

[Manuals.plus](#) /

› [AIPER](#) /

› AIPER Scuba X1 Pro Cordless Robotic Pool Cleaner User Manual

AIPER PRT1P

AIPER Scuba X1 Pro Cordless Robotic Pool Cleaner User Manual

Model: PRT1P

Brand: AIPER

INTRODUCTION

The AIPER Scuba X1 Pro is an advanced cordless robotic pool cleaner engineered to provide efficient and comprehensive cleaning for inground pools. Featuring intelligent navigation, adaptive cleaning modes, and powerful suction, this device simplifies pool maintenance, ensuring a spotless swimming environment. This manual provides essential information for setup, operation, maintenance, and troubleshooting to help you get the most out of your Scuba X1 Pro.



The AIPER Scuba X1 Pro, a cordless robotic pool cleaner, shown with its charging dock and a smartphone displaying the control app.

SAFETY INFORMATION

Please read all safety instructions carefully before operating the AIPER Scuba X1 Pro. Failure to follow these instructions may result in damage to the product, property, or personal injury.

- Ensure the charging dock is placed in a dry, shaded area, away from direct sunlight and water.
- Do not operate the cleaner when people or pets are in the pool.
- Only use the original power adapter and charging dock provided with the cleaner.
- Do not attempt to disassemble or repair the cleaner yourself. Contact customer support for assistance.
- Always turn off the cleaner and disconnect it from the charging dock before performing any maintenance or cleaning.
- Keep the cleaner out of reach of children.

WHAT'S IN THE BOX

Upon unpacking your AIPER Scuba X1 Pro, verify that all components are present:

- AIPER Scuba X1 Pro Robotic Pool Cleaner Unit
- Charging Dock
- Power Adapter
- Filter Basket (pre-installed)
- Replaceable MicroMesh Filter
- Retrieval Hook
- User Manual (this document)

SETUP

1. Charging Dock Assembly

Assemble the charging dock by securely connecting its components. Ensure it is stable and placed on a flat, dry surface near your pool, but away from direct water exposure.

2. Initial Charging

Place the Scuba X1 Pro onto the charging dock. The cleaner will automatically begin charging. A full charge takes approximately 5 hours. The indicator lights on the cleaner will show the charging status.

3. App Download and Setup

Download the official AIPER App from your device's app store. Follow the in-app instructions to pair your Scuba X1 Pro with your smartphone. This will enable smart mapping, mode selection, and real-time monitoring.

OPERATING INSTRUCTIONS

1. Placing the Cleaner in the Pool

Gently lower the Scuba X1 Pro into the pool. Ensure it sinks completely and no air bubbles are trapped underneath. The cleaner is designed to operate fully submerged.

