

DREAME X50 Ultra

DREAME X50 Ultra Robot Vacuum and Mop User Manual

Model: X50 Ultra (RLX85CE)

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the DREAME X50 Ultra Robot Vacuum and Mop. This advanced cleaning device is designed to provide a comprehensive and effortless cleaning experience for your home. Featuring powerful 20,000Pa suction, intelligent obstacle avoidance, 360° navigation, and an innovative auto-empty and mop self-cleaning station, the X50 Ultra ensures pristine floors with minimal effort.

Key features include:

- **20,000Pa Vormax Suction:** For deep cleaning and effective pickup of debris, pet hair, and dust.
- **Auto-Empty and Mop Self-Cleaning Station:** Automates dust disposal, mop washing with hot water, and mop drying with hot air.
- **ProLeap System:** Enables the robot to cross thresholds and barriers up to 2.36 inches.
- **VersaLift Navigation:** Lowers the robot's height to 3.5 inches to clean under low furniture.
- **Detangling DuoBrush:** Effectively manages long hair, preventing tangles.
- **Corner to Edge Deep Cleaning:** Extends brushes and mops to reach tight corners and edges.
- **Matter Protocol Support:** For seamless integration into smart home ecosystems (via future OTA update).



Figure 1.1: The DREAME X50 Ultra Robot Vacuum and Mop with its accompanying auto-empty and self-cleaning station, alongside a smartphone showing the control application.

2. SETUP GUIDE

2.1 Unboxing and Component Check

Carefully remove all components from the packaging. Ensure all items listed below are present:

- DREAME X50 Ultra Robot Vacuum and Mop
- Base Station
- Base Station Ramp Extension
- Quick Start Guide
- User Manual
- Main Brush (pre-installed)
- Brush Guard (pre-installed)

- Side Brush (pre-installed)
- Dust Bags x2 (one pre-installed)
- Mop Pad Holders x2
- Mop Pads x2
- Cleaning Tool
- 200ml Cleaning Solution

2.2 Base Station Placement

Place the base station on a hard, level surface against a wall, ensuring there is adequate clear space around it (at least 1.5 feet on each side and 5 feet in front). Connect the power cord to the base station and plug it into a wall outlet. Ensure the base station ramp extension is properly attached.

2.3 Initial Charging

Place the robot onto the base station. The robot will automatically align and begin charging. For first-time use, it is recommended to fully charge the robot before its initial cleaning cycle.

2.4 App Installation and Initial Mapping

Download the DREAME Home app from your smartphone's app store. Follow the in-app instructions to connect your X50 Ultra. The app will guide you through the initial mapping process, which is crucial for efficient navigation and cleaning customization. Ensure your Wi-Fi network is stable during this process.

3. OPERATING INSTRUCTIONS

3.1 Starting a Cleaning Cycle

You can start a cleaning cycle in several ways:

- **Via DREAME Home App:** Select your desired cleaning mode (Vacuum, Mop, or Vacuum & Mop) and initiate cleaning.
- **On-Robot Button:** Press the power button on the robot to start a standard cleaning cycle.
- **Voice Control:** Use compatible smart assistants like Amazon Alexa, Google Home, or Siri (e.g., "Hey Google, start cleaning with Dreame").

3.2 Advanced Navigation and Cleaning Features

The X50 Ultra is equipped with advanced features to optimize cleaning performance:

- **ProLeap System:** The robot's retractable legs allow it to effortlessly climb over thresholds and obstacles up to 2.36 inches, ensuring seamless transitions between rooms.



2.36in*
Double-Layer Thresholds

1.8cm

4.2cm



*2.36in : The gap between steps should be greater than 1.57in.

Dreame First-in-Class ProLeap System

Figure 3.1: The DREAME X50 Ultra utilizing its ProLeap System to navigate over a double-layer threshold.

- **VersaLift Navigation:** The robot can lower its height to 3.5 inches to clean under low-clearance furniture, reaching dust and debris in hard-to-access areas.



*3.5in: After opening the VersaLift navigation, the robot vacuum will clean under furniture nearly level with the robot vacuum's body, which may scratch the robot vacuum. Please ensure the furniture bottom and edges are flat and without protrusions before enabled.

Fits Spaces as Low as 3.5in

Figure 3.2: The DREAME X50 Ultra's VersaLift Navigation allows it to clean effectively under low furniture.

- **Corner to Edge Deep Cleaning:** The robot extends its side brush and mop pads to ensure comprehensive cleaning along walls and into corners, leaving less than 1mm along the edge.



