

## DREAME D20ProPlus

# DREAME D20 Pro Plus Robot Vacuum and Mop User Manual

Brand: DREAME | Model: D20ProPlus

## 1. OVERVIEW

The DREAME D20 Pro Plus is an advanced 2-in-1 robot vacuum and mop designed for comprehensive home cleaning. It features powerful suction, intelligent navigation, and automated maintenance to simplify your cleaning routine.

- **Powerful Suction:** Equipped with 13,000Pa Vormax suction power to effectively clean dust and debris from various surfaces.
- **DuoBrush Technology:** Features a HyperStream detangling DuoBrush designed to efficiently capture pet hair and reduce tangling.
- **2-in-1 Vacuum & Mop:** Offers simultaneous vacuuming and mopping with a 500ml dust box and a 350ml clean water tank with 32 adjustable moisture levels.
- **Smart Navigation:** Utilizes LDS Navigation and Smart Pathfinder technology for precise mapping, obstacle avoidance, and thorough corner cleaning with an extendable side brush.
- **Self-Emptying:** The auto-empty base station with a 5L dust bag provides up to 150 days of hands-free dust collection.
- **Extended Battery Life:** Powered by a 5,200mAh battery, offering up to 285 minutes of runtime.
- **Voice & App Control:** Compatible with the Dreamehome app, Alexa, Apple Siri, and Google Home for convenient control.



Figure 1: Key features of the DREAME D20 Pro Plus Robot Vacuum and Mop.

## 2. WHAT'S IN THE BOX

Upon unboxing your DREAME D20 Pro Plus, ensure all components are present:

