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ECOVACS MINI OMNI

ECOVACS DEEBOT MINI Omni Robot Vacuum Cleaner and Mop User Manual

Model: MINI OMNI

1. Introduction

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your ECOVACS DEEBOT MINI Omni Robot Vacuum Cleaner and Mop. Please read this manual thoroughly before using the product and retain it for future reference.

The ECOVACS DEEBOT MINI Omni is a compact, intelligent 2-in-1 robotic cleaning device designed to vacuum and mop various floor types, offering advanced features such as self-emptying, automatic mop washing, and precise navigation.

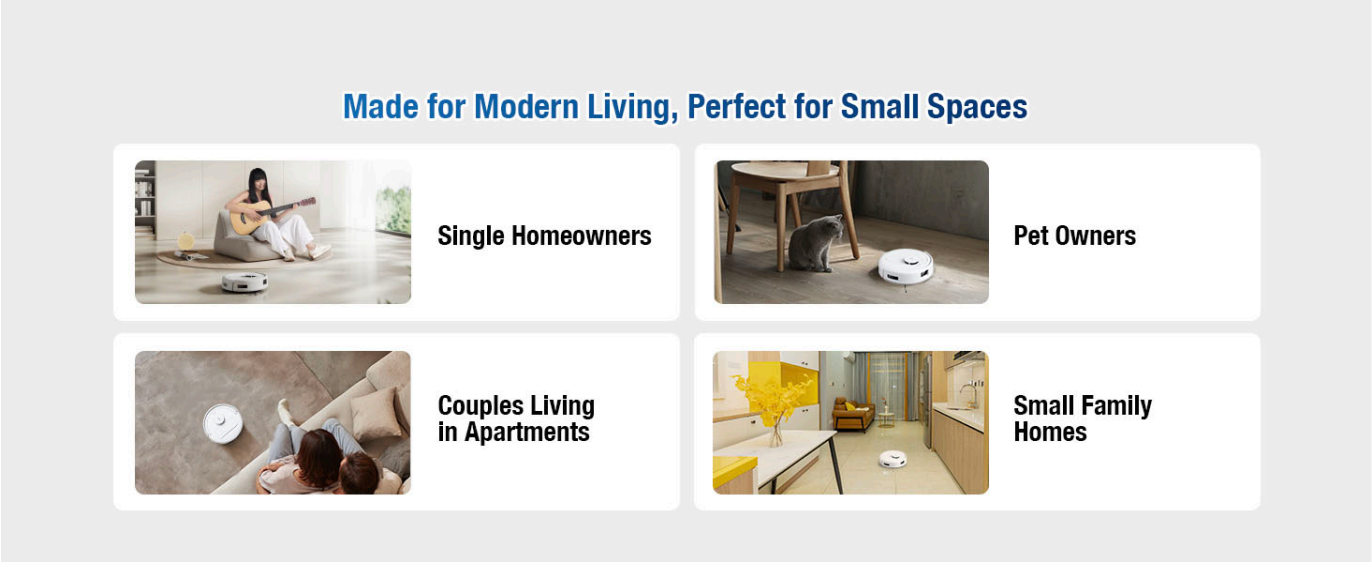


Image: The DEEBOT MINI Omni is suitable for various living spaces, including homes of single homeowners, pet owners, couples in apartments, and small family homes.

2. Safety Information

Before using this product, please review the following safety precautions:

- Read all instructions carefully before operation.
- Keep the robot and its accessories away from children and pets.
- Do not operate the robot in areas with open flames, flammable materials, or standing water.

- Ensure the charging station is placed on a flat, stable surface and connected to a proper power outlet.
- Avoid using the robot on high-pile carpets or in areas where it might get tangled in loose cables or objects.
- Do not attempt to repair or modify the robot or its components yourself. Contact authorized service personnel.

3. Package Contents

Verify that all items are present in the package:

- ECOVACS DEEBOT MINI OMNI Robot Vacuum Cleaner
- Omni Station with 240 Volts Power Cord (for Indian Household)
- Side Brush (x1)
- Zero Tangle 2.0 Roller Brush (x1)
- HEPA Filter (x1)
- Mopping Pad (x1 Pair)
- Dust Bag (x1)



Image: The DEEBOT MINI Omni robot and its accompanying Omni Station, along with a visual representation of the control app.