100%

Coverage* Cleaning
of Edges and Corners

99%

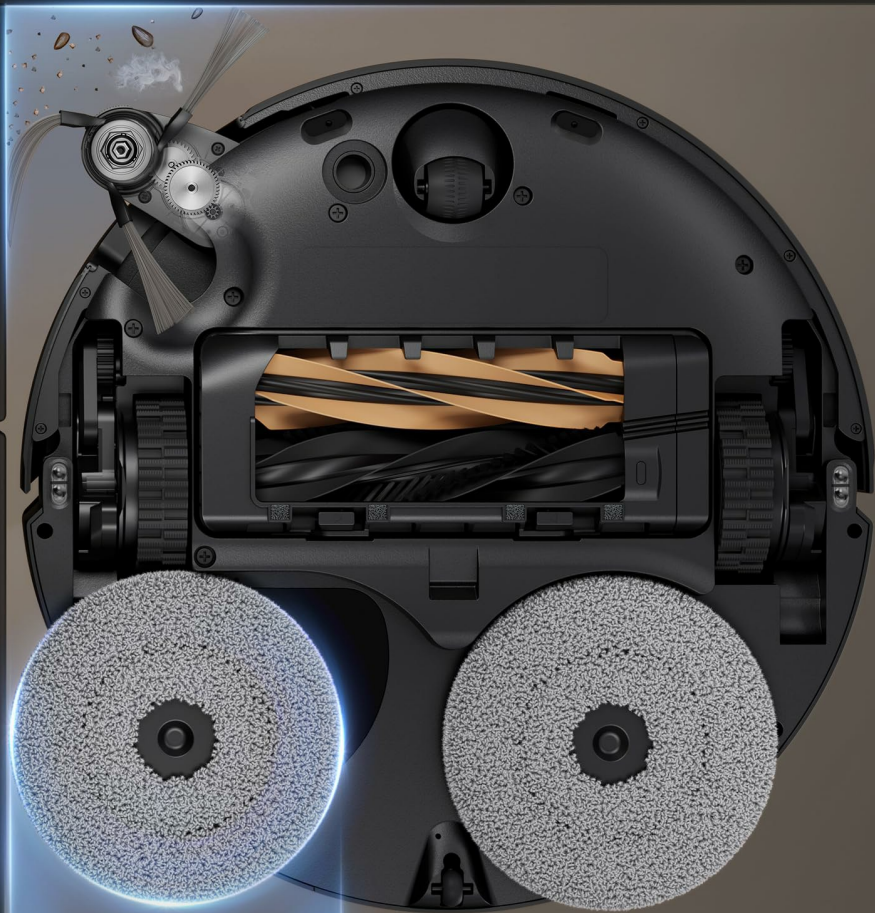
Edge &
Corner Coverage

<1mm

Along the Edge

1.57 in

Under Furniture



*100% Coverage: Certified by TÜV SÜD. Actual results depend on the environment.

Reach into Tight Corners

Figure 3.3: The DREAME X50 Ultra's design allows for 100% coverage of edges and corners.

- **Carpet Care:** The X50 Ultra offers five tailored modes for carpets, including automatic mop removal, carpet avoidance, and suction boost for deeper cleaning.

3.3 Using the DREAME Home App

The DREAME Home app provides full control over your robot vacuum. Features include:

- **Map Management:** Create, edit, and save multiple maps for different floors. Set no-go zones, no-mop zones, and virtual walls.
- **Custom Cleaning:** Select specific rooms or zones for cleaning, adjust suction power and water flow levels.
- **Scheduling:** Set up recurring cleaning schedules for convenience.
- **Real-time Monitoring:** Track the robot's cleaning path and status in real-time.
- **Firmware Updates:** Receive over-the-air (OTA) updates to enhance performance and add new features.

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Video 3.1: An instructional video demonstrating how to master your robotic vacuum cleaner using the DREAME app, covering various features and controls.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DREAME X50 Ultra.

4.1 Auto-Maintenance Features

The Intelligent PowerDock provides comprehensive auto-maintenance:

- **Auto-Empty:** The dust bag in the base station can hold up to 3.2L of debris, providing up to 100 days of hands-free dust disposal.
- **Auto Mop Washing:** Mop pads are automatically washed with 176°F (80°C) hot water to remove tough stains and ensure hygiene.