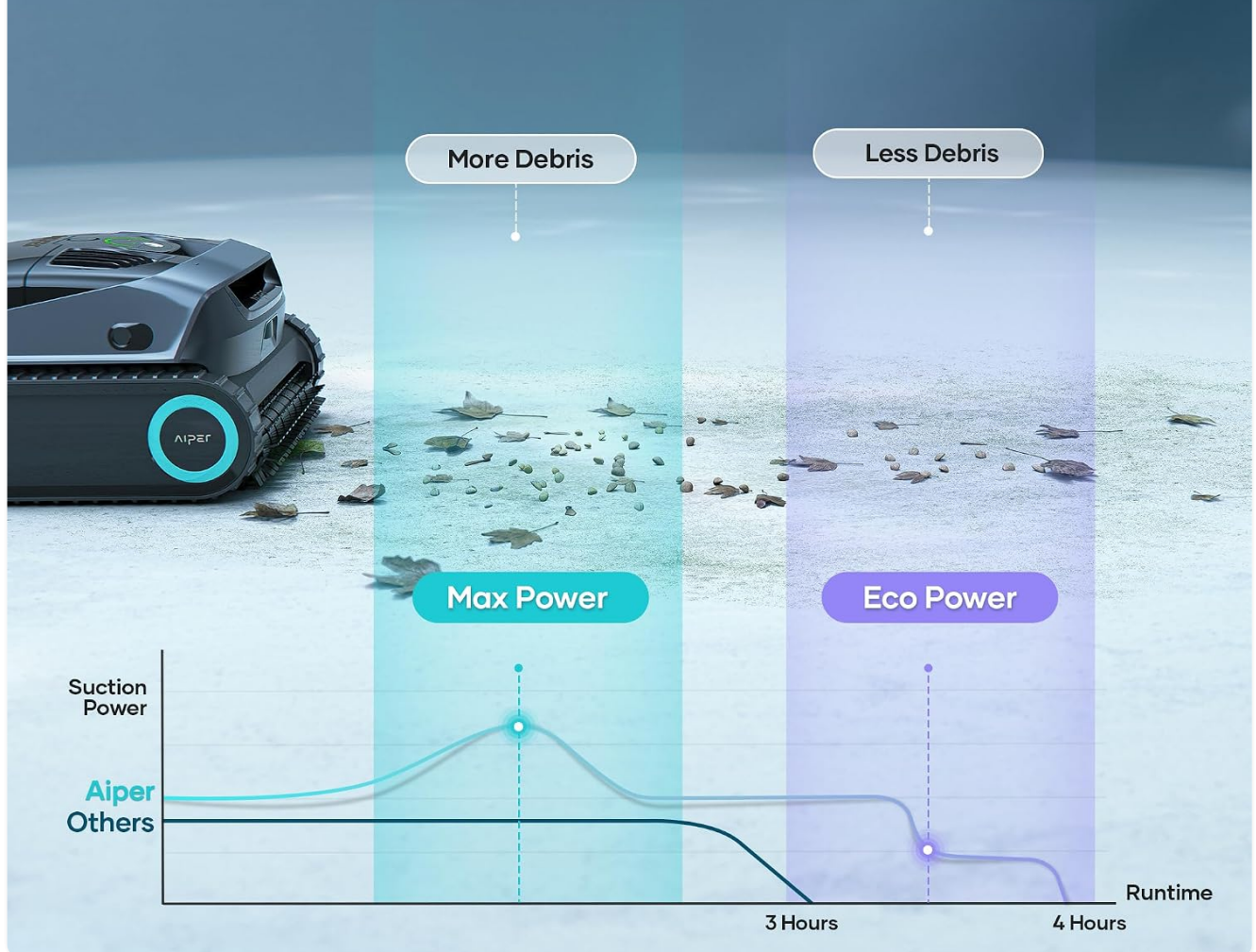
2. Selecting Cleaning Modes

The Scuba X1 Pro offers several cleaning modes:

- **Auto Adaptive Cleaning Modes:** The turbidity sensor detects dirt in real-time, automatically adjusting between Eco and Max modes for optimized cleaning.
- **FlexiPath Smart Path Planning:** This technology intelligently maps your pool, ensuring full coverage with precise grid and Cross-Pattern paths for floors, Y-shaped wall cleaning, and a high-platform mode for elevated areas.
- **WaveLine 2.0 Waterline Cleaning:** The cleaner maintains a steady 5cm reach above the waterline, effectively scrubbing stubborn algae and grease. Dual rear jets provide stability during waterline cleaning.

Intelligent Energy Adaptation

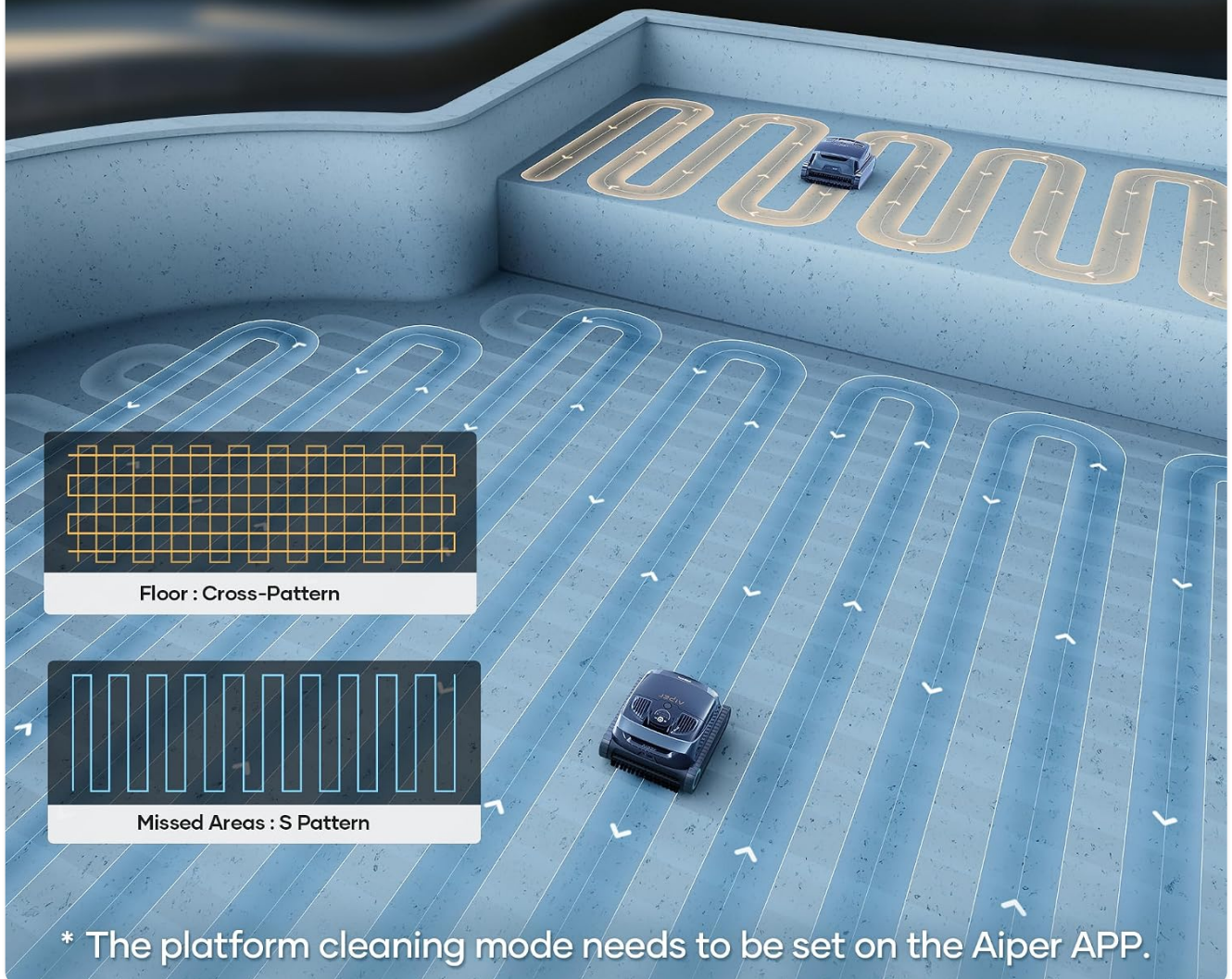
The X1 Pro adjusts its power output based on your pool's real-time conditions.



