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Klwenas Maec Y50

Klwenas Maec Y50 Cordless Robotic Pool Cleaner User Manual

Model: Y50 | Brand: Klwenas Maec

1. Introduction

Thank you for choosing the Klwenas Maec Y50 Cordless Robotic Pool Cleaner. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new pool cleaner. Please read it thoroughly before first use and retain it for future reference.

The Klwenas Maec Y50 is designed to provide efficient and autonomous cleaning for inground pools up to 2,000 sq. ft., covering the floor, walls, and waterline. Its cordless design and intelligent navigation ensure a comprehensive cleaning experience.

2. Safety Information

Always observe the following safety precautions to reduce the risk of injury, electric shock, or damage to the product.

- Read all instructions carefully before operating the cleaner.
- Do not operate the cleaner when people or pets are in the pool.
- Ensure the charging port is dry before connecting the charger.
- Use only the original charger supplied with the unit.
- Keep the cleaner out of reach of children.
- Do not use the cleaner if the power cord or charger is damaged.
- Store the cleaner in a cool, dry place when not in use.
- Do not attempt to open the cleaner's motor unit or battery compartment. Refer servicing to qualified personnel.

3. Product Overview

The Klwenas Maec Y50 is a sophisticated robotic pool cleaner featuring advanced motors, intelligent navigation, and a dual filtration system for superior cleaning performance.

Package Contents

- Klwenas Maec Y50 Robotic Pool Cleaner
- Charging Adapter
- User Manual

Key Features

- **4-in-1 Cleaning:** Scrubs floors, climbs walls, and cleans the waterline.
- **Smart Navigation:** Utilizes sensors for efficient route planning and obstacle avoidance.
- **Extended Battery Life:** Up to 300 minutes of cordless operation on a single charge.
- **Dual Filtration System:** Captures debris from large leaves to fine silt.
- **Intelligent Positioning:** Automatically returns to an easy-access location after cleaning.



Figure 3.1: Klwenas Maec Y50 Robotic Pool Cleaner. This image shows the overall design of the Y50 cleaner, highlighting its compact and robust structure.

4. Setup

4.1 Initial Charging

Before first use, fully charge the robotic pool cleaner. The battery requires approximately 6 hours for a full charge.

1. Ensure the cleaner is dry and clean.
2. Connect the charging adapter to the cleaner's charging port.
3. Plug the adapter into a standard electrical outlet.
4. The indicator light on the cleaner will show charging status (refer to LED indicator section in manual for details).
5. Once fully charged, disconnect the adapter from the cleaner and the outlet.



Figure 4.1: Extended Battery Life. This illustration demonstrates the Y50's 10200 mAh battery providing up to 300 minutes of cleaning for pools up to 2000 sq. ft.

4.2 Preparing the Pool

For optimal performance, ensure the pool is free of large objects that could obstruct the cleaner's movement. Remove any pool covers or floating debris.

4.3 Placing the Cleaner in the Pool

Gently lower the cleaner into the pool. It will slowly sink to the bottom as air escapes. Ensure it is fully submerged before starting operation.



Figure 4.2: Cordless Design. This image shows the Y50 cleaner operating freely in a pool, emphasizing its cordless nature and ease of placement compared to traditional corded cleaners.

5. Operating Instructions

5.1 Powering On and Mode Selection

The Y50 features a control dial for easy power management and cleaning mode selection.

1. Once the cleaner is fully submerged, turn the control dial to the desired cleaning mode.
2. The cleaner will begin its cleaning cycle according to the selected mode.



Figure 5.1: 4 Cleaning Modes. This image displays the control dial on the Y50 cleaner, illustrating the four available cleaning modes: Wall-only, Waterline-only, Floor-only, and All-cover (Auto).

5.2 Retrieving the Cleaner

After completing its cleaning cycle or when the battery is low, the Y50's Intelligent Preset Stop System will guide it to an accessible location near the pool edge. Carefully lift the cleaner out of the water using its handle. Allow excess water to drain before placing it on a clean surface.

