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DREAME L40 Ultra Gen 2

DREAME L40 Ultra Gen 2 Robot Vacuum and Mop User Manual

Model: L40 Ultra Gen 2

INTRODUCTION

The DREAME L40 Ultra Gen 2 is an advanced robot vacuum and mop designed to provide comprehensive floor cleaning. Featuring 25,000Pa suction power, an extendable side brush and mop, and an all-in-one self-emptying and cleaning dock, this device offers automated cleaning for various floor types. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting.

PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, contact customer support.



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



Mop Pads
(pre-installed) x2



Mop Pad
Holders x2



Dust Bags
(pre-installed) x2



Base Station Ramp
Extension x1



Quick Start
Guide x1



User
Manual x1

What's in the Box

Image: All components included in the DREAME L40 Ultra Gen 2 package. This includes the robot vacuum, base station, pre-installed main brush, pre-installed brush guard, pre-installed side brush, pre-installed dust box with filter, two pre-installed mop pads, two mop pad holders, two pre-installed dust bags, a base station ramp extension, a quick start guide, and the user manual.

- 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)
- Mop Pads (pre-installed) (x2)
- Mop Pad Holders (x2)
- Dust Bags (pre-installed) (x2)
- Base Station Ramp Extension (x1)
- Quick Start Guide (x1)
- User Manual (x1)

SETUP

1. Base Station Placement

Place the all-in-one base station on a hard, flat 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 for optimal robot navigation and docking. Connect the power cord to the base station and plug it into a power outlet.

2. Initial Charging

Place the robot vacuum onto the base station. Ensure the charging contacts on the robot align with those on the base station. The robot will automatically begin charging. For first-time use, fully charge the robot before operation, which typically takes approximately 6 hours.

3. App Connection

Download the DreameHome app from your mobile device's app store. Follow the in-app instructions to add your DREAME L40 Ultra Gen 2. This involves connecting the robot to your 2.4GHz Wi-Fi network. The app allows for advanced control, mapping, scheduling, and customization of cleaning preferences.