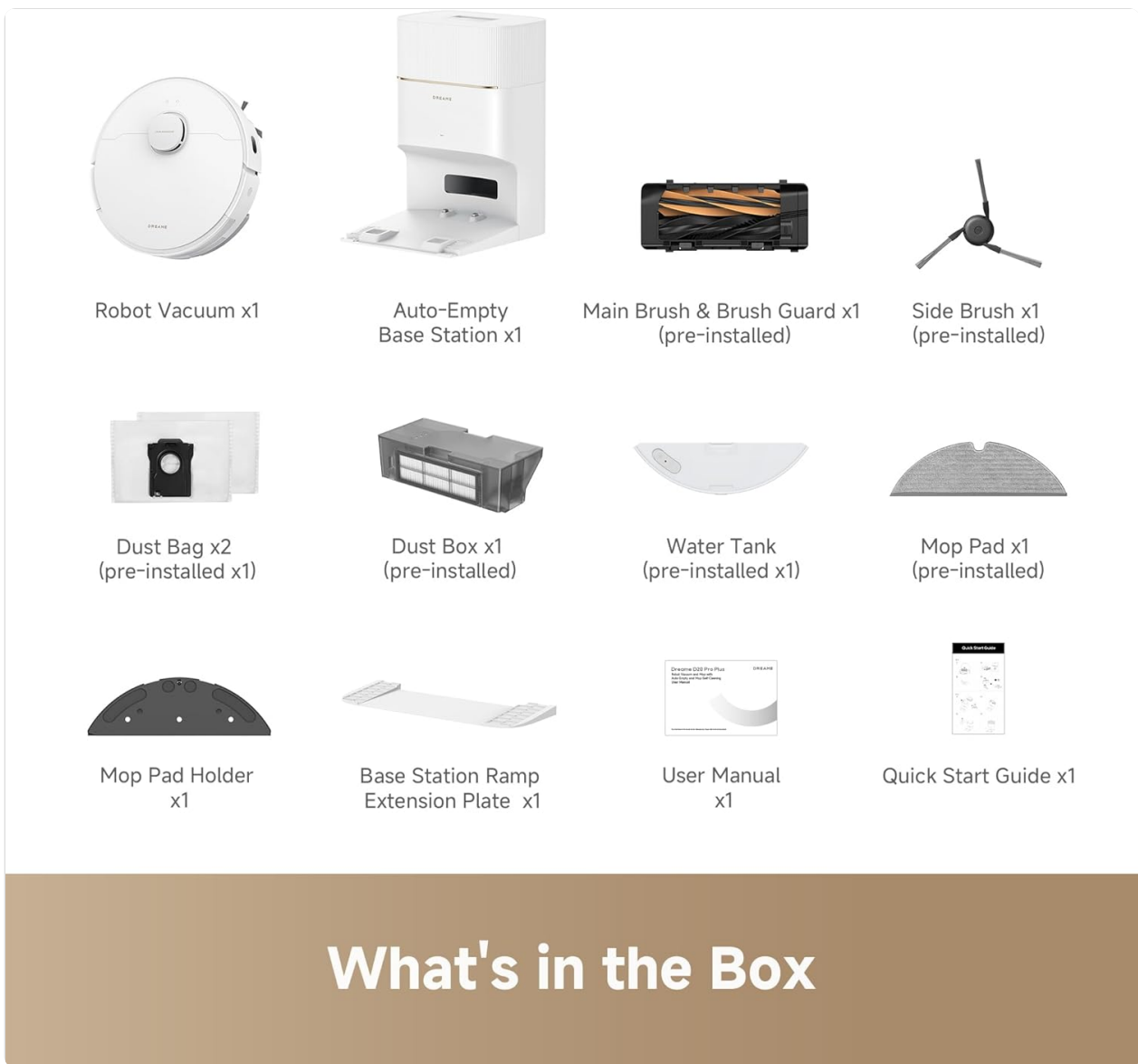


Figure 2: All components included in the DREAME D20 Pro Plus package.

- Robot Vacuum (x1)
- Auto-Empty Base Station (x1)
- Main Brush & Brush Guard (pre-installed)
- Side Brush (pre-installed)
- Dust Bag (x2, 1 pre-installed)
- Dust Box (x1, pre-installed)
- Water Tank (x1, pre-installed)
- Mop Pad (x1, pre-installed)
- Mop Pad Holder (x1)
- Base Station Ramp Extension Plate (x1)
- User Manual (x1)
- Quick Start Guide (x1)

### 3. SETUP

#### 3.1 Initial Placement and Charging

Place the auto-empty base station against a wall in an open area, ensuring sufficient space around it for the

robot to maneuver. Connect the power cord to the base station and plug it into a power outlet. Place the robot vacuum onto the charging contacts of the base station. Ensure the robot is powered on and charging before proceeding.

