

AIPER X5 Pro

AIPER Scuba S1 Robotic Pool Cleaner User Manual

Model: X5 Pro

Important: Please read this manual thoroughly before operating your Aiper Scuba S1.

1. INTRODUCTION

The AIPER Scuba S1 Robotic Pool Cleaner is an advanced, cordless solution designed to maintain the cleanliness of your swimming pool. Featuring WavePath 2.0 Smart Navigation, this cleaner optimizes its cleaning routes to ensure comprehensive coverage of your pool's floor, walls, and waterline. Its powerful suction and dynamic scrubbing capabilities efficiently remove debris and fine particles, providing crystal-clear water. The Scuba S1 is equipped with durable caterpillar treads for superior mobility across various pool surfaces and shapes, including inground and above-ground pools up to 1600 sq.ft.

2. SAFETY INFORMATION

- Always ensure the cleaner is turned off and disconnected from the charger before performing any maintenance or cleaning.
- Do not operate the cleaner if the water temperature is outside the recommended range (typically 50°F - 95°F / 10°C - 35°C).
- Keep children and pets away from the pool area while the cleaner is in operation.
- Use only the original charger and accessories provided by AIPER.
- Do not attempt to disassemble or repair the cleaner yourself. Contact qualified service personnel for assistance.
- Ensure the charging port is completely dry before connecting the charger to prevent electrical hazards.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- AIPER Scuba S1 Robotic Pool Cleaner
- Power Adapter
- User Manual
- Retrieval Hook

4. PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the key components of your Scuba S1 cleaner:



Figure 4.1: Top-down view of the Aiper Scuba S1 Robotic Pool Cleaner, showcasing its sleek design and caterpillar treads.



Figure 4.2: The Aiper Scuba S1 performing waterline scrubbing, demonstrating its ability to clean above the

water surface.



Figure 4.3: Close-up of the Aiper Scuba S1's control panel, highlighting the four available cleaning modes: Auto, Floor, Wall, and Eco.



Figure 4.4: A user accessing the top-load filter basket of the Scuba S1, illustrating its easy-to-clean design.

5. SETUP

5.1 Initial Charging

1. Before first use, fully charge the Scuba S1. Connect the power adapter to the cleaner's charging port, ensuring it is dry.
2. Plug the adapter into a power outlet. The indicator light will show charging status. A full charge typically takes 3-4 hours.
3. Once fully charged, disconnect the cleaner from the power adapter.

5.2 Preparing the Pool

- Ensure the pool water is within the recommended temperature range.

- Remove any large objects or toys from the pool that could obstruct the cleaner's path.
- For optimal performance, ensure pool chemicals are balanced.

6. OPERATING INSTRUCTIONS

6.1 Placing the Cleaner in the Pool

Gently lower the Scuba S1 into the pool. It will slowly sink to the bottom. Ensure no air bubbles are trapped inside the unit.



Figure 6.1: A user carefully placing the Aiper Scuba S1 into the pool, demonstrating the proper method for deployment.

6.2 Selecting a Cleaning Mode

The Scuba S1 offers four cleaning modes:

- **Auto Mode:** Provides comprehensive cleaning of the pool floor, walls, and waterline. This is the default

and most common mode.

- **Floor Only Mode:** Focuses solely on cleaning the pool floor.
- **Wall Only Mode:** Cleans only the pool walls and waterline.
- **Eco Mode:** Offers periodic cleaning every 48 hours for 45 minutes, ideal for maintaining cleanliness with minimal intervention.

Press the power button on the cleaner to cycle through the modes. The indicator lights will show the selected mode.

6.3 Retrieving the Cleaner

When the cleaning cycle is complete or the battery is low, the cleaner will automatically park near a wall. Use the provided retrieval hook to gently pull the cleaner to the surface. Allow excess water to drain before lifting it out of the pool.

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Video 6.1: Official Aiper video demonstrating the Scuba S1 Robotic Pool Cleaner in action, showcasing its cleaning capabilities and ease of use. This video is provided by the seller, AiperDirect.

7. MAINTENANCE

7.1 Cleaning the Filter Basket

After each use, it is crucial to clean the filter basket to maintain optimal cleaning performance.

1. Open the top cover of the cleaner.
2. Remove the filter basket.
3. Empty debris and rinse the basket thoroughly with a garden hose.
4. Ensure the filter is completely clean before reinserting it into the cleaner.

7.2 Cleaning the Cleaner Body

Wipe down the exterior of the cleaner with a soft cloth after each use. Do not use harsh chemicals or abrasive materials.

7.3 Long-Term Storage

If storing the cleaner for an extended period:

- Fully charge the battery.
- Clean the filter basket and the cleaner body thoroughly.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery; Power button not pressed correctly.	Charge the cleaner fully; Press and hold the power button for a few seconds.
Poor cleaning performance.	Filter basket is full or clogged; Brushes are worn; Incorrect cleaning mode.	Clean the filter basket; Inspect and replace brushes if necessary; Select appropriate cleaning mode (e.g., Auto Mode).
Cleaner gets stuck or moves erratically.	Obstruction in the pool; Treads are dirty or damaged.	Remove obstructions; Clean treads; Check for damage.
Cleaner does not climb walls.	Low battery; Water chemistry issues (e.g., too much algae); Pool surface too smooth (for some above-ground pools).	Ensure full charge; Balance pool chemicals; Note that some vinyl above-ground pools may not allow for optimal wall climbing due to surface texture.

9. SPECIFICATIONS

Model: X5 Pro

Product Dimensions: 15.3 x 8.7 x 17.5 inches

Item Weight: 24 pounds

Battery Life: Up to 150 minutes

Charging Time: 3-4 hours

Pool Size Capacity: Up to 1600 sq.ft.

Manufacturer: AIPER

Color: Midnight Black

Special Feature: Rechargeable

10. WARRANTY AND SUPPORT

The AIPER Scuba S1 Robotic Pool Cleaner comes with a 2-year product protection. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or any inquiries, please contact AIPER customer service through their official website or the retailer where the product was purchased.

For more information and support, visit the official [AIPER Store on Amazon](#).

