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DREAME RLH31CE

DREAME Aqua10 Roller Robot Vacuum User Manual

MODEL: RLH31CE

Introduction

Thank you for choosing the DREAME Aqua10 Roller Robot Vacuum. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before use and retain it for future reference.

Important Safety Instructions

To reduce the risk of injury or damage, read and follow all safety precautions:

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Only use the power adapter supplied with the appliance.
- Do not use the appliance in areas with open flames or fragile objects.
- Ensure the appliance is turned off and unplugged before performing any maintenance.
- Do not immerse the appliance or its base station in water.

Package Contents

Verify that all items are present in the package:

- Robot Vacuum x1

- Base Station x1
- Main Brush (pre-installed) x1
- Brush Guard (pre-installed) x1
- Side Brush (pre-installed) x1
- Dust Box (pre-installed, including filter) x1
- Mopping Roller (pre-installed) x1
- Dust Bags x2 (1 pre-installed)
- Auto Solution Dispenser Module (pre-installed) x1
- 200ml Cleaning Solution x1
- Washboard Filter x1
- Base Station Ramp Extension x1
- Quick Start Guide x1
- User Manual x1

Product Overview



The DREAME Aqua10 Roller Robot Vacuum with its accompanying base station.



Detailed view of the AquaRoll mopping system, showing fresh water spray and dirty water collection.

Robot Vacuum Features:

- **AquaRoll Mopping:** Continuously rinses the roller mop with fresh water for effective cleaning.
- **30,000Pa Suction:** Powerful suction for debris, pet hair, and dust.

- **HyperStream Detangling DuoBrush:** Designed to prevent hair tangles during vacuuming.
- **AutoSeal Roller Guard:** Automatically covers the roller mop when passing over carpets to prevent wetting.
- **2.36in ProLeap System:** Enables the robot to clear obstacles and thresholds up to 2.36 inches.
- **OmniSight System 2.0 & LDS Navigation:** Advanced navigation and obstacle avoidance for efficient cleaning.
- **Extendable Side Brush:** Reaches into corners and along edges for thorough cleaning.
- **AI Action Camera:** Detects and identifies over 240 types of objects, aiding in navigation and cleaning in dim areas.

Base Station Features:

- **Self-Emptying:** Automatically empties the robot's dust box into a larger dust bag, providing up to 100 days of hands-free maintenance.
- **212°F ThermoHub Roller Self-Cleaning:** Washes the roller mop with hot water to remove grease and stains.
- **Hot Air Drying:** Dries the roller mop with 149°F hot air to prevent odors and bacteria.
- **Auto Water & Solution Refill:** Automatically refills the robot's clean water tank and cleaning solution.

Setup

1. Unboxing and Preparation

1. Carefully remove all components from the packaging.
2. Remove all protective films and packing materials from the robot and base station.
3. Install the Base Station Ramp Extension by aligning it with the base station's front and pressing firmly until it clicks into place.

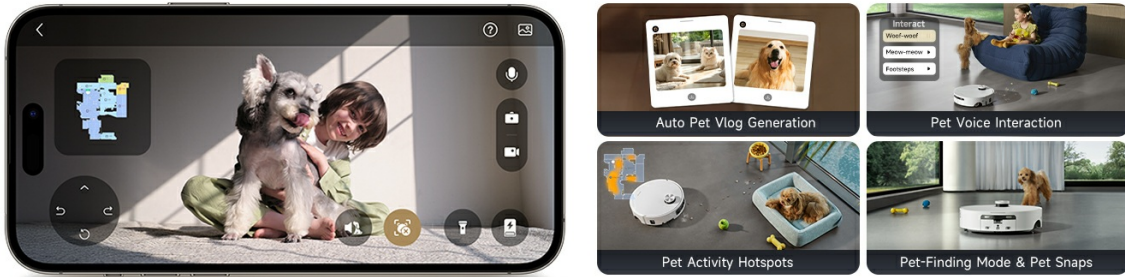
2. Base Station Placement

- Place the base station on a hard, level surface against a wall.
- Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front of the base station.
- Plug the base station into a power outlet. Ensure the power switch on the back of the base station is in the 'ON' position.

3. Filling Water and Solution Tanks

Your Pets Matter Too

Aqua10 Roller studies your pet's hotspots, ensuring your pet's area is always cleaned with the natural ingredient pet-cleaning solution. It also keeps your pet company and records vlogs of your pet's day while you're away.



The base station automatically refills water and cleaning solutions.

- Open the top cover of the base station.
- Remove the clean water tank and fill it with tap water.
- Insert the provided 200ml cleaning solution into the designated dispenser module.
- Place the clean water tank and solution dispenser back into the base station.

4. Initial Robot Charging and App Connection

- Place the robot vacuum onto the base station. It will automatically begin charging.
- Download the DREAME Home app from your smartphone's app store.
- Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network (2.4 GHz only).
- Once connected, the app will guide you through the initial mapping process of your home.

Operating Instructions

1. Starting and Stopping Cleaning

- **Via Robot:** Press the power button on the robot to start or pause cleaning. Press and hold to send it back to the base station.
- **Via App:** Use the DREAME Home app to start, pause, or send the robot back to the base station.
- **Voice Control:** The robot supports voice commands via third-party assistants like Alexa, Siri, and Google Home. (Requires integration setup in the app).

2. Cleaning Modes

Select desired cleaning modes through the DREAME Home app:

- **Vacuum Only:** For dry debris and carpets.
- **Mop Only:** For hard floors requiring wet cleaning.
- **Vacuum & Mop:** Simultaneous vacuuming and mopping.

3. Smart Navigation and Obstacle Avoidance



Adios to Tough Stains

The robot's ProLeap system allows it to clear obstacles up to 2.36 inches.