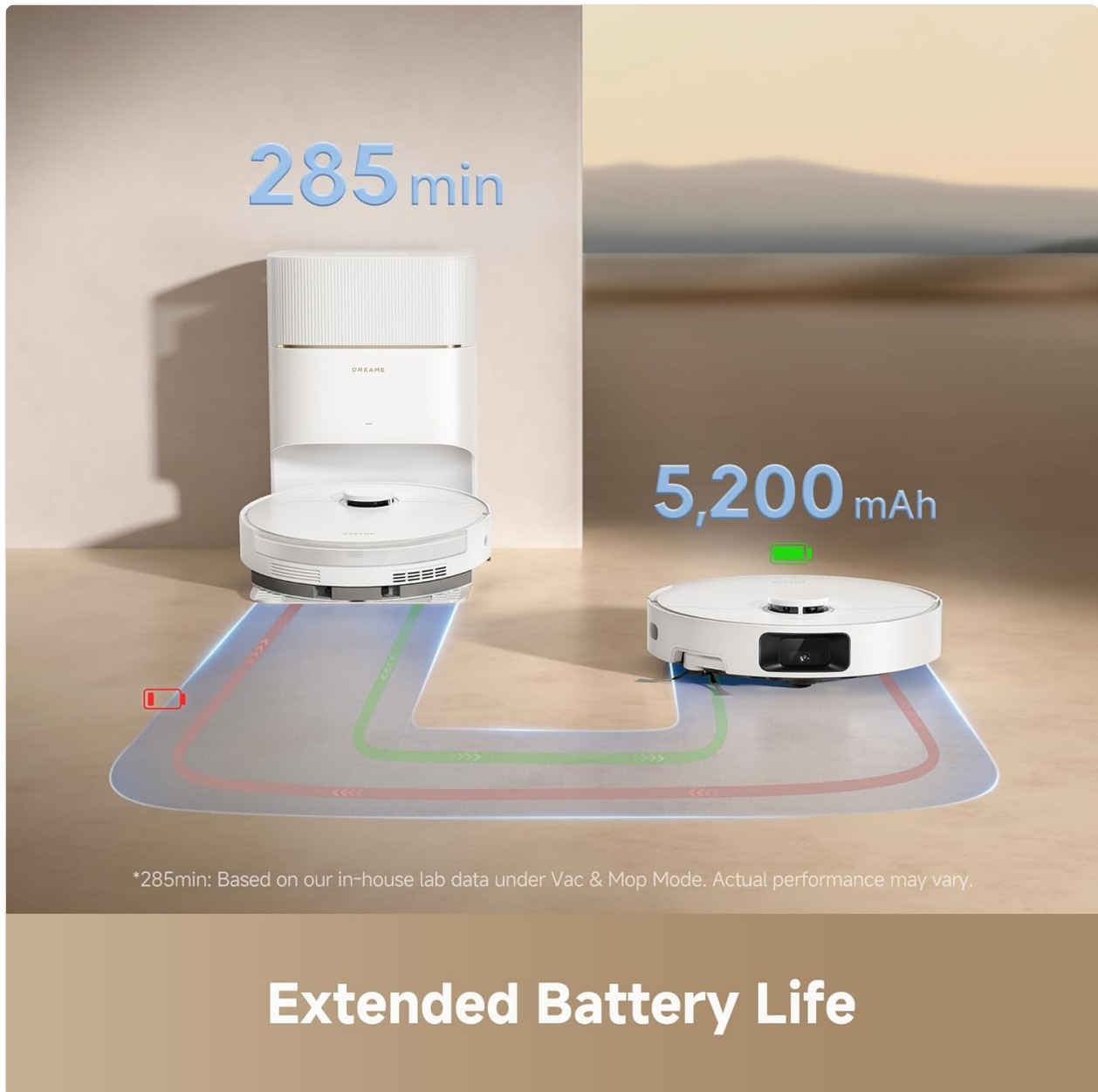


Figure 3: The robot vacuum charging on its auto-empty base station, illustrating extended battery life.

### 3.2 App Setup and Wi-Fi Connection

To unlock the full potential of your DREAME D20 Pro Plus, download the 'Dreamehome' app from your device's app store (iOS or Android). Follow the in-app instructions for initial setup and Wi-Fi connection.

Video 1: Detailed guide on setting up the Dreame D20 Plus with the mobile application, including Wi-Fi connection steps.

**Important:** Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during the setup process, as the robot only supports this frequency.

### 3.3 Initial Mapping

After successful app setup, initiate the mapping process. The robot will navigate your home to create a detailed map using its LDS Navigation and Smart Pathfinder technology. This map is crucial for efficient cleaning and allows for customized cleaning plans.



## Smooth Path Routing & Obstacle Avoidance

Figure 4: The robot utilizing smart mapping and obstacle avoidance for efficient navigation.

## 4. OPERATING INSTRUCTIONS

### 4.1 Cleaning Modes and Settings

The Dreamehome app provides extensive control over your robot's cleaning operations:

- **Cleaning Mode:** Choose between Vacuum Only, Mop Only, or Vacuum & Mop simultaneously.
- **Suction Power:** Adjust suction to Quiet, Standard, Turbo, or Max settings. An additional Max+ mode is available for single-use intensive cleaning.
- **Wetness Level:** For mopping, select from Slightly Dry, Moist, or Wet to suit different floor types and cleaning needs.
- **Cleaning Route:** Choose between Quick, Standard, or Intensive cleaning routes.

Video 2: A comprehensive guide to adjusting map settings and cleaning preferences within the Dreamehome app.

