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AIPER Scuba X1 Pro Max

Aiper Scuba X1 Pro Max Robotic Pool Cleaner Instruction Manual

Model: Scuba X1 Pro Max

1. PRODUCT OVERVIEW

The Aiper Scuba X1 Pro Max is an advanced all-in-one robotic pool cleaner designed for comprehensive pool maintenance. It features intelligent scanning technology for adaptive cleaning paths, ensuring full coverage of your pool's floor, walls, waterline, and surface. With powerful suction and a dual-stage filtration system, it effectively captures debris from large leaves to fine dust, promoting crystal-clear water.

Key features include:

- **Smart Mapping & Adaptive Cleaning:** Utilizes intelligent scanning to map your pool's layout and optimize cleaning paths in real-time.
- **Complete All-in-One Cleaning:** Cleans the pool floor, walls, waterline, and water surface.
- **Powerful Suction & Dual Filtration:** Delivers 8,500 GPH suction with a dual-stage filtration system for thorough debris removal.
- **Smart Surface Parking:** Automatically parks at the pool's edge for easy retrieval after completing its cycle.
- **Smart Mode Selection:** Offers 7 specialized cleaning modes, including Skim Mode (up to 12 hours), Eco Mode (up to 5 hours), and Max Mode (up to 3 hours).
- **Caddy Included:** Provides convenient transport and charging dock compatibility.



Figure 1.1: The Aiper Scuba X1 Pro Max demonstrating its all-in-one cleaning capabilities across various pool surfaces.



Figure 1.2: Highlighting the powerful 8500 GPH suction and 9-motor system for efficient debris removal.

2. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon unpacking.

- Aiper Scuba X1 Pro Max Robotic Pool Cleaner
- Charging Dock
- Power Adapter
- Caddy for transport and storage
- User Manual
- Filter Baskets (Standard and Ultra-fine)

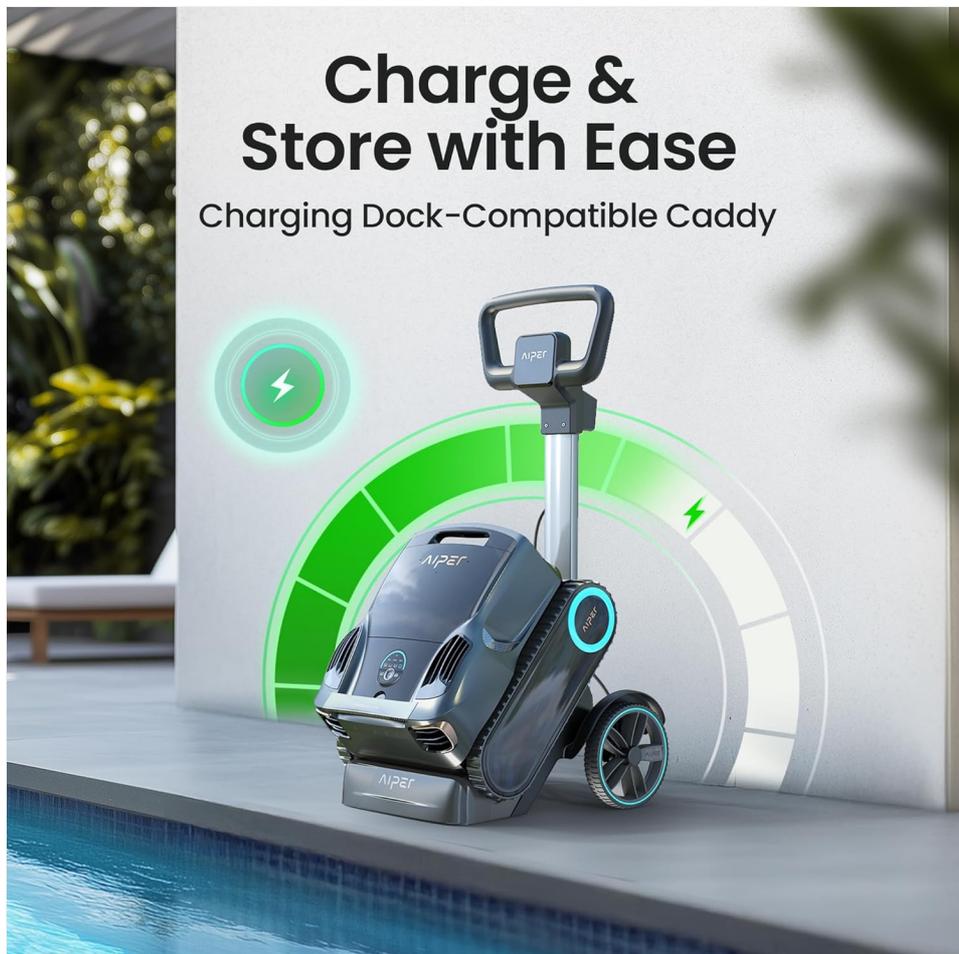


Figure 2.1: The Aiper Scuba X1 Pro Max with its included caddy.

3. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before operating the Aiper Scuba X1 Pro Max. Failure to follow these instructions may result in property damage, injury, or death.

- Always ensure the power adapter is disconnected from the power outlet before performing any maintenance or cleaning on the robot.
- Do not operate the robot if the power cable or plug is damaged.
- Keep children and pets away from the pool area while the robot is operating.
- Only use the original power adapter and charging dock provided by Aiper.
- Do not use the robot in pools with water temperatures outside the recommended range (typically 10°C to 35°C / 50°F to 95°F).
- Ensure the robot is fully submerged before starting a cleaning cycle.
- Avoid operating the robot if there are swimmers in the pool.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge the Aiper Scuba X1 Pro Max. The charging process typically takes 3 hours.

1. Place the robot onto the charging dock. Ensure the charging contacts align properly.
2. Connect the power adapter to the charging dock, then plug it into a suitable power outlet.
3. The indicator lights on the robot will show the charging status. Refer to the robot's display for full charge indication.

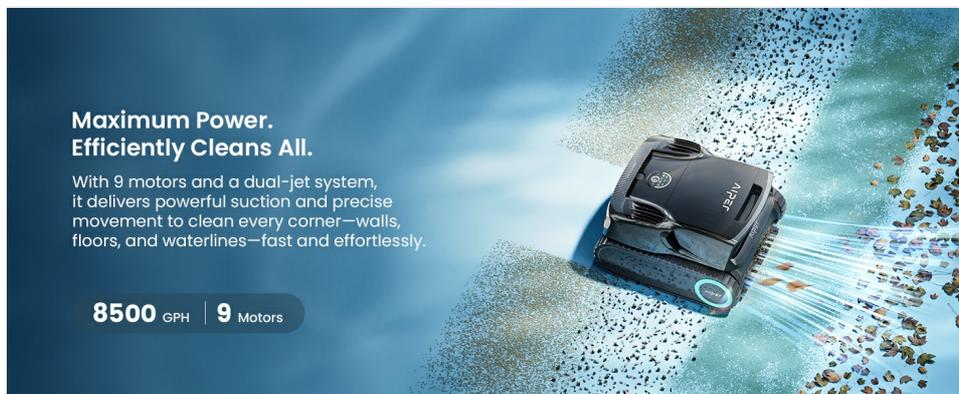


Figure 4.1: Charging the Aiper Scuba X1 Pro Max on its dock.

4.2 App Installation and Pairing

For full control and smart features, download the Aiper app on your smartphone.

1. Scan the QR code in the quick start guide or search for "Aiper" in your device's app store.
2. Install the app and create an account.
3. Follow the in-app instructions to pair your Scuba X1 Pro Max with your smartphone via Bluetooth or Wi-Fi.

4.3 First Deployment

Carefully place the robot into the pool.

1. Ensure the robot is fully charged.
2. Gently lower the robot into the pool until it is completely submerged. Air bubbles may escape; this is normal.

3. Once submerged, you can initiate a cleaning cycle via the robot's controls or the Aiper app.

5. OPERATING YOUR POOL CLEANER

5.1 Smart Mapping and Cleaning Paths

The Scuba X1 Pro Max uses intelligent sensors to map your pool's dimensions and obstacles, creating an efficient cleaning route. This adaptive technology ensures no areas are missed.



Figure 5.1: The robot's precision mapping and flexible path for full pool coverage.



Figure 5.2: The robot's intelligent detection and adjustment capabilities.