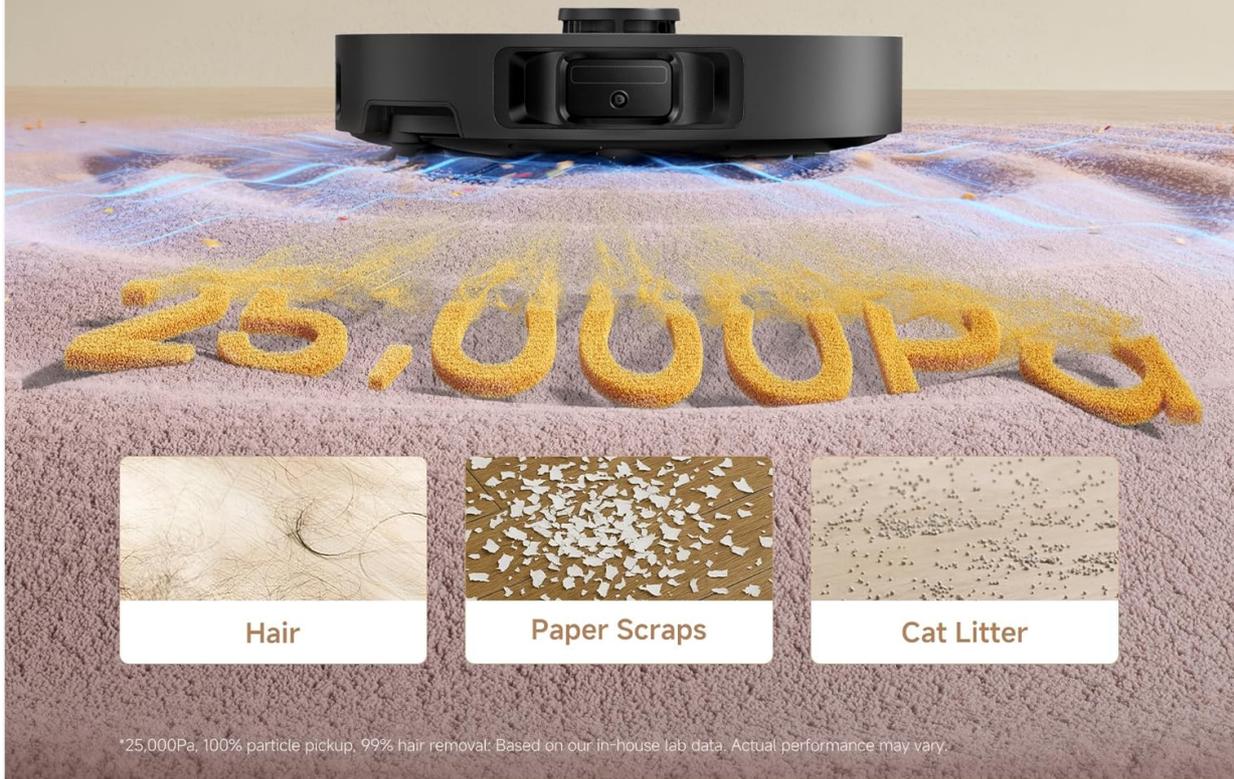
OPERATION

Cleaning Modes

The robot offers various cleaning modes accessible via the DreameHome app. These include vacuum-only, mop-only, and vacuum & mop combined modes. You can adjust suction power and water flow levels to suit different floor types and cleaning needs.

100% Particle Pickup

99% Hair Removal



Mega Suction Power

Image: The robot vacuum demonstrating its powerful 25,000Pa suction, capable of 100% particle pickup and 99% hair removal, effectively cleaning various debris like hair, paper scraps, and cat litter.

Advanced Mopping System

The DuoScrub Mopping System utilizes two high-speed rotary mops with 32-level moisture control for precise cleaning. The robot can adjust the mop's moisture level from slightly dry to wet, ensuring effective stain removal and quick drying.



Image: The robot vacuum actively mopping a hard floor, showcasing its DuoScrub Mopping System and the precision of its 32-level moisture control for optimal cleaning.

Corner and Edge Cleaning

The L40 Ultra Gen 2 features an extendable side brush and mop that reaches into corners and along edges, ensuring thorough cleaning where traditional robot vacuums might miss. This design allows for 100% corner coverage and 99% edge coverage.

100%

Corner Coverage

0mm

Along the Corner

99%

Edge Coverage

*100% corner coverage, 0mm along the corner, 99% edge coverage, 4cm: Based on our in-house lab data. Actual performance may vary.



Flexible Reach into Tight Spaces

Image: The robot vacuum's extendable side brush and mop mechanism, illustrating its ability to clean deep into corners and along wall edges for comprehensive coverage.

Carpet Cleaning

The robot is equipped with intelligent carpet detection. When a carpet is detected, the mops automatically lift up to 10.5mm to prevent wetting the carpet during mopping cycles. For vacuuming, the suction power can be boosted on carpets for deeper cleaning. You can also set carpet avoidance zones in the app.

Navigation and Obstacle Avoidance

Utilizing Smart Pathfinder and 3DAdapt technologies, the L40 Ultra Gen 2 maps your home with precision and avoids obstacles such as shoes, cables, and pet waste. This ensures efficient cleaning paths and reduces the risk of getting stuck or damaging items.