6. Cleaning Modes

The Klwenas Maec Y50 offers four distinct cleaning modes to suit various pool cleaning needs:

- **Auto (All-cover) Mode:** Provides a comprehensive cleaning of the entire pool, including the floor, walls, and waterline. This is the default and most thorough cleaning option.
- **Wall-Only Mode:** Focuses specifically on cleaning the vertical surfaces and the waterline of the pool.
- **Floor-Only Mode:** Concentrates cleaning efforts on the pool floor, ideal for pools with heavy bottom debris.

- **Waterline-Only Mode:** Targets the waterline area for focused scrubbing and debris removal.

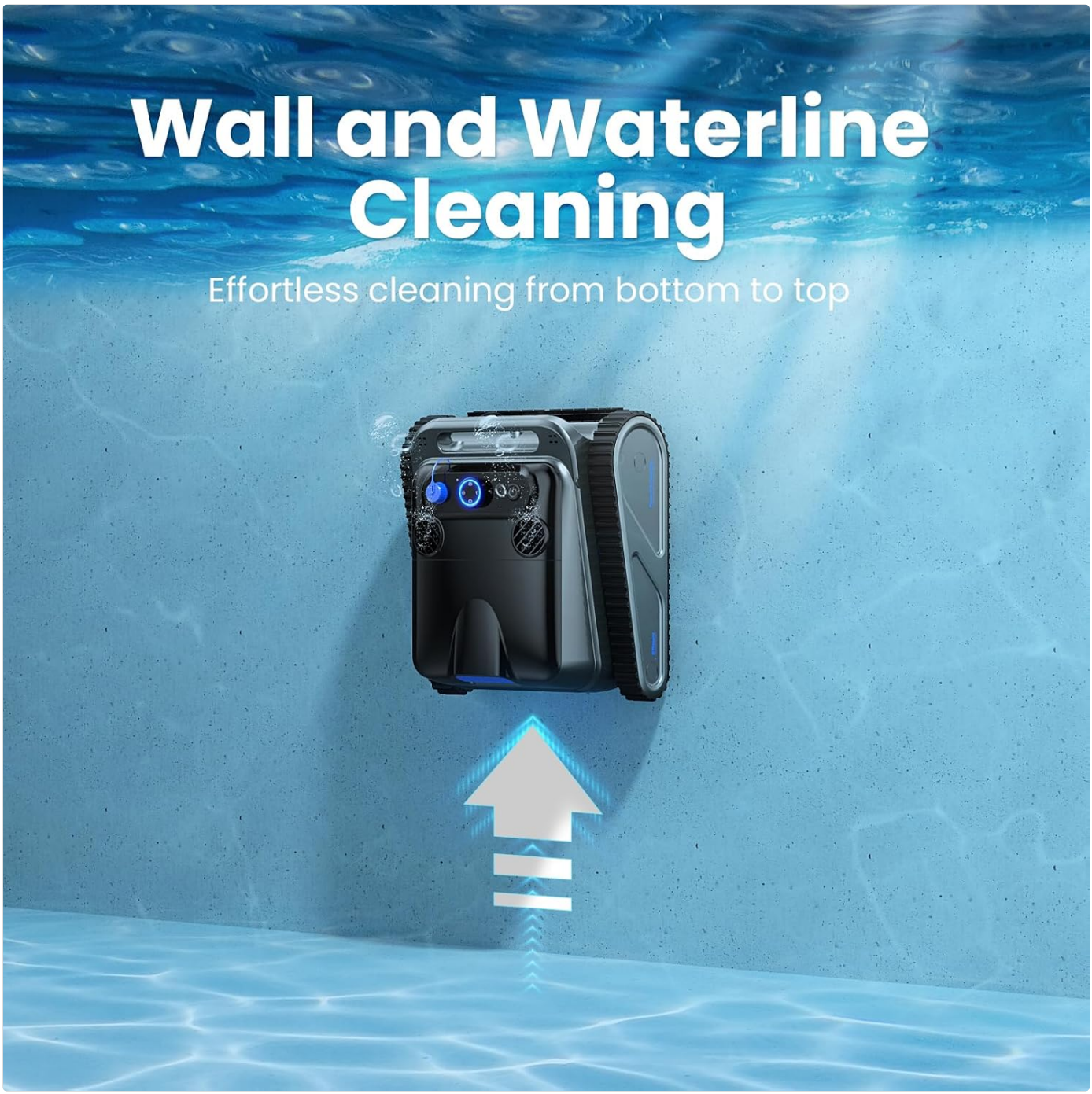


Figure 6.1: Wall and Waterline Cleaning. This image illustrates the Y50 cleaner actively climbing a pool wall, demonstrating its capability to clean vertical surfaces and the waterline.



Figure 6.2: Intelligent Route Planning. This image shows the Y50 cleaner navigating both the pool floor and wall, indicating its smart sensor-based route planning for complete coverage.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Klwenas Maec Y50 cleaner.

7.1 Cleaning the Filter Basket

The Y50 is equipped with a large 4L filter basket. It is recommended to clean the filter after each cleaning cycle, especially if the pool is heavily soiled.

1. Remove the cleaner from the pool.
2. Open the filter compartment (refer to product diagram for location).
3. Remove the filter basket.
4. Empty all collected debris into a waste bin.
5. Rinse the filter basket thoroughly with a garden hose until all fine debris is removed.

6. Reinsert the clean filter basket into the cleaner and close the compartment securely.



Figure 7.1: Upgraded Motors. This image illustrates the internal suction path and powerful motors of the Y50, emphasizing the importance of a clean filter system for efficient debris collection.

7.2 Cleaning the Unit Exterior

Wipe down the exterior of the cleaner with a soft, damp cloth after each use to remove any residue or algae buildup. Do not use harsh chemicals or abrasive cleaners.

7.3 Storage

When not in use for extended periods, ensure the cleaner is clean, dry, and fully charged. Store it in a cool, dry place away from direct sunlight and extreme temperatures.

