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HISION A7 Max

HISION A7 Max Robotic Pool Cleaner User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your HISION A7 Max Robotic Pool Cleaner. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety precautions:

- Always disconnect the power adapter from the outlet before performing any maintenance or cleaning on the unit.
- Do not operate the cleaner if the power cord or charger is damaged. Contact customer support for replacement.
- Ensure the charging port is dry before connecting the charger.
- Keep children and pets away from the pool area when the cleaner is in operation.
- Use only the original power adapter and accessories provided by HISION.
- Do not use the cleaner in pools with water temperatures outside the recommended range (typically 10°C to 35°C / 50°F to 95°F).
- The cleaner is designed for inground pools only. Do not use it in above-ground pools or for purposes other than pool cleaning.
- Avoid operating the cleaner if there are large objects in the pool that could obstruct its movement or damage the brushes.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- HISION A7 Max Robotic Pool Cleaner Unit
- Filter Basket (pre-installed)
- Power Adapter and Charging Cable
- Retrieval Hook
- User Manual (this document)



Image: Contents of the HISION A7 Max package, including the cleaner, filter, charger, hook, and manual.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your robotic pool cleaner:



Image: The HISION A7 Max Robotic Pool Cleaner, showing its blue body, tracks, and the included retrieval hook.

- **Main Unit:** The primary body of the cleaner housing the motor, battery, and control system.
- **Filter Basket:** Located under the clear top cover, collects debris.
- **Brushes/Rollers:** Positioned at the front and rear for scrubbing surfaces.
- **Charging Port:** For connecting the power adapter.
- **LED Indicator:** Provides status updates (e.g., charging, operating, error).
- **Handle:** For easy placement and retrieval.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the robotic pool cleaner. The charging process typically takes 2.5 hours.

1. Ensure the cleaner is out of the water and the charging port is dry.
2. Connect the power adapter to the cleaner's charging port.
3. Plug the power adapter into a suitable electrical outlet.

4. The LED indicator will show the charging status. It will typically turn solid green or off when fully charged.



Image: The HISION A7 Max Robotic Pool Cleaner connected to its charger, illustrating the rapid charging process.

5.2 Placement in Pool

The HISION A7 Max features a 'Plug and Play' design for easy deployment.

1. Once fully charged, disconnect the cleaner from the power adapter.
2. Gently lower the cleaner into the pool. Ensure it sinks to the bottom.
3. The cleaner is designed to adapt to various pool shapes and surfaces, including concrete, vinyl, fiberglass, and mosaic tiles.

Cordless & Easy to Use



Image: A person gently lowering the HISION A7 Max Robotic Pool Cleaner into a pool, demonstrating its cordless and easy-to-use design.

6. OPERATING INSTRUCTIONS

6.1 Starting a Cleaning Cycle

The HISION A7 Max features a simple one-click start mechanism.

1. After placing the cleaner in the pool, press the power button located on the top of the unit.
2. The LED indicator will illuminate, and the cleaner will begin its cleaning cycle.
3. The cleaner utilizes advanced SonarNav Pro navigation technology to map and clean the pool floor, walls, and waterline.

Smart Navigation

Intelligent Mapping for More Cleaning Coverage



Image: A person initiating the cleaning cycle by pressing the one-click start button on the HISION A7 Max Robotic Pool Cleaner at the pool's edge.

6.2 Cleaning Coverage

The cleaner provides comprehensive coverage for your pool:

- **Floor Cleaning:** Systematically cleans the entire pool floor.
- **Wall Cleaning:** Climbs walls to scrub and clean vertical surfaces.
- **Waterline Scrubbing:** Addresses the waterline area for thorough cleaning.

Full Cleaning Coverage



Image: A diagram illustrating the HISION A7 Max Robotic Pool Cleaner's ability to clean the pool floor, walls, and provide full coverage.

6.3 Automatic Self-Parking

When the battery level is low, the cleaner will automatically navigate to the edge of the pool for easy retrieval.

Smart Navigation

Intelligent Mapping



Smart Self-Parking



Image: Illustrations depicting the HISION A7 Max Robotic Pool Cleaner's intelligent mapping and smart self-parking capabilities.

6.4 Retrieval

Use the provided retrieval hook to safely remove the cleaner from the pool.

1. Wait for the cleaner to self-park at the pool edge or manually guide it using the hook.
2. Attach the retrieval hook to the cleaner's handle.
3. Carefully lift the cleaner out of the water. Allow excess water to drain before placing it on the pool deck.

Fit for Most Shape of Pools



Image: A person easily retrieving the HISION A7 Max Robotic Pool Cleaner from the pool using its handle.

7. MAINTENANCE

7.1 Cleaning the Filter Basket

Regularly clean the 3.5L top-load filter basket to maintain optimal cleaning performance.