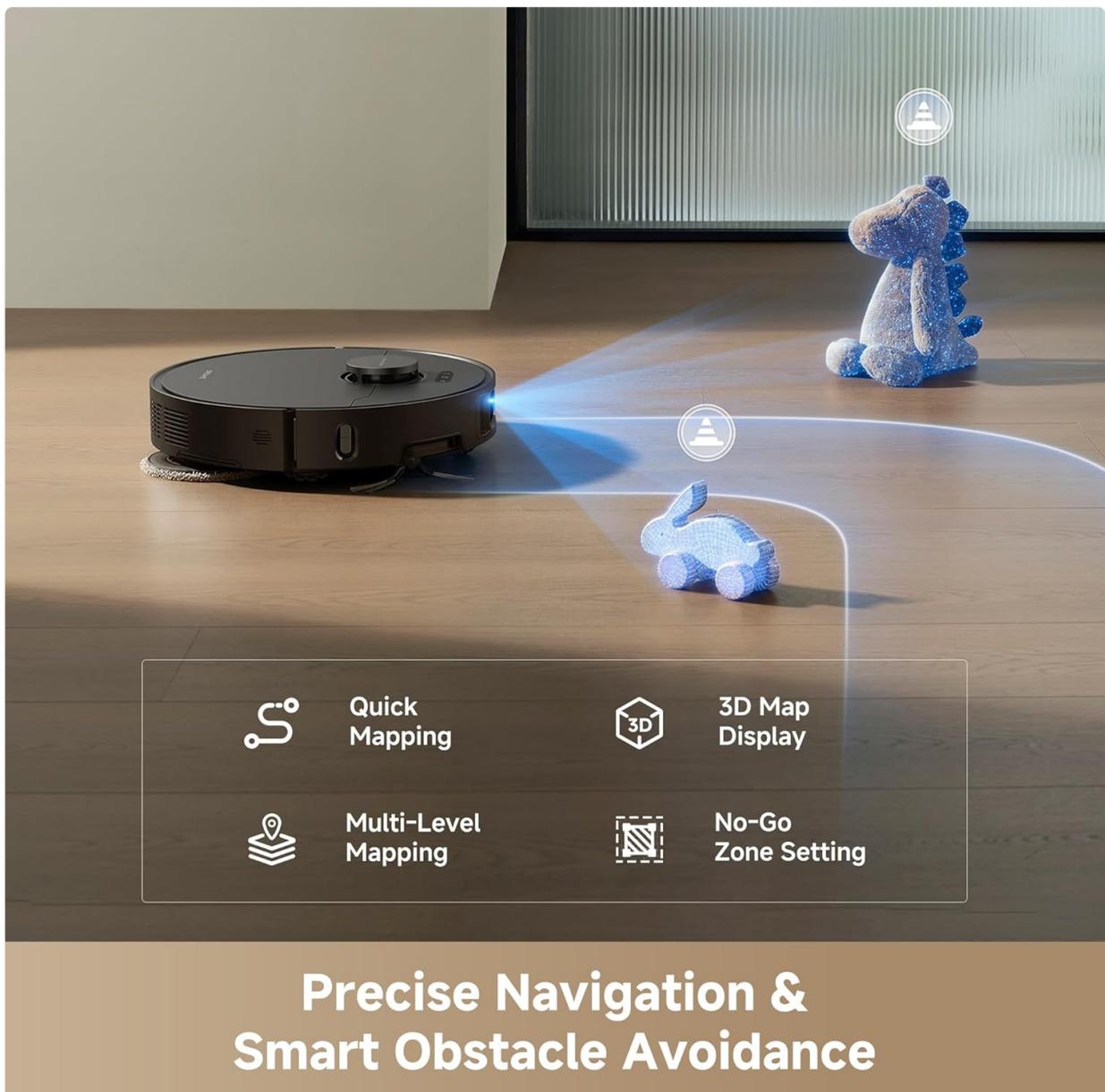


Image: The robot vacuum intelligently navigating a room, demonstrating its ability to detect and avoid obstacles using advanced sensors and mapping technology.

App and Voice Control

Control the robot through the DreameHome app for scheduling, zone cleaning, no-go zones, and real-time monitoring. The robot also supports voice control via Alexa, Siri, and Google Home for convenient hands-free operation. Ensure your Wi-Fi is 2.4GHz for connectivity.

Your browser does not support the video tag.

Video: An overview of the DREAME L40 Ultra Gen 2 robot vacuum and mop in action, showcasing its various cleaning features and capabilities.

MAINTENANCE

All-in-One Self-Cleaning Dock

The base station is designed for minimal manual maintenance. It performs several automated functions:

- **Auto-Emptying:** The robot automatically empties its dustbin into a 3.2L dust bag in the dock, providing up to 100 days of hands-free dust disposal.

- **Mop Washing:** The dock washes the mop pads during and after cleaning cycles using 20 spray nozzles and a flat integrated washboard design, ensuring mops stay clean.
- **Hot Air Drying:** After washing, the mop pads are dried with hot air to prevent mildew and odors.
- **Auto Water Refilling:** The dock refills the robot's water tank for mopping operations.



Auto Mop Self-Cleaning



5,200mAh Battery:
231 minutes, 1,679 ft²



Auto Water Tank Refilling



30% Faster & Off-Peak Charging



AceClean DryBoard



100-Day Auto-Empty



Auto Hot Air Drying

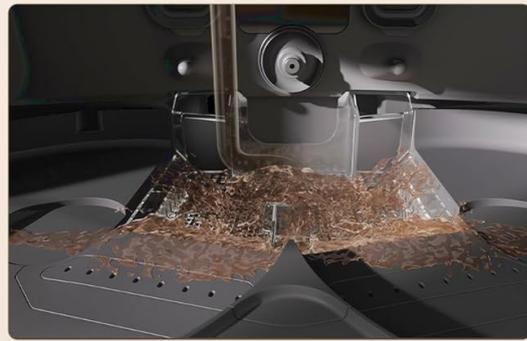
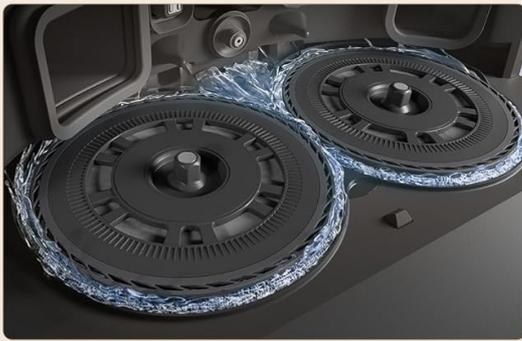
*100-day: Based on our in-house lab data. Actual performance may vary.
 *231 minutes, 1,679 ft²: Based on our in-house lab data in Vacuum Only mode under Quiet Suction. Actual performance may vary.
 *30% faster: Based on our in-house lab data, compared to Dreame's robot vacuum models without fast charging.
 *Off-peak charging: May vary by region. Please set and adjust according to local conditions.

