

dreame RLS6LADC

Dreame L10s Ultra Robot Vacuum and Mop User Manual

Model: RLS6LADC

1. INTRODUCTION

Thank you for choosing the Dreame L10s Ultra Robot Vacuum and Mop. This advanced cleaning system is designed to provide a hands-free, efficient, and thorough cleaning experience for your home. Featuring a fully automatic base station, the L10s Ultra empties its dustbin, cleans and dries its mop pads, and refills its water tank, allowing for extended periods of autonomous operation. This manual provides essential information on setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

2. SAFETY INFORMATION

WARNING: Cleaning and maintenance should not be performed by unsupervised children.

Always read and understand all safety warnings and instructions before using this appliance. Keep this manual for future reference.

- Ensure the power voltage matches the rating label on the charging station.
- Do not use the robot in environments with high temperatures or open flames.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not operate the robot in areas where there are lit candles or fragile objects.
- Avoid using the robot to pick up large or sharp objects, liquids, or burning/smoking materials.
- Regularly check the power cord for damage. If damaged, it must be replaced by the manufacturer or a qualified service agent.

3. PRODUCT OVERVIEW

3.1. Components

The Dreame L10s Ultra package includes the following items:

- Robot Vacuum and Mop
- Self-Cleaning Charging Station
- Side Brush (x1)
- Cleaning Tool (x1)
- Power Cord (x1)
- Dust Bags (x2)
- Mop Pads (x2, pre-installed)
- Mop Holders (x2)
- Multi-Surface Cleaner (x1)
- User Manual (x1)



Figure 3.1: Included Components

3.2. Product Structure

The Dreame L10s Ultra consists of the robot vacuum and mop unit and a multifunctional self-cleaning base station. The robot features a top-mounted LDS navigation sensor, front-facing AI vision sensors for obstacle detection, and an underside equipped with a main brush and two rotating mop pads.



