efficiency, Energy Efficient, Time-efficient

10. Warranty and Support

The Aiper Scuba X1 Pro Max Robotic Pool Cleaner comes with a**Full, 3-year warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Aiper Customer Service through the official Aiper website or the contact information provided in your product packaging. Please have your model number (PRX9) and proof of purchase ready when contacting support.

For the most up-to-date support resources, FAQs, and troubleshooting guides, please visit the official Aiper support page online.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