Multifunctional PowerDock

Image: The multifunctional PowerDock, illustrating its capabilities including automatic mop self-cleaning, water tank refilling, 100-day auto-empty, and hot air drying for the mop pads.



99% Mop Stain Removal



*99% mop stain removal: Based on our in-house lab data. Actual performance may vary.

Efficient Self-Cleaning with Less Residue

Image: The self-cleaning mechanism of the mop pads within the dock, demonstrating how water is sprayed to clean the pads and dirty water is collected, ensuring 99% mop stain removal.

Robot Component Cleaning

- **Main Brush:** Regularly remove hair and debris tangled around the main brush. Use the cleaning tool provided.
- **Side Brush:** Check the side brush for tangled hair or debris and clean as needed. Replace if worn.
- **Dust Box and Filter:** Although the dock auto-empties, periodically remove the dust box and clean the filter. The filter is washable; allow it to air dry completely before reinstallation.
- **Mop Pads:** While the dock cleans them, inspect mop pads for excessive wear or stubborn stains. Replace if necessary.
- **Sensors:** Wipe all sensors on the robot and base station with a clean, dry cloth to ensure optimal navigation and performance.

Optional Auto-Detergent Dispenser

An optional auto-detergent dispenser module is available for separate purchase. Once installed, this module enables the base station to automatically dispense cleaning solution for mop washing, which can be activated and managed through the DreameHome app.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed correctly	Place robot on charging dock; Press and hold power button for 3 seconds
Robot cannot charge	Charging contacts dirty; Base station not powered	Clean charging contacts on robot and dock; Ensure base station is plugged in and powered
Robot gets stuck frequently	Obstacles in path; Sensors dirty	Clear obstacles; Clean all sensors; Set no-go zones in app
Poor cleaning performance	Dustbin full; Brushes tangled; Filter clogged; Mop pads dirty	Check dust bag in dock; Clean main/side brushes; Clean/replace filter; Ensure mop pads are clean
Mop pads not wet enough	Water tank empty; Water flow setting too low	Check water tank in dock; Adjust water flow in DreameHome app
App connection issues	Incorrect Wi-Fi band; Router issues	Ensure 2.4GHz Wi-Fi; Restart router and robot; Repair device in app

SPECIFICATIONS

Feature	Detail
Brand	DREAME
Model Name	L40 Ultra Gen2
Item Model Number	RLL53SE
Suction Power	25,000Pa
Special Features	DuoScrub Mopping System, Auto-empty, Hot Air Drying, Mop Washing, Precise Obstacle Avoidance, Smart Carpet Cleaning
Color	Black
Product Dimensions	13.8"L x 13.4"W x 23.3"H
Included Components	Filter, Mop Pad, Side Brush
Filter Type	Foam
Battery Life	200 minutes (up to 231 minutes in Quiet Mode)
Battery Capacity	5,200mAh

Feature	Detail
Voltage	110 Volts
Power Source	Corded Electric
Control Method	App, Voice (Alexa, Siri, Google Home)
Form Factor	Robotic
Smart Home Compatibility	Smart Home Compatible
Item Weight	38 pounds
Surface Recommendation	Wood, Marble, Tile
UPC	810142562744

WARRANTY AND SUPPORT

Warranty Information

DREAME products typically come with a standard product warranty. The DREAME L40 Ultra Gen 2 includes up to a 3-year product warranty. Please refer to the warranty card included in your package or visit the official DREAME website for detailed terms and conditions regarding warranty coverage, including specific durations and what is covered.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact DREAME customer support. You can find contact information (phone, email, or live chat) on the official DREAME website. Have your product model number (L40 Ultra Gen 2 or RLL53SE) and proof of purchase ready when contacting support.

DREAME offers dedicated customer support and a 30-day hassle-free return policy. Trusted, fast, and local warranty repair services are also available.