Figure 3.2: Dreame L10s Ultra Robot and Base Station

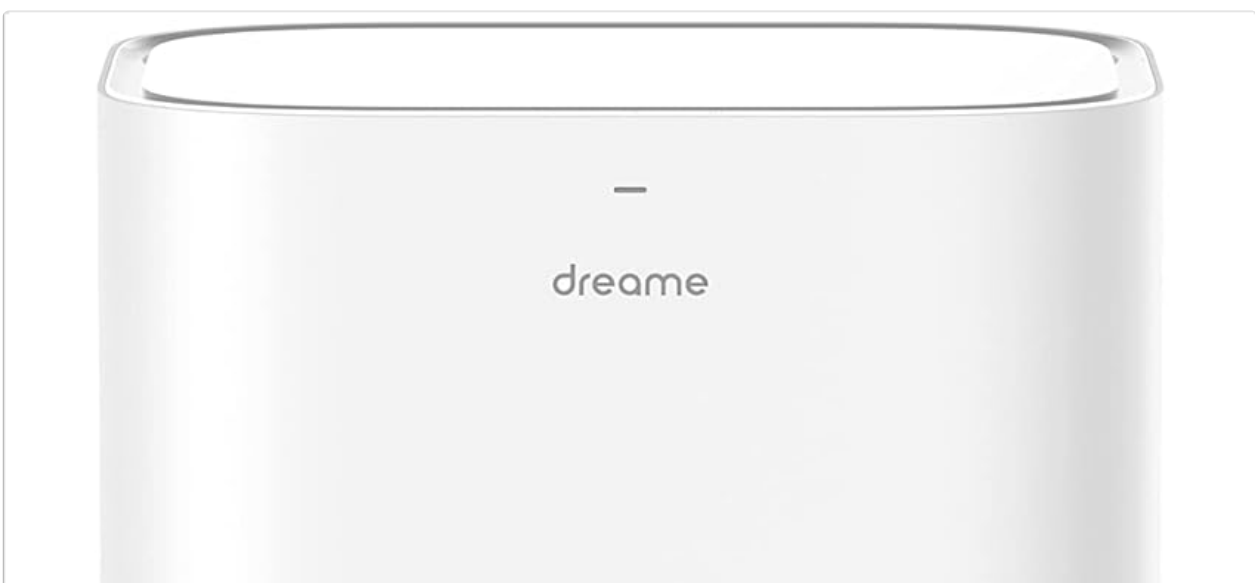




Figure 3.3: Front View of the Robot and Base

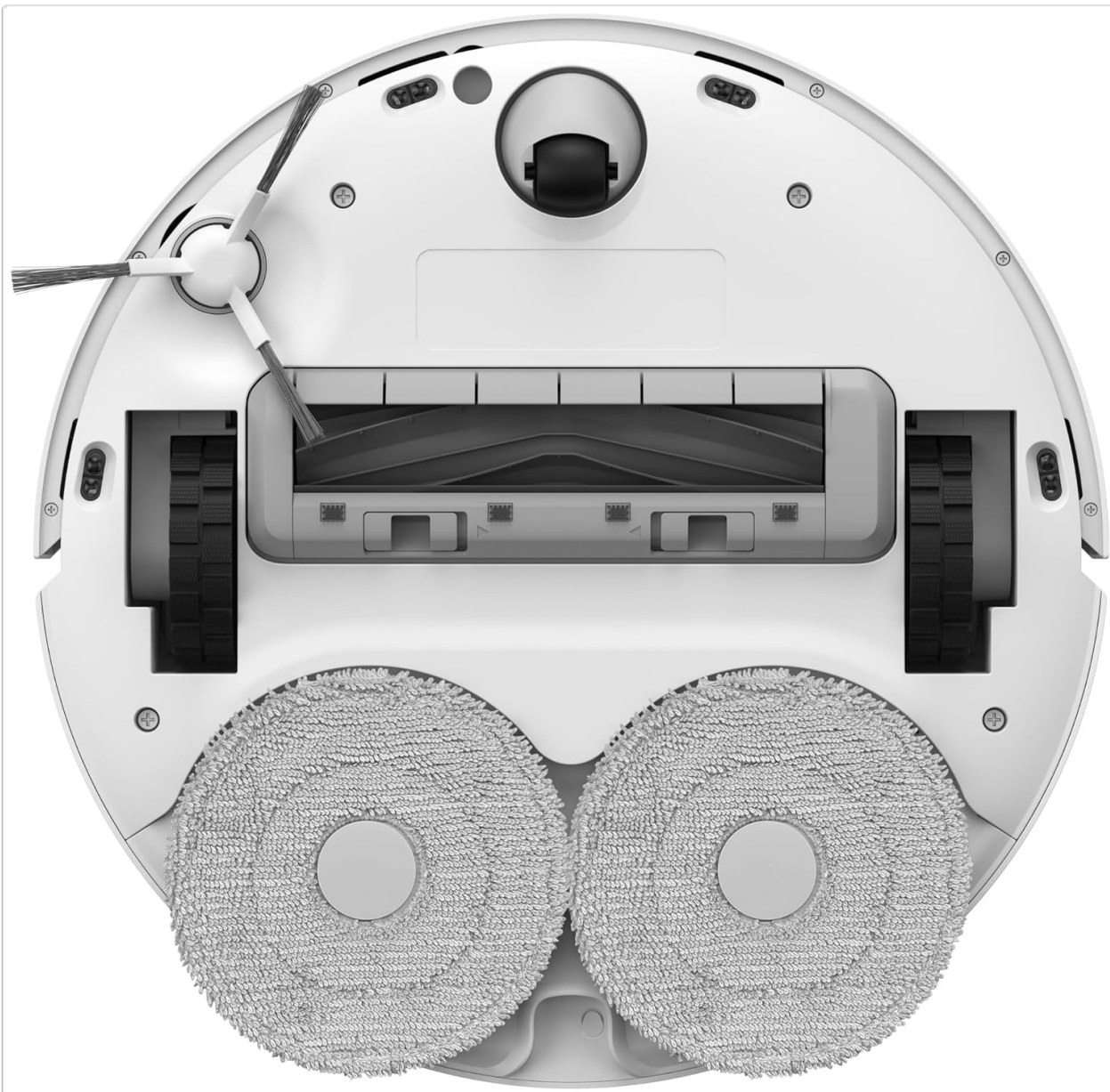


Figure 3.4: Underside of the Robot

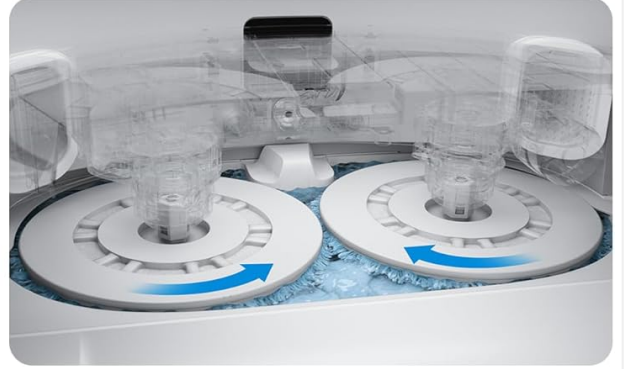
3.3. Key Features

- **Fully Automatic Base Station:** Empties the robot's dustbin, cleans and hot-air dries the mop pads, and refills the robot's water tank automatically.
- **Powerful Suction:** 5300Pa suction power for effective debris and pet hair removal.
- **Dual Rotating Mops:** Two high-speed rotating mop pads (180 rpm) provide deep scrubbing for hard floors.
- **AI Action and 3D Structured Light:** Advanced AI navigation with obstacle detection and avoidance for intelligent cleaning paths.
- **Automatic Carpet Detection and Mop Lifting:** The robot intelligently detects carpets and lifts its mop pads to avoid wetting them while vacuuming.
- **Long Battery Life:** 5200mAh battery provides up to 220 minutes of runtime.
- **Smart Home Integration:** Compatible with Dreamehome App, Amazon Alexa, Google Assistant, and Siri for convenient control.

Günlük ev temizliđinizi otomatik hale getirin



Otomatik boşaltma



Kendi kendini temizleyen paspas

Figure 3.5: Key Features Overview

4. SETUP

4.1. Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Choose a suitable location for the self-cleaning base station. Ensure it is placed against a wall, on a hard, level surface, with at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front. Avoid placing it in direct sunlight or near heat sources.
3. Plug the power cord into the base station and connect it to a power outlet.



Figure 4.1: Recommended Placement of the Base Station

4.2. Initial Setup

1. **Fill the Clean Water Tank:** Open the lid of the base station and remove the clean water tank. Fill it with clean tap water up to the MAX line. You may add the provided multi-surface cleaner if desired. Reinsert the tank.
2. **Install Dust Bag:** Ensure a dust bag is properly installed in the dust collection compartment of the base station.
3. **Attach Mop Pads:** Securely attach the mop pads to their respective holders, then snap the holders onto the bottom of the robot.