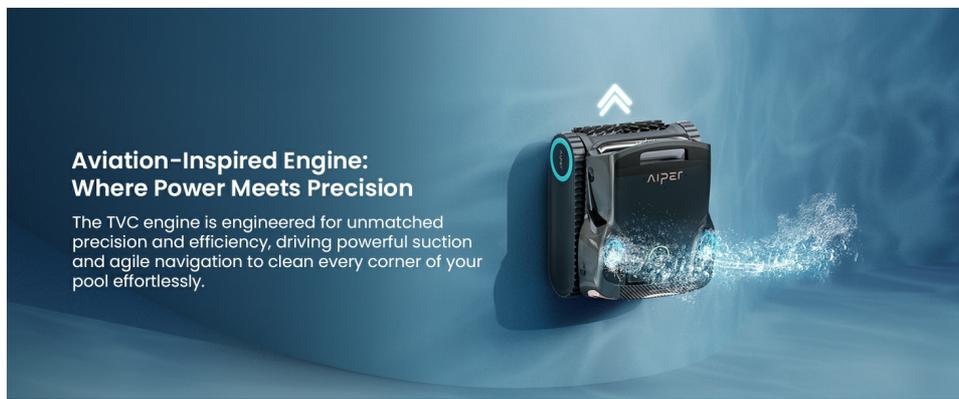
5.2 Cleaning Modes

Select the appropriate cleaning mode based on your pool's needs:

- **Skim Mode:** An energy-saving mode for daily surface upkeep, offering up to 12 hours of operation. Ideal for removing floating debris.
- **Eco Mode:** An efficient mode for standard cleaning tasks, providing up to 5 hours of operation. Suitable for regular floor and wall cleaning.
- **Max Mode:** A powerful mode for intensive vacuuming and deep cleaning, with up to 3 hours of operation. Best for heavily soiled pools.

5.3 Smart Surface Parking

Upon completion of a cleaning cycle or when the battery is low, the robot will automatically navigate to the pool's edge and park itself for easy retrieval. You will receive an app notification when parking is complete.



Aviation-Inspired Engine: Where Power Meets Precision

The TVC engine is engineered for unmatched precision and efficiency, driving powerful suction and agile navigation to clean every corner of your pool effortlessly.

Figure 5.3: The robot utilizing its smart surface parking feature.

5.4 App Control

The Aiper app provides enhanced control and monitoring capabilities:

- **View Pool Map:** See the robot's mapped cleaning area.
- **Cleaning Logs:** Review past cleaning cycles.
- **Select Modes:** Choose from the available cleaning modes.
- **Recall:** Command the robot to return to the pool's edge.
- **Device Monitoring:** Check battery status and other operational data.

6. MAINTENANCE AND CARE

6.1 Filter Cleaning

Regular cleaning of the filter baskets is crucial for maintaining optimal cleaning performance.

1. After each cleaning cycle, remove the robot from the pool.
2. Open the robot's cover and remove the filter baskets.
3. Empty any collected debris and rinse the filter baskets thoroughly with a garden hose.
4. For fine particles, ensure the ultra-fine filters are also cleaned.
5. Reinsert the clean filter baskets and close the robot's cover securely.

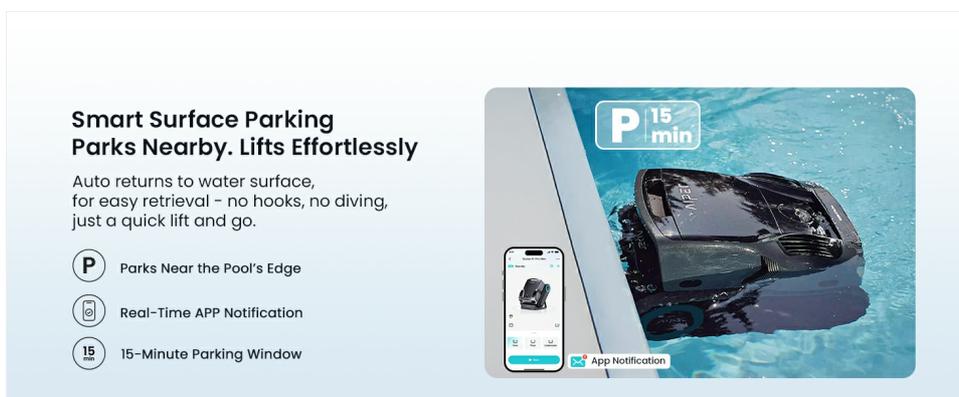


Figure 6.1: The dual-stage filtration system with standard and ultra-fine filters.



Figure 6.2: The robot's filter basket for debris collection.

6.2 Storage

When not in use for extended periods, store the robot and its components properly.

- Clean and dry the robot thoroughly.
- Store the robot on its caddy in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is charged to approximately 50-70% before long-term storage to prolong battery life.

7. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your Aiper Scuba X1 Pro Max.