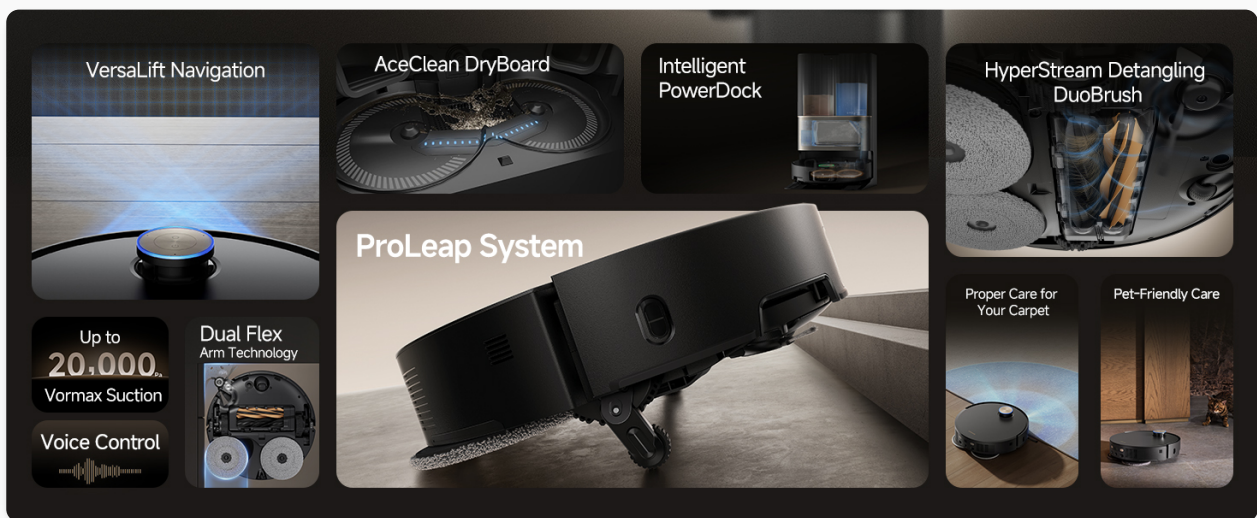


Figure 4.1: The X50 Ultra's auto mop self-cleaning system uses hot water for effective stain removal.

- **Auto Mop Drying:** Mop pads are dried with hot air to prevent mildew and odors.
- **Auto Water Tank Refilling:** The robot's water tank is automatically refilled for continuous mopping.
- **AceClean DryBoard System:** An integrated washboard design simplifies cleaning and maintenance of the base station's mop washing area, ensuring less residue.



Figure 4.2: The AceClean DryBoard System ensures the mop washing area remains spotless.

4.2 Manual Cleaning and Component Care

- **Detangling DuoBrush:** The redesigned brush minimizes hair tangling. Periodically check and clean the main brush and side brush using the provided cleaning tool.

