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> iClebo Omega Robot Vacuum Cleaner & Mop Pad User Manual

iClebo YCR-M07-20

iClebo Omega Robot Vacuum Cleaner & Mop Pad User Manual

Model: YCR-M07-20 | Brand: iClebo

1. INTRODUCTION

The iClebo Omega is an intelligent cleaning robot designed to provide efficient and thorough floor cleaning. This device combines vacuuming and mopping functionalities, utilizing a visionary camera mapping system for optimal navigation. It is equipped with advanced sensors and features to ensure a clean living environment.

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your iClebo Omega robot vacuum cleaner and mop pad. Please read this manual carefully before using the product to ensure safe and effective operation.

2. KEY FEATURES

- **Camera Gyroscope Mapping:** Finds the most efficient cleaning pathway, avoiding major obstacles.
- **Turbo Suction Mode:** Automatically boosts power when detecting heavy carpeting or concentrated dirt.
- **Automatic Recharging and Resume:** Returns to the charging base when battery is low and resumes cleaning from where it left off.
- **Anti-Tangling Main Brush:** Designed with V6 rubber blades to effectively pick up pet hair and prevent tangles.
- **Slim Design:** At 3.4 inches in height, it can access areas under beds and sofas.
- **Deep Corner Cleaning:** Side brushes are specifically designed for reaching difficult corners and edges.
- **19 Obstacle Detection Sensors:** Comprehensive sensor array to avoid collisions and falls.
- **Scheduled Cleanings:** Program the robot to automatically power on for daily cleaning tasks.
- **Bagless Dust Bin:** Easy access for emptying collected dirt and debris.
- **Climbing Feature:** Capable of moving over thresholds, door seals, and onto thick rugs or carpets.
- **Wet Mopping Function:** Equipped to mop hard floors, assisting with spills and general floor cleaning.



Figure 2.1: Overview of iClebo Omega's 5-step cleaning system components.

3. SETUP

3.1 Unpacking the Robot

Carefully remove all components from the packaging. Ensure all packing materials are removed from the robot and its accessories. Verify that all items listed in the packaging contents are present.



Figure 3.1: iClebo Omega robot vacuum cleaner with remote control.

3.2 Charging Base Placement

Place the charging base against a wall in an open, uncluttered area. Ensure there is at least 0.5 meters (1.6 feet) of clear space on either side of the base and 1.5 meters (5 feet) in front of it. Plug the power adapter into the charging base and then into a wall outlet. The indicator light on the charging base will illuminate.



Figure 3.2: Side view of the iClebo Omega, highlighting the charging port area.

3.3 Initial Charging

Place the iClebo Omega onto the charging base, ensuring the charging contacts on the robot align with those on the base. The robot will begin charging, and the display will show the charging status. For first-time use, allow the robot to charge completely, which may take several hours.

4. OPERATING INSTRUCTIONS

4.1 Starting a Cleaning Cycle

Press the 'Start' button on the robot or the remote control to begin a cleaning cycle. The iClebo Omega will automatically map your home using its camera and sensors, determining the most efficient cleaning path.



Figure 4.1: The iClebo Omega effectively cleaning up debris on a hard floor.

4.2 Cleaning Modes

The iClebo Omega offers various cleaning modes:

- **Auto Mode:** The robot intelligently cleans the entire accessible area.
- **Spot Mode:** For concentrated cleaning of a specific dirty area.
- **Turbo Mode:** Automatically activated on carpets or when significant dust/hair is detected, increasing suction power.
- **Wet Mopping Mode:** Attach the mop pad and water tank for wet cleaning of hard floors.



Figure 4.2: Turbo mode automatically engages on carpets for enhanced cleaning.

4.3 Scheduling Cleanings

Use the remote control to set a cleaning schedule. This allows the robot to automatically start cleaning at your preferred times, ensuring your home remains clean even when you are away.

4.4 Obstacle Avoidance and Climbing

The 19 built-in detection sensors enable the iClebo Omega to navigate around furniture and avoid falling down stairs. Its climbing feature allows it to easily transition over small obstacles like door thresholds and onto rugs.

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Video 4.1: Demonstration of iClebo Omega's navigation, cleaning capabilities, and obstacle avoidance. This video showcases the robot's ability to clean various surfaces and navigate around common household items.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your iClebo Omega.

5.1 Emptying the Dust Bin

The bagless dust bin should be emptied after each cleaning cycle or when full. To access, open the top cover of the robot, remove the dust bin, and dispose of the contents. Clean the dust bin with a dry cloth.



Figure 5.1: Accessing the dust bin for emptying and cleaning.

5.2 Cleaning Filters

The EPA11 filter should be cleaned regularly to maintain suction power. Tap the filter gently to remove dust, or use a small brush. Replace the filter every 3-6 months, depending on usage.

5.3 Cleaning Brushes and Wheels

Periodically check the main brush and side brushes for tangled hair or debris. Use the cleaning tool provided to cut and remove any hair. Clean the wheels to ensure smooth movement.

5.4 Cleaning Sensors and Charging Contacts

Wipe the robot's sensors and charging contacts with a clean, dry cloth to ensure proper functionality and charging.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|----------------------------------|--|--|
| Robot does not start. | Low battery; Power switch off; Robot stuck. | Charge the robot; Turn on the power switch; Clear any obstructions. |
| Poor cleaning performance. | Full dust bin; Clogged filter; Tangled brushes. | Empty dust bin; Clean/replace filter; Clean main and side brushes. |
| Robot cannot find charging base. | Charging base obstructed; Robot too far from base. | Ensure clear space around base; Manually place robot near base. |
| Robot gets stuck frequently. | Too many obstacles; Uneven surfaces. | Clear small objects from cleaning path; Ensure robot can climb over obstacles. |

7. SPECIFICATIONS

- **Brand:** iClebo
- **Model Name:** iCLEBO Omega
- **Item Model Number:** YCR-M07-20
- **Color:** White
- **Product Dimensions:** 13.9"L x 13.6"W x 3.4"H
- **Filter Type:** Disk (EPA11)
- **Cleaning Path Width:** 14 Inches
- **Voltage:** 120 Volts
- **Power Source:** Battery Powered
- **Form Factor:** Robotic
- **UPC:** 880917229226
- **Manufacturer:** Yujin Robot

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official iClebo website. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Yujin Robot

For further assistance, you may contact iClebo customer service through their official channels.