Problem	Possible Cause	Solution
Robot not moving or cleaning effectively.	Clogged filter baskets, low battery, obstruction.	Clean filter baskets. Charge the robot. Check for and remove any debris obstructing the brushes or wheels.
Poor suction or debris collection.	Full or dirty filter baskets, worn brushes.	Clean filter baskets thoroughly. Inspect brushes for wear and replace if necessary.
Robot does not climb walls or waterline.	Low battery, dirty brushes, water chemistry imbalance.	Ensure the robot is fully charged. Clean brushes. Check pool water chemistry (pH, chlorine levels).

Problem	Possible Cause	Solution
App connectivity issues.	Bluetooth/Wi-Fi interference, app not updated.	Ensure your smartphone is close to the robot. Restart the app and robot. Check for app updates.
Robot does not return to surface parking.	Obstruction, sensor issue, low battery.	Ensure no large debris is blocking its path. Manually retrieve the robot and contact support if the issue persists.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Aiper customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Scuba X1 Pro Max
Item Model Number	X9&Caddy
Product Dimensions	16.9"L x 11.7"W x 19.7"H (42.9 x 29.7 x 50 cm)
Weight	Approximately 25 kg (55 lbs)
Power Source	Battery Powered (Lithium-Ion)
Charging Time	3 Hours
Cleaning Capacity	8,502 Gallons per Hour (GPH)
Control Method	App Control
Special Feature	Self Propelled
Filtration	Dual-stage (180µm standard, 3µm ultra-fine)
Warranty	3 years

9. WARRANTY AND CUSTOMER SUPPORT

The Aiper Scuba X1 Pro Max is backed by a comprehensive warranty and dedicated customer support to ensure your peace of mind.

9.1 Warranty Information

This product comes with a **3-year warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

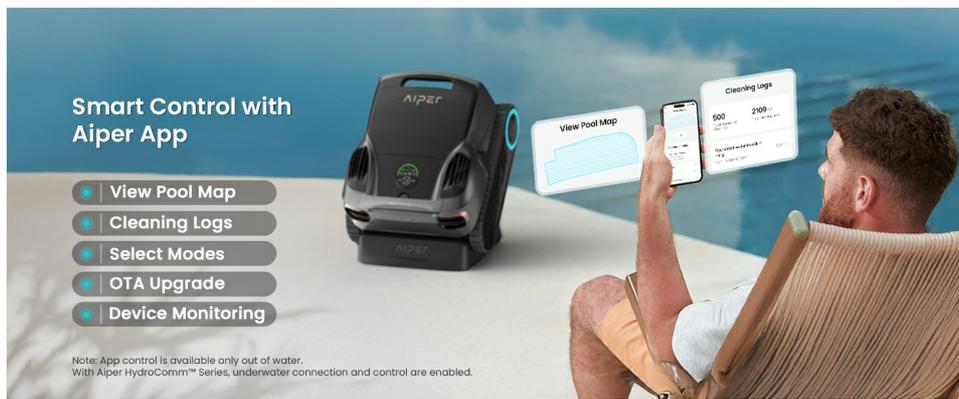


Figure 9.1: The Aiper Scuba X1 Pro Max is engineered for excellence and includes a 3-year warranty.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Aiper's VIP customer service. Support is available 24/7.

- **Website:** Visit the official Aiper website for FAQs and support resources.
- **Email:** Refer to your product packaging or the Aiper website for the customer support email address.
- **Phone:** Contact the dedicated support line for immediate assistance.

10. PRODUCT VIDEOS

Watch these official videos for visual guides on setup, operation, and features of your Aiper Scuba X1 Pro Max.

10.1 Comprehensive Product Overview

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Video 10.1: A detailed overview of the Aiper Scuba X1 Pro Max, covering its features and benefits. (Duration: 23:50)

10.2 Quick Start and Setup Guide

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Video 10.2: A guide to quickly set up and begin using your robotic pool cleaner. (Duration: 3:59)

10.3 Advanced Cleaning Features Demonstration

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Video 10.3: Demonstrating the advanced cleaning features and modes of the Scuba X1 Pro Max. (Duration: 6:02)

10.4 In-Depth Operation Guide

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Video 10.4: A comprehensive guide to operating your robotic pool cleaner. (Duration: 9:10)

10.5 Key Features Highlight

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Video 10.5: A short highlight reel of the Scuba X1 Pro Max's most important features. (Duration: 1:14)

10.6 Maintenance and Care Instructions

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Video 10.6: Instructions on how to properly maintain and care for your pool cleaner. (Duration: 8:16)

10.7 Extended User Guide

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Video 10.7: An extended guide for advanced users and detailed operational insights. (Duration: 16:35)