8. Troubleshooting

If you encounter issues with your Klwenas Maec Y50, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cleaner does not turn on.	Low battery; Power switch off; Charging port wet.	Charge the battery; Ensure power switch is on; Dry charging port thoroughly before charging.
Poor cleaning performance.	Full or clogged filter basket; Impellers obstructed; Worn brushes/tracks.	Clean the filter basket; Check and clear impellers; Inspect and replace worn components if necessary.
Cleaner gets stuck or moves erratically.	Obstacles in pool; Air trapped inside cleaner; Uneven pool surface.	Remove obstacles; Gently shake cleaner underwater to release air; Ensure cleaner is fully submerged.
Cleaner does not climb walls.	Low battery; Slippery pool surface (algae); Filter basket full.	Charge the battery; Brush pool walls to remove algae; Clean filter basket.

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

9. Specifications

Detailed technical specifications for the Klwenas Maec Y50 Robotic Pool Cleaner:

Specification	Detail
Brand	Klwenas Maec
Model Name	Pool Vacuum
Model Number	Y50
Material	Plastic
Color	Black
Product Dimensions (L x W x H)	19.09" x 17.8" x 10.83"
Item Weight	24.6 Pounds
Power Source	Battery Powered
Battery Type	Lithium-Ion
Battery Voltage	25.2 Volts (DC)
Battery Energy Content	10200 Milliamp Hours (mAh)
Charging Time	6 Hours
Runtime	Up to 300 minutes
Control Method	Push Button / Dial
Filter Capacity	4 Liters
Cleaning Area	Up to 2,000 sq. ft.

Specification	Detail
Special Features	4-in-1 Wall/Waterline/Floor & All-cover Cleaning, Automatic Shut Off, Dual Filtration System, Extended Battery Life, Intelligent Positioning
UPC	737985980538

10. Warranty and Support

10.1 Warranty Information

The Klwenas Maec Y50 Robotic Pool Cleaner comes with a**Limited Warranty**. Please refer to the warranty card included in your package for specific terms and conditions, including coverage duration and claim procedures.

10.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Klwenas Maec customer support. You can find more information and contact details by visiting the official Klwenas Maec Store.

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