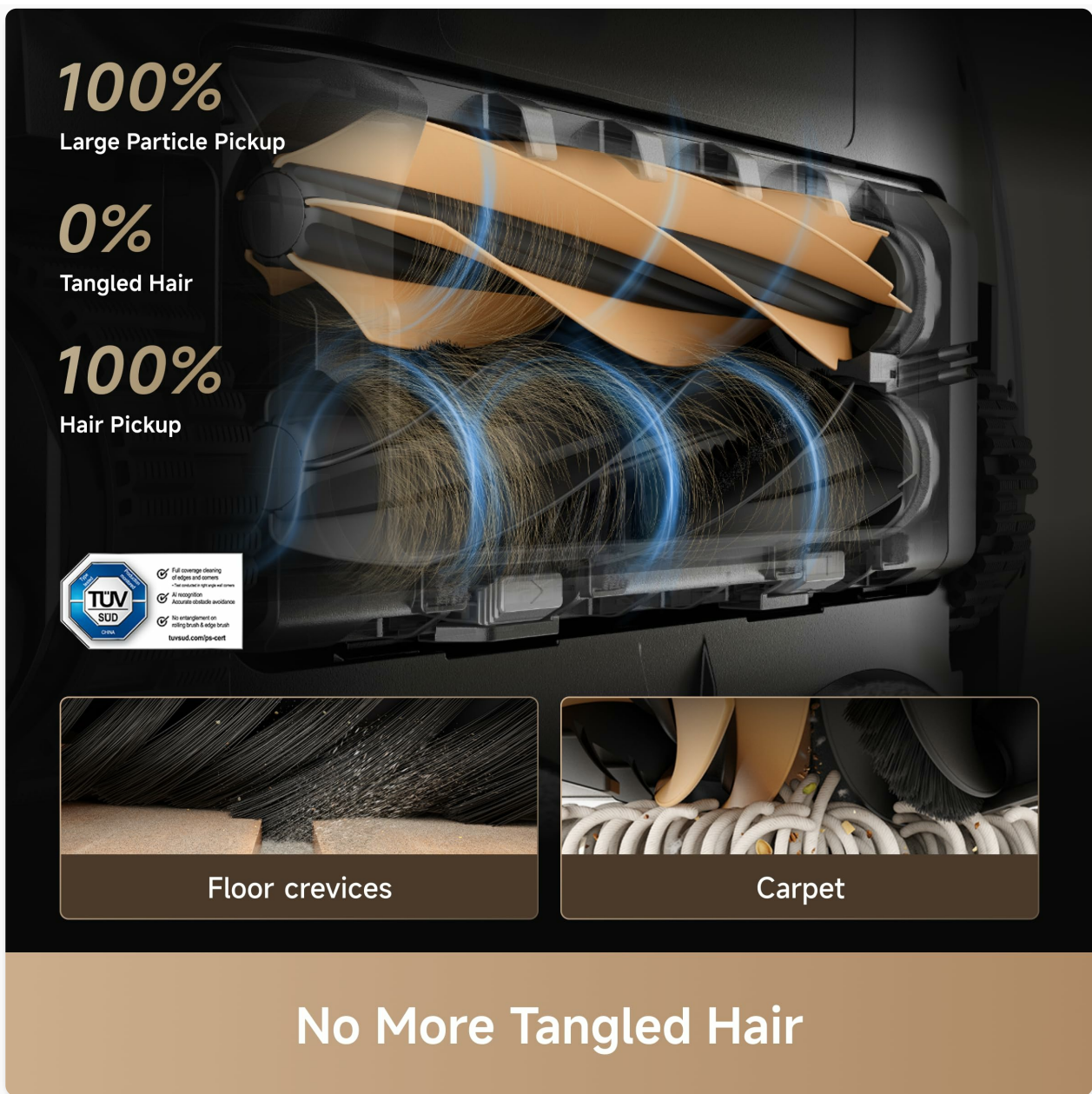


Figure 4.3: The DuoBrush system ensures 100% hair pickup with 0% tangles.

- **Dust Bag Replacement:** Replace the dust bag in the base station when indicated by the app or when full.
- **Water Tanks:** Regularly empty and rinse the dirty water tank. Refill the clean water tank with fresh water and cleaning solution as needed.
- **Mop Pads:** While the robot self-cleans, it's good practice to occasionally remove and hand-wash the mop pads for thorough cleaning.
- **Sensors:** Wipe the robot's sensors (cliff sensors, wall sensors, etc.) with a soft, dry cloth to ensure accurate navigation.

5. TROUBLESHOOTING

If you encounter any issues with your DREAME X50 Ultra, please refer to the following common troubleshooting steps:

- **Robot Not Charging:** Ensure the base station is powered on and the robot is correctly docked. Clean the charging contacts on both the robot and the base station.
- **Robot Getting Stuck:** Clear obstacles from the cleaning path. Check if the robot is stuck on high thresholds (ensure ProLeap system is enabled if needed).
- **Poor Cleaning Performance:** Check if the dust bag is full or if the main brush/side brush is tangled with hair. Clean or replace as necessary. Ensure water tanks are filled for mopping.
- **App Connectivity Issues:** Ensure your Wi-Fi network is stable and the robot is within range. Restart the robot and your router. Re-pair the robot with the app if necessary.
- **Unusual Noises:** Check for foreign objects caught in the brushes or wheels. Ensure all components are properly installed.

For specific error codes or persistent issues, consult the DREAME Home app's help section or contact DREAME customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	DREAME
Model Name	X50 Ultra
Item Model Number	RLX85CE
Suction Power	Up to 20,000Pa Vormax Suction
Battery Life	180 minutes
Product Dimensions	17.2"L x 17"W x 25.5"H
Item Weight	39.9 pounds
Control Method	App, Remote, Voice (Amazon Echo, Siri, Google Home, Smartwatches)
Filter Type	Cloth
Power Source	Corded Electric
Voltage	110 Volts
UPC	810142560269

7. WARRANTY AND SUPPORT

The DREAME X50 Ultra Robot Vacuum and Mop comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage period and limitations.

For technical support, troubleshooting assistance, or warranty claims, please contact DREAME customer service through the DREAME Home app or visit the official DREAME website. Keep your purchase receipt and product serial number handy when contacting support.

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This manual is for informational purposes only. Specifications are subject to change without notice.