The Scuba X1 Pro intelligently adapts its power output based on the real-time debris levels in your pool, switching between Eco and Max modes.

FlexiPath™

Smart Path Planning Technology



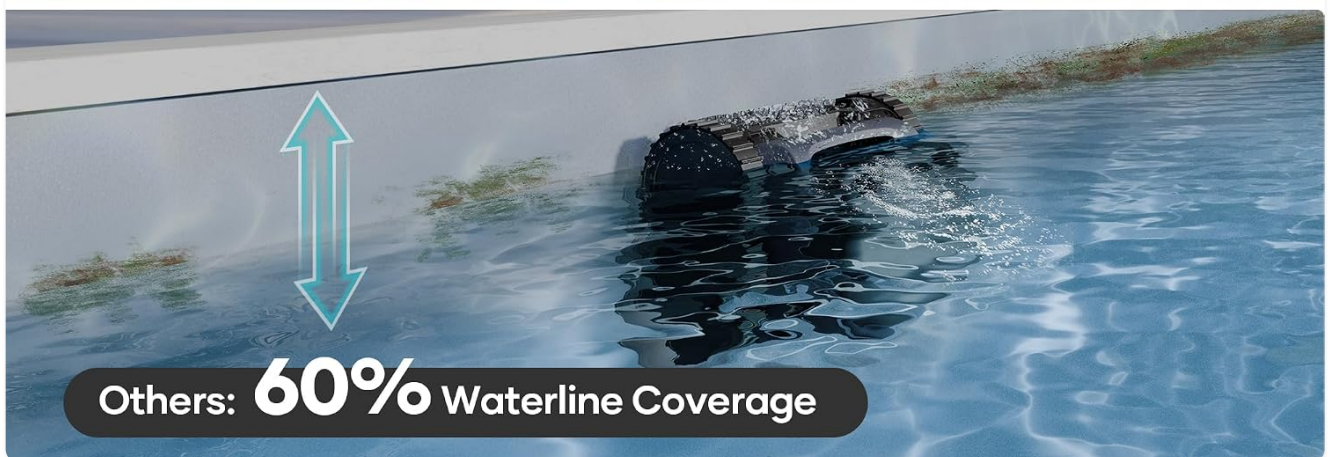
FlexiPath technology ensures comprehensive pool coverage using precise grid and cross-pattern cleaning paths.

OmniSense+™ Superior Mapping



OmniSense+ technology utilizes 26 dToF sensors for precise navigation, real-time mapping, and obstacle avoidance.

Constant Contact Waterline Scrubbing



The WaveLine 2.0 technology allows the Scuba X1 Pro to effectively scrub the waterline, ensuring thorough cleaning.

