



Manuals.plus /

- › DREAME /
- › DREAME L20 Ultra Robot Vacuum and Mop Instruction Manual

DREAME RLX41CE

DREAME L20 Ultra Robot Vacuum and Mop User Manual

Model: L20 Ultra

PRODUCT OVERVIEW

The DREAME L20 Ultra is an advanced robotic vacuum and mop designed to provide a comprehensive and hands-free cleaning experience. Featuring cutting-edge navigation, powerful suction, and intelligent mopping capabilities, it ensures your home remains spotless with minimal effort.



Figure 1: DREAME L20 Ultra Robot Vacuum and Mop with its automatic base station.

INCLUDED COMPONENTS

Verify that all components are present in the packaging:

- Robot x1
- Base Station x1
- Power Cord x1
- Dust Collection Bag x2
- Cleaning Brush x1
- Side Brush x1
- Mop Pad x2 (pre-installed)
- Mop Pad Holder x2

Package List



Robot x 1



Base Station - Charging Dock x 1



Dust Bag x 2



Cleaning Tool x 1



Base Station Ramp Extension Plate x 1



Side Brush x 1



Power Cord x 1



Multi-Surface
Floor Cleaner x 1



Mop Pad x 2



Mop Pad Holder x 2

Figure 2: Visual representation of all included components in the package.

SETUP

1. Base Station Placement

Place the base station on a hard, level surface against a wall, ensuring there are no obstacles within 1.5 meters (5 feet) in front of it and 0.5 meters (1.6 feet) on either side. Connect the power cord to the base station and plug it into a power outlet.

2. Initial Charging & Water Tank Setup

Open the top cover of the base station. Fill the clean water tank with clean water and, if desired, add the

recommended cleaning solution. Ensure the dirty water tank is empty. Insert a dust collection bag into the designated slot. Place the robot onto the base station for its initial charge.



Figure 3: Internal view of the base station showing clean water tank, dirty water tank, and dust bag compartment.

3. App Download & Mapping

Download the DREAME Home app from your device's app store. Follow the in-app instructions to connect your robot. Once connected, initiate a mapping run to allow the robot to create a detailed map of your home. This map is crucial for efficient navigation and customized cleaning.

Versatile and fully automatic base station.



Figure 4: The robot vacuum connected to the DREAME Home app on a smartphone.

OPERATING INSTRUCTIONS

Cleaning Modes

The DREAME L20 Ultra supports various cleaning modes:

- **Vacuum Only:** Ideal for carpets and dry debris.
- **Mop Only:** For hard floors requiring wet cleaning.
- **Vacuum and Mop:** Simultaneous cleaning for mixed surfaces.

MopExtend Technology

The MopExtend feature allows the robot to automatically extend its mop pads to reach edges and corners, ensuring thorough cleaning in areas typically missed by standard robot vacuums.



More insight and intelligence.

| | |
|---|---|
|  Pathfinder™ Smart Navigation |  AI Action, and 3D Structured Light Obstacle Avoidance System |
| 4 Multi-Floor Maps | 3D Mapping |
| 55 Types of Objects* | LED Light |

 *55 types of objects: Based on a calculation derived from environment testing in Dreame's lab.
*L20 Ultra is certified-safe by TÜV SÜD and meets ETSI EN 303 645 cyber security standards for IoT products.

Figure 5: The MopExtend unit extending to clean along a wall edge.

AI Obstacle Avoidance

Equipped with Pathfinder Smart Navigation and 3D Structured Light Obstacle Avoidance, the robot can recognize up to 55 different object types, navigating around them to prevent collisions and ensure continuous cleaning.

Advanced and powerful Vormax suction system.



*7,000Pa:Based on tests in Dreame's lab. Actual performance may vary depending on the real-world environment and usage.

Figure 6: The robot intelligently navigating around household objects and furniture.

Carpet Detection & Mop Removal

The L20 Ultra features advanced ultrasonic carpet detection. When a carpet is detected, the robot can automatically return to the base station to remove its mop pads, preventing carpets from getting wet during vacuuming. Alternatively, it can raise its mop pads by 10.5mm for low-pile carpets.

Seamless Smart Home Integration with Voice Control.



*Voice Control: Alexa, Siri, and the Google Assistant are a third-party service requiring a device that integrates the relevant voice control technology. The Dreamehome app is required for Siri.

Figure 7: The robot automatically detaching its mop pads at the base station before cleaning carpets.

Voice Control

Integrate your DREAME L20 Ultra with smart home assistants like Amazon Echo or Google Home for convenient voice-activated commands. Simply say the word to start, stop, or pause cleaning.

Mops, washes, repeats.