### 4.2 Customized Cleaning

Leverage the generated map to customize your cleaning:



- **Room Partitioning:** Divide or merge rooms on the map for targeted cleaning.
- **Ground Environment:** Specify floor materials (tile, wood, carpet) for optimized cleaning. The robot can automatically boost suction on carpets.
- **No-Go Zones & Virtual Walls:** Set virtual boundaries to prevent the robot from entering specific areas or to protect delicate items.
- **Virtual Threshold/Ramp:** Define areas with thresholds or ramps to ensure smooth navigation.
- **Cleaning Sequence:** Arrange the order in which rooms are cleaned.



Figure 5: The robot's ultrasonic carpet sensing feature, which automatically boosts suction on carpets.

### 4.3 Voice Control

Integrate your robot with smart home assistants for hands-free control:

- **Supported Assistants:** Alexa, Apple Siri, Google Home.
- **Commands:** Use voice commands to start/stop cleaning, send the robot back to its base, or check its status.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your DREAME D20 Pro Plus.

### 5.1 Dust Bag Replacement

The auto-empty base station uses a 5L dust bag that can hold debris for up to 150 days. Replace the dust bag when the app indicates it is full or when you notice reduced suction performance.

Video 3: Instructions on how to properly change the dust bag in the auto-empty base station.

### 5.2 Brush Cleaning

The HyperStream detangling DuoBrush is designed to minimize hair tangles. Periodically inspect and clean the main brush and side brush to remove any accumulated hair or debris. Use the cleaning tool provided to cut and remove tangled hair.

Video 4: Demonstrates the auto-detangle feature of the DuoBrush and ramp design for obstacle navigation.

### 5.3 Filter and Mop Pad

- **Filter:** The filter should be replaced approximately every 150 operating hours to maintain optimal filtration and prevent dust from escaping.
- **Mop Pad:** Replace the mop pad as needed, depending on usage and wear.

## 6. TROUBLESHOOTING

If you encounter issues with your DREAME D20 Pro Plus, refer to the following solutions:

### 6.1 Restarting the Robot

If the robot is unresponsive or behaving unexpectedly, a simple restart can often resolve the issue. Press and hold the power button on the robot for a few seconds until it powers off, then press it again to turn it back on.

Video 5: A step-by-step guide on how to restart your Dreame D20 Plus robot vacuum.

### 6.2 Factory Reset

A factory reset will restore the robot to its original settings, deleting all saved maps and preferences. This can be useful for persistent issues or when preparing the device for a new user.

Video 6: Instructions on how to perform a factory reset on the Dreame D20 Plus.

### 6.3 Wi-Fi Connection Issues

If the robot fails to connect to Wi-Fi, ensure your router is broadcasting a 2.4GHz signal. The robot is not compatible with 5GHz networks. Keep the robot and your phone close to the router during setup.

## 7. SPECIFICATIONS

Feature	Detail
Brand	DREAME
Model Name	D20 Pro Plus
Special Features	Advanced Custom Cleaning, Anti-Collision, Automatic Dust Collection, Obstacle Avoidance, Smart Mapping

Color	White
Product Dimensions	17.65"L x 13.78"W x 17.8"H
Filter Type	Cartridge
Battery Life	180 minutes (up to 285 minutes in Vac & Mop Mode)
Voltage	110 Volts (AC)
Dust Box Capacity	500 Milliliters
Water Tank Capacity	350 Milliliters
Power Source	Battery Powered
Control Method	App, Voice
Form Factor	Round
UPC	810142561211
Item Weight	23.4 pounds
Item Model Number	RLD43SD
Batteries	1 9V batteries required (included)
Surface Recommendation	Hard Floor, Carpet, Wood, Tile

## 8. WARRANTY AND SUPPORT

DREAME offers a comprehensive service policy for your D20 Pro Plus Robot Vacuum and Mop:

- **Product Warranty:** Enjoy up to a 3-year product warranty.
- **Returns:** Benefit from 30-day hassle-free returns.
- **Customer Support:** Dedicated customer support is available for any inquiries or assistance.