3. Using the Aiper App

The Aiper App provides full control over your Scuba X1 Pro. You can manually select cleaning modes, view the cleaning progress, check battery status, and receive notifications. Ensure your device's Bluetooth and Wi-Fi are enabled for optimal app connectivity.

4. Retrieving the Cleaner

Once the cleaning cycle is complete or the battery is low, the cleaner will typically park itself near a wall. Use the provided retrieval hook to carefully lift the cleaner out of the water. Allow excess water to drain before placing it back on the charging dock.

Official Product Video

Watch the official product video for the Aiper Scuba X1 Pro to see its features and operation in action.

MAINTENANCE

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

1. Filter Cleaning

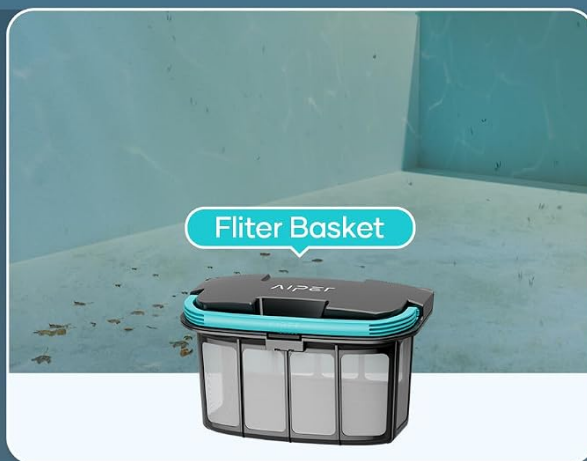
The Scuba X1 Pro features a dual-layer filtration system:

- **Filter Basket:** Catches leaves, mud, and large particles. Empty and rinse the filter basket after each use.
- **Replaceable MicroMesh Filter:** Removes microscopic contaminants like fine sand, dust, and pollen. This filter should be cleaned regularly, especially if water clarity is a concern. Rinse thoroughly with a hose.

Smart Filter Selection for Every Pool Condition

Heavy Debris? Start Here

- Use Filter Basket Only
 - Catches leaves, mud & large particles
- Built for pool opening/storm cleanup



Crystal Clear Goals? Level Up

- Add MicroMesh Filter
 - Traps fine sand, dust & pollen
- Maintains sparkle between cleaning



Filter basket upgraded on April 11

The Scuba X1 Pro offers smart filter selection with a main filter basket for heavy debris and an additional MicroMesh filter for fine particles.

2. General Unit Cleaning

Periodically wipe down the exterior of the cleaner with a soft, damp cloth. Ensure no debris is lodged in the brushes or tracks. Do not use harsh chemicals or abrasive cleaners.

3. Storage

When not in use for extended periods, store the cleaner in a cool, dry place, away from direct sunlight. Ensure the battery is fully charged before storage and recharge it every three months to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner not moving or cleaning effectively	Clogged filter basket; low battery; obstacle detected; incorrect mode.	Clean filter basket; recharge cleaner; remove obstacles; select appropriate cleaning mode via app.
Cleaner gets stuck	Obstacle in pool; uneven pool surface; cleaner stuck on drain.	Remove obstacles; ensure pool is suitable for robotic cleaner; turn off pool pump if suction from drain is an issue.
App connectivity issues	Bluetooth/Wi-Fi off; cleaner out of range; app not updated.	Ensure Bluetooth/Wi-Fi are on; move closer to cleaner; update app to latest version.
Poor suction power	Filter basket full or clogged; debris in suction ports.	Clean filter basket and MicroMesh filter thoroughly; check and clear suction ports.

SPECIFICATIONS

- **Model Name:** Aiper Scuba X1 Pro
- **Item Model Number:** PRT1P
- **Power Source:** Battery Powered (1 Lithium Ion battery included)
- **Battery Energy Content:** 224.64 Watt Hours
- **Charging Time:** Approximately 5 Hours
- **Suction Power:** Dual 6600 GPH motors
- **Control Method:** App, Touch
- **Product Dimensions:** 19.2 x 16.5 x 9.6 inches
- **Item Weight:** 39.7 pounds
- **Material:** ABS Plastic
- **Color:** Gray
- **Special Features:** Adjustable Suction Power, Pool Mapping (FlexiPath, OmniSense+), Horizontal Waterline Scrubbing (WaveLine 2.0)

WARRANTY AND SUPPORT

The AIPER Scuba X1 Pro comes with an extended one-year warranty. For technical support, warranty claims, or replacement parts, please contact AIPER customer service through their official website or the contact information provided in the product packaging. Keep your purchase receipt as proof of purchase for warranty purposes. For more information and support, visit the official AIPER Store:[AIPER Store on Amazon](#)

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