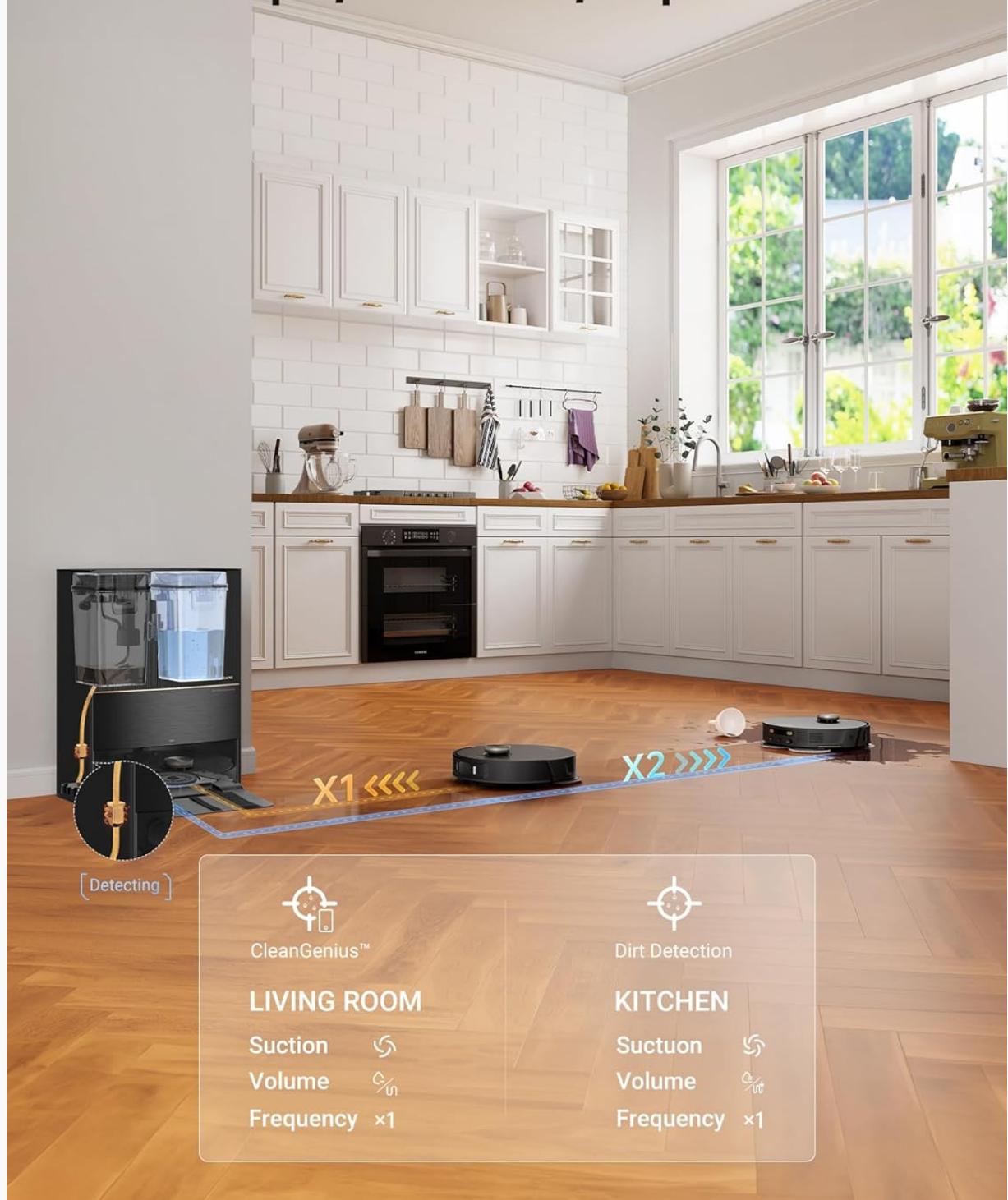


Figure 8: User interacting with the robot vacuum using voice commands.

MAINTENANCE

Automatic Base Station Maintenance

The base station is designed for minimal manual intervention. It automatically empties the robot's dustbin into a 3.2L dust bag (up to 75 days capacity), washes the mop pads, and dries them with warm air after cleaning. It also self-refills the robot's water tank and adds cleaning solution.

Changing the Dust Bag

When the dust bag is full, the app will notify you. To replace it, open the top cover of the base station, pull the lever to seal the bag, and remove it. Insert a new dust bag and push the lever back into place.

Video 1: Step-by-step guide on how to change the dust bag in the DREAME L20 Ultra base station.

Cleaning the Roller Brush

Regularly check and clean the main roller brush to remove tangled hair or debris. The liftable rubber brush design makes detangling easier.

Mop Pad Care

While the base station self-cleans and dries the mop pads, it is recommended to periodically remove and hand-wash the mop pads for deeper cleaning, especially after heavy use.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------------------|---|---|
| Robot not charging | Base station not powered; poor contact | Ensure base station is plugged in; clean charging contacts. |
| No water dispensed during mopping | Water tank empty; clogged nozzle | Refill water tank; clean water nozzle. |
| Robot gets stuck frequently | Too many obstacles; tangled brush | Clear obstacles; clean main brush. |
| Dust bin not emptying | Dust bag full; suction port blocked | Replace dust bag; clear any blockages in the base station's suction port. |

For more detailed troubleshooting, refer to the DREAME Home app or the full user manual.

SPECIFICATIONS

| Feature | Detail |
|---------------------------|----------------------------|
| Brand | DREAME |
| Model Name | L20 Ultra |
| Suction Power | 7,000 Pa |
| Color | Black |
| Product Dimensions | 19.5"L x 27"W x 19.49"H |
| Battery Life | 180 minutes |
| Dust Bag Capacity | 3.2 Liters (up to 75 days) |
| Clean Water Tank Capacity | 4.5 Liters |
| Control Method | App, Remote, Touch, Voice |
| UPC | 850044652228 |
| Item Weight | 37.5 pounds |

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official DREAME website or the full user manual provided with your product. A PDF version of the user manual is available for download via the following link: [User Manual \(PDF\)](#).