4. **Place Robot on Base:** Place the robot onto the charging contacts of the base station. Ensure it is properly aligned. The robot will begin charging automatically.

Çift döner paspaslar 180 devirde döner



Figure 4.2: Automatic Dust Emptying and Mop Cleaning System

4.3. App Connection

For full functionality and smart control, download the **Dreamehome** app from your mobile app store (Google Play Store or Apple App Store).

1. Open the Dreamehome app and create an account or log in.
2. Follow the in-app instructions to add your Dreame L10s Ultra. This typically involves scanning a QR code on the robot or manually selecting the model and connecting to its Wi-Fi hotspot.
3. Once connected, the app will guide you through the initial mapping process of your home.

5. OPERATING INSTRUCTIONS

5.1. Starting a Cleaning Cycle

You can start a cleaning cycle in several ways:

- **Robot Buttons:** Press the power button on the robot to start or pause cleaning. Press and hold to send the robot back to the base.
- **Dreamehome App:** Use the app to start/stop cleaning, select specific rooms or zones, set no-go zones, adjust suction power and water flow, and schedule cleaning tasks. The app provides a real-time map of your home and the robot's cleaning progress.
- **Voice Control:** Connect your Dreame L10s Ultra to Amazon Alexa, Google Assistant, or Siri. Use voice commands such as "Alexa, start cleaning" or "Hey Google, tell Dreame to clean the living room."



Figure 5.1: App Control Interface



Figure 5.2: AI Navigation in Action

5.2. Advanced Features

- **AI Obstacle Avoidance:** The robot uses an RGB camera and 3D structured light to detect and avoid obstacles in its path, ensuring a smooth cleaning process without getting stuck.
- **Automatic Mop Lifting:** When the robot detects a carpet, it automatically lifts its mop pads by 7mm to prevent wetting the carpet while continuing to vacuum.
- **Hot Air Mop Drying:** After cleaning, the base station uses hot air to dry the mop pads, preventing mildew and odors.
- **Automatic Suction Adjustment:** The robot can automatically adjust its suction power based on the floor type (e.g., increasing suction on carpets).

