vrillo J300-B

Vrillo J300-B Robot Vacuum and Mop Cleaner User Manual

Model: J300-B | Brand: Vrillo

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Vrillo J300-B Robot Vacuum and Mop Cleaner. Please read this manual thoroughly before using the device to ensure proper function and safety.



Figure 1: Vrillo J300-B Robot Vacuum and Mop Cleaner, showcasing the main unit, mobile app interface, and detachable mop tank.

Product Components

The Vrillo J300-B comes with the following components:

- Vrillo J300-B Robot Vacuum and Mop Cleaner
- Charging Dock
- Power Adapter
- 2-in-1 Water Tank and Dust Bin (600ml capacity)
- Additional Dust Bin (600ml capacity)
- Side Brushes (2 pairs)
- Mop Cloths (2 pieces)
- Cleaning Tool

- User Manual (PDF available online)



Figure 2: The 2-in-1 water tank and dust bin, alongside the dedicated dust bin, both with 600ml capacity.

Setup

1. **Unboxing:** Carefully remove all components from the packaging.
2. **Charging Dock Placement:** Place the charging dock against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the sides and 2 meters (6 feet) in front. Connect the power adapter to the dock and plug it into a power outlet.
3. **Initial Charge:** Place the robot vacuum on the charging dock. Ensure the charging contacts on the robot align with those on the dock. The indicator lights on the robot will illuminate to show charging status. Fully charge the robot before first use (approximately 4-5 hours).
4. **App Download & Connection:** Download the "Tuya Smart" app from your mobile app store. Follow the in-app instructions to add your Vrillo J300-B. Ensure your Wi-Fi network is 2.4GHz, as the device only supports

this frequency.

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Video 1: Vrillo J300 APP Connection Guide-Update. This video demonstrates the process of connecting the robot vacuum to the mobile application for smart control.

Figure 3: The robot vacuum automatically returns to its charging dock when the battery is low or cleaning is complete.

Operating Instructions

Cleaning Modes

The Vrillo J300-B offers various cleaning modes to suit different needs:

- **Auto Cleaning:** The robot intelligently navigates and cleans your home.
- **Spot Cleaning:** Focuses on a specific dirty area for intensive cleaning.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Zone Cleaning:** Allows you to define specific areas on the map for cleaning.
- **Custom Mode:** Customize cleaning parameters like suction power and water output.



Figure 4: The robot offers adjustable suction power (600Pa to 3200Pa) for various debris and floor types.

Smart Mapping & App Control

Utilizing advanced LiDAR navigation, the robot creates a real-time map of your home for efficient cleaning. The mobile app provides full control over mapping features:

- **Multi-Floor Mapping:** Supports up to 5 maps, allowing independent no-go zones, invisible walls, and no-mop zones for each floor.

- **Real-Time Map Creation:** View the cleaning progress and map creation in real-time.
- **Virtual Boundaries:** Set virtual invisible walls or restricted areas to prevent the robot from entering certain spaces.
- **Room Division:** The app automatically divides your home into rooms, which can be merged or split as needed.



Figure 5: The robot's multi-floor mapping capability, allowing for customized cleaning plans across different levels of your home.

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Video 2: How to restore the map for Vrillo J300. This video guides users through the process of restoring a previously saved map within the application.

Voice Control

The Vrillo J300-B is compatible with Amazon Alexa and Google Assistant, allowing for convenient voice commands.



Figure 6: The robot vacuum can be controlled using voice commands through Amazon Alexa or Google Assistant.

Mopping Function

To use the mopping function, fill the 2-in-1 water tank and attach a mop cloth. The robot will automatically switch to mopping mode when the tank is installed. Adjust water output levels (Low, Medium, High) via the app.



Figure 7: Water level adjustment options for the mopping function, accessible through the mobile application.

Maintenance

Regular maintenance ensures optimal performance of your Vrillo J300-B:

- **Dust Bin:** Empty the dust bin after each use.
- **Filters:** Clean the HEPA filter regularly. Replace every 3-6 months depending on usage.
- **Side Brushes:** Check for tangled hair or debris and clean as needed. Replace if worn or damaged.
- **Main Brush:** Remove and clean the main brush regularly, especially if pet hair is present.
- **Sensors:** Wipe all sensors (cliff sensors, wall sensors) with a clean, dry cloth to ensure proper navigation.
- **Mop Cloths:** Wash mop cloths after each mopping session.

Figure 8: The dedicated dust bin, which should be emptied regularly for optimal vacuuming performance.

Troubleshooting

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; Power button not pressed long enough.	Charge the robot; Long press the power button until lights flash.
Robot cannot connect to Wi-Fi.	Incorrect Wi-Fi frequency (5GHz); Incorrect password.	Ensure 2.4GHz Wi-Fi; Re-enter password; Refer to APP connection guide.
Robot gets stuck frequently.	Obstacles; Cliff sensors dirty.	Clear obstacles; Clean cliff sensors.
Poor cleaning performance.	Full dust bin; Clogged filters/brushes.	Empty dust bin; Clean/replace filters and brushes.
Mopping function not working.	Water tank empty; Mop cloth not attached.	Fill water tank; Attach mop cloth securely.

Specifications

- **Brand:** Vrillo
- **Model:** J300-B
- **Navigation:** Lidar Navigation
- **Suction Power:** Up to 3200Pa
- **Battery Life:** Up to 180 minutes

- **Dust Bin Capacity:** 0.3 Liters (600ml)
- **Water Tank Capacity:** 0.3 Liters (600ml, 2-in-1)
- **Filter Type:** HEPA
- **Control Method:** Wi-Fi App (Tuya Smart), Voice (Alexa, Google Assistant)
- **Dimensions:** 13.3 x 13.3 x 3.3 inches
- **Item Weight:** 12.03 pounds
- **Special Features:** Multi-Floor Mapping, Real-Time Map Creation, Virtual Boundaries, Carpet Boost, OTA Updates, Obstacle Crossing (up to 0.8 inches)



Figure 9: The robot vacuum provides up to 180 minutes of cleaning time on a single charge.

Warranty & Support

For detailed warranty information and technical support, please refer to the official Vrillo website or contact customer service. Additional resources, including the full User Guide and User Manual, are available in PDF format:

- User Guide (PDF)
- User Manual (PDF)

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