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Yinole Y50-703-3

Yinole Wireless Pool Cleaner Robot User Manual

Model: Y50-703-3

Introduction

This user manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your Yinole Wireless Pool Cleaner Robot. Designed for in-ground pools, this advanced robot features 4 upgraded motors, intelligent route planning, and multiple cleaning modes to ensure a meticulously clean pool environment.



Figure 1: The Yinole Wireless Pool Cleaner Robot, designed for efficient pool cleaning.

Package Contents

Ensure all items are present in the package before proceeding with setup:

- 1 x Yinole Wireless Pool Cleaner Robot
- 1 x Retrieval Hook
- 1 x Charger
- 1 x User Manual
- 1 x Operation Guide

Product Features

The Yinole Pool Cleaner Robot is equipped with several advanced features to provide superior cleaning performance:

Maximum Cleaning Efficiency

This robot delivers robust cleaning performance, powered by 4 independent motors, a high-performance 10200 mAh battery, and a suction power of 3120 GPH. Its two PVC brushes provide strong grip, effectively targeting debris such as sand, leaves, and stubborn dirt across all pool surfaces, ensuring a thoroughly clean and sparkling pool.



Figure 2: The robot effectively cleans various types of debris including leaves, twigs, sand, and bugs.



Figure 3: Illustration of the robot's upgraded 4X motors for enhanced debris pickup.

Intelligent Route Planning

Equipped with advanced sensors and gyroscopes, the cleaner offers two types of route planning: transverse floor cleaning and a regular climbing path. It systematically cleans pool walls, pool floors, and the waterline, ensuring comprehensive coverage without missing any areas.



Figure 4: The robot utilizes intelligent route planning for complete cleaning coverage of the pool.

4 Cleaning Modes

The automatic pool vacuum provides four distinct cleaning modes: *Wall-only*, *Floor-only*, *Waterline-only*, and *Full Coverage*. This allows you to select the most suitable mode for your pool's specific needs. The climbing roller brushes and non-slip steps are designed for various pool finishes, including pebble, concrete, tile, mosaic, fiberglass, or vinyl lining.



Figure 5: The robot's control panel allows selection of four cleaning modes for personalized cleaning.



Figure 6: The robot performing waterline cleaning for an expanded cleaning area.



Figure 7: The robot's ability to clean both walls and waterlines, moving effortlessly from bottom to top.

Extended Battery Life and Cordless Design

The pool cleaner is equipped with a 10200 mAh battery, providing up to 300 minutes of continuous operation, suitable for pools up to 2,000 sq ft. The rechargeable battery ensures quick and efficient charging. Its cordless design offers safe and hands-free automated cleaning, eliminating the need for cumbersome cables.



Figure 8: The robot's extended battery life provides thorough cleaning for large pools.



Figure 9: The cordless design ensures safe and automated cleaning without external wires or pumps.

Easy Cleaning and Retrieval

The cleaner features large top-loading filter cartridges with exceptional filtering capabilities to trap debris. The filter basket can be easily removed and cleaned with a garden hose. For convenient retrieval, the robot automatically parks near the pool wall when a cleaning cycle is complete or when the battery is low.

Setup Instructions

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all package contents listed above are present and undamaged.
2. **Initial Charging:** Before first use, fully charge the robot's battery. Connect the charger to the robot's charging port and plug it into a standard electrical outlet. The charging indicator light will provide status. A full charge typically takes approximately 3 hours.
3. **Assembly (if required):** While the product is largely pre-assembled, ensure any detachable components, such as brushes or filter baskets, are securely in place as per the operation guide.

4. **Placement in Pool:** Gently lower the robot into the pool. Ensure it sinks to the bottom and is fully submerged before activation. Avoid dropping the unit into the pool.

Operating Instructions

1. **Power On:** Locate the power button on the robot. Press and hold the power button for a few seconds until the indicator lights illuminate, indicating the robot is powered on.
2. **Select Cleaning Mode:** Use the mode selection controls (refer to Figure 5) to choose your desired cleaning mode:
    - **Wall-only:** For cleaning pool walls.
    - **Floor-only:** For cleaning the pool floor.
    - **Waterline-only:** For cleaning the pool's waterline.
    - **Full Coverage:** For comprehensive cleaning of floor, walls, and waterline.
3. **Start Cleaning Cycle:** Once the mode is selected, the robot will begin its cleaning cycle according to its intelligent route planning. It will navigate the pool autonomously.
4. **Automatic Parking:** Upon completion of the cleaning cycle or when the battery is low, the robot will automatically move to the nearest pool wall for easy retrieval.
5. **Retrieval:** Use the provided retrieval hook to carefully lift the robot out of the pool. Allow excess water to drain before removing it completely.
6. **Power Off:** After retrieval, press and hold the power button to turn off the robot.

Maintenance

Regular maintenance ensures optimal performance and longevity of your pool cleaner robot.

Filter Cleaning

1. **Remove Filter Basket:** After each cleaning cycle, or as needed, remove the top-loading filter basket from the robot.
2. **Rinse Filters:** Use a garden hose to thoroughly rinse the filter cartridges and the filter basket. Ensure all trapped debris is removed.
3. **Reinstall:** Once clean, allow the filter components to air dry if possible, then securely reinstall them into the robot.

General Care

- Store the robot in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.
- Periodically inspect the brushes and tracks for wear or damage. Replace if necessary.
- Ensure the charging port is clean and dry before connecting the charger.

Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Robot does not turn on.	Battery is depleted or not charged.	Charge the robot fully using the provided charger. Ensure the charger is properly connected and the outlet is functional.
Robot stops mid-cycle.	Battery low; Filter basket full; Obstruction.	Retrieve the robot and charge the battery. Empty and clean the filter basket. Check for and remove any debris or obstructions.

Problem	Possible Cause	Solution
Poor cleaning performance.	Filter basket is full; Brushes are worn; Incorrect cleaning mode.	Clean the filter basket thoroughly. Inspect and replace worn brushes. Select the appropriate cleaning mode for the type of debris and area.
Robot gets stuck (e.g., on stairs).	Specific pool features; Low power.	Manually reposition the robot if it becomes stuck. Ensure the battery is sufficiently charged for complex areas.
Robot does not charge.	Charger connection issue; Faulty charger/battery.	Ensure the charger is securely connected to both the robot and the power outlet. Try a different outlet. If the issue persists, contact customer support.

Specifications

Attribute	Value
Model Number	Y50-703-3
Product Dimensions (L x W x H)	45.21 x 27.51 x 48.49 cm (17.8 x 10.8 x 19.1 inches)
Product Weight	11.2 kilograms (24.7 lbs)
Battery Type	Lithium-ion
Battery Capacity	10200 mAh
Lithium Battery Energy Content	9.18 Watt-hours
Operating Time	Up to 300 minutes
Max Pool Coverage	Up to 2,000 sq ft
Suction Power	3120 GPH
Power Source	Battery Powered
Material	Plastic
Color	Black
Control Method	Remote Control
Assembly Required	Yes

Warranty and Support

Your Yinole Pool Cleaner Robot comes with a**12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact Yinole customer service. Refer to the contact information provided in your purchase documentation or visit the official Yinole website for support details.

Please retain your proof of purchase for warranty validation.

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