Kapsamlı Halı Temizliği



Automatische Anpassung



5.300 Pa starke Saugleistung.

Figure 5.3: AI-Powered Obstacle Avoidance

Kutu İçeriği



Yan fırça x 1



Güç kablosu x 1



Temizleme fırçası x 1



Toz Toplama Haznesi
(yenilenebilir) x 1



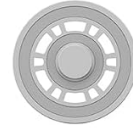
Ana istasyon x 1



Robot x 1



Paspas pedi x 1



Paspas Ped Tutucu x2



Çok yüzeyli zemin
temizleyici x 1



Kullanıcı kılavuzu x1

Figure 5.4: Carpet Cleaning and Suction Power

6. MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your Dreame L10s Ultra. Perform the following cleaning tasks as recommended:

6.1. Base Station Maintenance

- **Empty Dust Bag:** The 3L dust bag in the base station can hold up to 60 days of dust and debris. Replace the dust bag when the app indicates it is full or when you notice reduced dust collection.
- **Clean Water Tanks:** Regularly empty the dirty water tank and rinse both the clean and dirty water tanks to prevent mold and odors.
- **Clean Base Station Tray:** Periodically remove and clean the washing tray at the bottom of the base station where the mop pads are cleaned.

6.2. Robot Maintenance

- **Clean Mop Pads:** The mop pads are automatically cleaned and dried by the base. However, it is recommended to remove and hand-wash them periodically, especially if heavily soiled. Replace them every 1-3 months depending on usage.
- **Clean Main Brush:** Remove the main brush and use the cleaning tool to cut and remove any tangled hair or debris. Clean the brush cover as well.
- **Clean Side Brush:** Check the side brush for tangled hair or debris and clean it. Replace if damaged.
- **Clean Sensors:** Wipe the cliff sensors, wall sensor, and charging contacts on the robot and base station with a soft, dry cloth to ensure proper operation.



Figure 6.1: Mop Pad Cleaning and Effectiveness

7. TROUBLESHOOTING

If you encounter any issues with your Dreame L10s Ultra, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not start or respond.	Low battery; Power switch off; Robot stuck.	Charge the robot; Turn on the power switch; Clear any obstructions.
Poor cleaning performance.	Dustbin full; Brushes tangled; Filter clogged; Mop pads dirty.	Empty dustbin; Clean brushes; Clean/replace filter; Clean/replace mop pads.
Robot cannot return to base station.	Base station obstructed; Robot too far from base; Charging contacts dirty.	Ensure clear path to base; Manually place robot on base; Clean charging contacts.
App connection issues.	Incorrect Wi-Fi password; Router issues; Robot offline.	Verify Wi-Fi password; Restart router; Restart robot and try reconnecting.
Mop pads not cleaning effectively or leaving streaks.	Mop pads too dirty; Clean water tank empty; Dirty water tank full.	Clean or replace mop pads; Refill clean water tank; Empty dirty water tank.

For more detailed troubleshooting or persistent issues, please refer to the Dreamehome app's help section or contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	RLS6LADC
Robot Dimensions (L x W x H)	350 x 350 x 97 mm
Base Dimensions (L x W x H)	303 x 403 x 399 mm
Rated Power	55 Watts
Voltage	220 Volts
Suction Power	5300 Pa
Battery Capacity	5200 mAh
Runtime	Up to 220 minutes (3 hours 40 minutes)
Noise Level	59 dB
Dust Bag Capacity	3 Liters
Clean Water Tank Capacity	2.5 Liters
Dirty Water Tank Capacity	2.4 Liters
Connectivity	Wi-Fi IEEE 802.11b/g/n 2.4 GHz

Feature	Specification
Compatibility	Amazon Alexa, Google Assistant, Siri

9. WARRANTY AND SUPPORT

The Dreame L10s Ultra comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Dreame website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Dreame customer service through the Dreamehome app or their official support channels. Please have your model number (RLS6LADC) and purchase information ready when contacting support.