1. Ensure the cleaner is powered off and out of the water.
2. Open the clear top cover of the cleaner.
3. Remove the filter basket by lifting it out.
4. Empty any collected debris from the basket.
5. Rinse the filter basket thoroughly with a garden hose to remove fine particles.
6. Reinsert the clean filter basket into the cleaner and close the top cover securely.

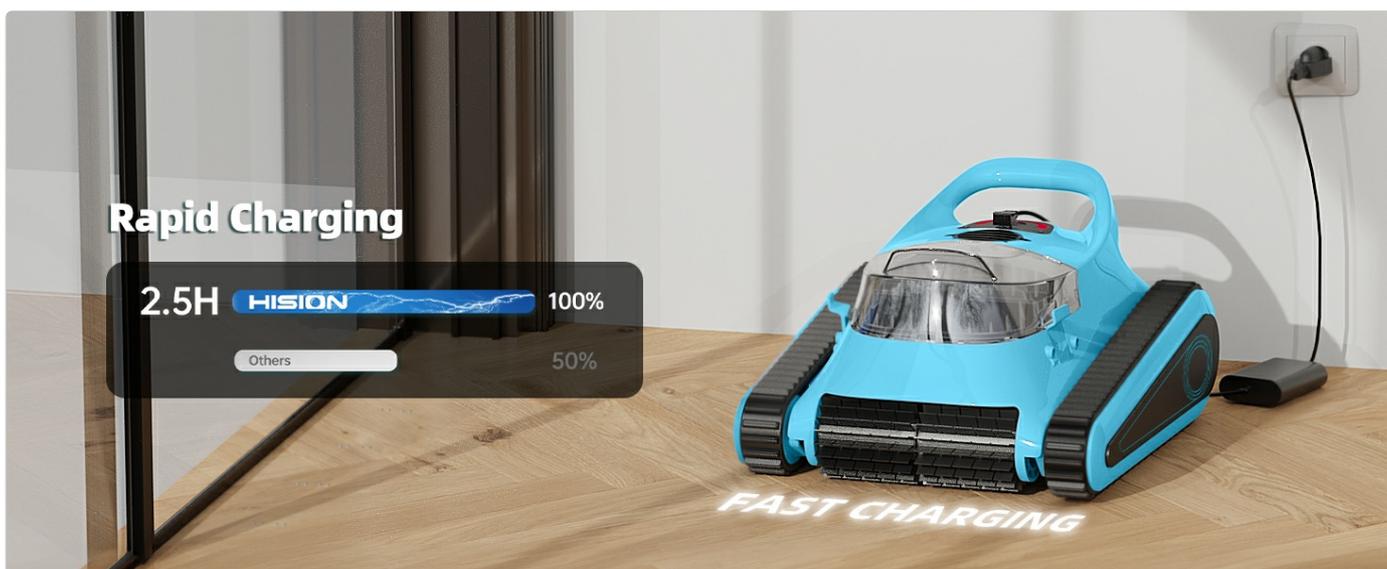


Image: The 3.5L top-load filter basket being removed from the HISION A7 Max Robotic Pool Cleaner for cleaning.

7.2 General Care and Storage

- Wipe down the exterior of the cleaner with a soft, damp cloth after each use.
- Store the cleaner in a cool, dry place away from direct sunlight and extreme temperatures.

- Ensure the battery is charged periodically during long storage periods to maintain battery health.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery or no charge.	Charge the cleaner fully (approx. 2.5 hours).
Cleaner stops mid-cycle.	Battery low; cleaner initiated self-parking.	Retrieve the cleaner and recharge.
Poor cleaning performance.	Filter basket is full or clogged.	Clean the filter basket thoroughly.
Cleaner gets stuck or moves erratically.	Obstruction (e.g., drain cover, large debris) or uneven pool surface.	Remove obstructions. Monitor cleaner's movement in problematic areas.
LED indicator shows an error.	Refer to the specific LED alert system (audio and LED alerts mentioned in features).	Consult the detailed alert guide (if provided separately) or contact customer support.

If the problem persists after attempting these solutions, please contact HISION customer support.

9. SPECIFICATIONS

Feature	Detail
Model	A7 Max
Power Source	Battery Powered
Suction Power	180W
Battery Type	Lithium-Ion
Run Time	Up to 150 minutes
Charging Time	2.5 hours
Max Pool Area	Up to 2,000 sq.ft
Control Method	Touch
Product Dimensions	15.1"L x 10.1"W x 16.8"H
Item Weight	27.8 pounds
Special Features	Cordless, Self-Parking, Smart Navigation Technology, Wall and Waterline Cleaning

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The HISION A7 Max Robotic Pool Cleaner comes with a comprehensive **24-month protection plan** (warranty).

- This warranty covers defects in materials and workmanship under normal use.
- Please retain your proof of purchase for warranty claims.
- The warranty does not cover damage caused by misuse, neglect, unauthorized modification, or natural disasters.

10.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact HISION customer support. Contact details can typically be found on the HISION official website or through your purchase platform.

Please have your model number (A7 Max) and purchase date available when contacting support.