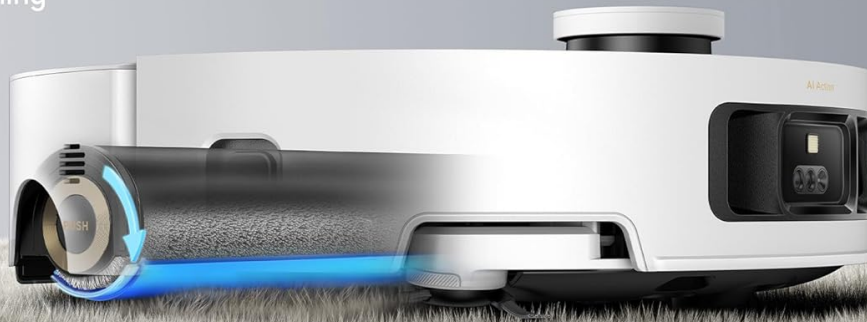
OmniSight System 2.0 and AI Action camera for precise object detection and avoidance.

- The robot uses LDS navigation and the OmniSight System 2.0 to create a detailed map of your home and navigate efficiently.
- Its AI Action camera detects and avoids common household obstacles, including pet waste and cables.
- The ProLeap System allows it to climb over thresholds up to 2.36 inches.

4. Carpet Protection

0%

Carpet Wetting
& Staining



*0% carpet overwetting: Results based on our in-house testing on carpets no thicker than 0.47in. Actual performance may vary.

Intelligent Carpet Protection

The AutoSeal Roller Guard prevents carpet wetting during mopping tasks.

- When mopping, the AutoSeal Roller Guard automatically lifts and covers the roller mop upon detecting carpet, preventing it from getting wet.
- For vacuuming carpets, the robot increases suction power for deeper cleaning.

5. Pet-Friendly Features

Good Vision for a Good Clean

Aqua10 Roller accurately detects, identifies, and avoids 240+ objects. Its 3D structured light, LED light, and AI action camera help it see dirt in dim areas for a more thorough cleanup.

240+

Types of Objects

*240+ Types of Objects: Based on our in-house lab data.



The DREAME Home app offers pet-specific features including auto vlog generation and activity monitoring.

- The robot can identify pet activity hotspots for targeted cleaning.
- The AI Action camera can record vlogs of your pet's day.
- Pet voice interaction and pet-finding modes are available through the app.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum.

1. Base Station Maintenance

- **Empty Dirty Water Tank:** Regularly empty the dirty water tank in the base station.
- **Refill Clean Water Tank:** Ensure the clean water tank is always filled for mopping and self-cleaning.
- **Replace Dust Bag:** The base station's dust bag typically needs replacement every 100 days, depending on usage.
- **Check Solution Dispenser:** Ensure the cleaning solution module has sufficient solution.

2. Robot Component Cleaning

50% Higher Suction

99% Hair Removal

100% Particle Pickup

30,000 RPM

Hair

Paper Scraps

Cat Litter

100%, 99% Based on tests in our in-house lab. Actual performance may vary depending on usage.
*50% Higher. Compared to Dreame X50 Ultra series.

Debris? Dust? Hair? Gone

The HyperStream Detangling DuoBrush minimizes hair tangles.

- **Mopping Roller:** The roller mop undergoes automatic self-cleaning and hot air drying in the base station. Periodically inspect it for debris and clean manually if necessary.
- **Main Brush & Side Brush:** Remove and clean any tangled hair or debris from the main brush and side brush using the cleaning tool provided.
- **Dust Box Filter:** Remove the dust box and clean its filter regularly. The filter is reusable.
- **Sensors:** Wipe the cliff sensors, wall sensors, and charging contacts with a soft, dry cloth.

Troubleshooting

Problem	Possible Cause	Solution
Robot does not start	Low battery; Power switch off	Charge the robot; Turn on the power switch on the base station.

Problem	Possible Cause	Solution
Robot gets stuck frequently	Too many obstacles; Dirty sensors	Clear obstacles; Clean sensors.
Poor cleaning performance	Full dust box; Clogged brushes; Dirty filter	Empty dust box; Clean brushes; Clean/replace filter.
Mop roller not cleaning effectively	Dirty mop roller; Empty clean water tank	Inspect and clean mop roller; Refill clean water tank.
App connection issues	Incorrect Wi-Fi password; Router too far	Verify Wi-Fi credentials; Move robot closer to router or reset Wi-Fi.

Specifications

Feature	Detail
Brand	DREAME
Model Name	DREAME Aqua10 Roller
Item Model Number	RLH31CE
Suction Power	30,000Pa
Battery Life	160 minutes
Voltage	110 Volts (AC)
Product Dimensions (Base Station)	18"L x 18"W x 26"H
Item Weight	49.4 pounds
Obstacle Clearance	Up to 2.36 inches
Mop Self-Cleaning Temperature	212°F (ThermoHub)
Mop Drying Temperature	149°F (Hot Air)
Dust Bag Capacity	Up to 100 days of auto-empty

Warranty and Support

DREAME is committed to providing high-quality products and customer satisfaction.

- **Product Warranty:** Enjoy up to a 3-Year Product Warranty.
- **Returns:** 30-Day Hassle-Free Returns.
- **Customer Support:** Dedicated Customer Support is available to assist with any inquiries or issues.
- **Repair Service:** Trusted, Fast & Local Warranty Repair Service is provided.

For detailed warranty terms or to contact support, please refer to the official DREAME website or your purchase documentation.

Official Product Videos

DREAME Aqua10 Roller - Always Fresh, Always Fearless!

This video provides an overview of the DREAME Aqua10 Roller Robot Vacuum's key features and benefits, highlighting its fresh water mopping and self-cleaning capabilities.