4. Product Overview

The ECOVACS DEEBOT MINI Omni combines powerful cleaning capabilities with a compact design and intelligent features for a comprehensive cleaning experience.

Key Features:

- **Ultra-Compact Design:** The DEEBOT MINI is only 28.6 cm wide, allowing it to navigate tight spaces.

- **Smallest Omni Station:** At just 38.5 cm high, the Omni Station offers self-emptying, auto mop washing, and hot air drying in a space-saving form factor.
- **9000 Pa Suction Power:** Provides strong suction for effective removal of dust, debris, and pet hair from various floor types.
- **OZMO Turbo 2.0 Mopping:** Dual-plate scrubbing system for deep mopping and stain removal.
- **ZeroTangle 2.0 Technology:** Advanced anti-tangle brush design to minimize hair entanglement.
- **TrueMapping 2.0:** Precise laser navigation for efficient mapping and path planning.
- **Superior Noise Control:** Operates at a quiet 55 dB during cleaning.
- **Dual-Fusion Obstacle Avoidance:** Utilizes LDS LiDAR and Line Laser for millimeter-level obstacle detection.
- **Ergonomic Body Handle:** For easy portability between rooms and floors.



Image: Overview of the DEEBOT MINI Omni highlighting its powerful suction, anti-tangle technology, and quiet operation.



Image: Visual comparison demonstrating the compact size of the DEEBOT MINI Omni Station compared to a standard robot vacuum station.

Image: The ultra-compact design of the DEEBOT MINI, illustrating its smaller diameter for improved maneuverability.

5. Setup

5.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Choose a suitable location for the Omni Station. Ensure it is against a wall, on a hard, level surface, with at least 0.5 meters of clear space on both sides and 1.5 meters in front.
3. Plug the Omni Station into a power outlet.

5.2 Initial Charging

Place the DEEBOT MINI onto the Omni Station. Ensure the charging contacts on the robot align with those on the station. The robot will begin charging automatically. For first-time use, fully charge the robot before operation.

5.3 App Connection

1. Download the ECOVACS HOME app from your smartphone's app store (compatible with iOS and Android devices).
2. Open the app and follow the on-screen instructions to create an account and add your DEEBOT MINI Omni.
3. Connect the robot to your home Wi-Fi network as prompted by the app.
4. The app allows control via smartphones and tablets, and is compatible with Amazon Echo and Google Home for voice commands.

Image: The DEEBOT MINI Omni offers intuitive user control options through various smart devices and features an ergonomic handle for easy transport.

6. Operating Instructions

6.1 Starting and Stopping Cleaning

- **Start:** Press the Auto Mode button on the robot or use the ECOVACS HOME app to start a cleaning cycle.
- **Pause:** Press the Auto Mode button again to pause cleaning.
- **Return to Station:** Press the Return to Home button on the robot or use the app to send the robot back to the Omni Station.

6.2 Cleaning Modes

The ECOVACS HOME app allows you to select various cleaning modes:

- **Vacuum Only:** Ideal for carpets or when only vacuuming is required. (Note: Remove mopping pads for optimal carpet cleaning).
- **Mop Only:** For quietly mopping hard floors.
- **Vacuum and Mop:** Performs both functions for a complete whole-house daily cleaning.
- **Scheduled Clean:** Set specific times for the robot to clean automatically.

Image: The ECOVACS HOME app interface displaying various cleaning modes and scheduling options.

Image: The DEEBOT MINI Omni performing vacuuming with 9000Pa suction, illustrating its effectiveness on both carpets and hard floors with mopping.

Image: The OZMO Turbo 2.0 Rotating Mopping System in action, effectively removing stubborn stains from the floor.

6.3 Navigation and Mapping

- **TrueMapping 2.0:** The robot maps your home in minutes and plans an efficient cleaning path. You can view and customize maps in the app.
- **Precise Obstacle Avoidance:** LDS LiDAR and Line Laser technology enable the robot to detect and avoid obstacles with millimeter precision, ensuring uninterrupted cleaning.
- **Threshold Climbing:** The robot can effortlessly cross thresholds up to 17mm.
- **Edge Cleaning:** The robot twists its body to hug walls, providing deep and thorough cleaning along edges and corners (up to 98% coverage).
- **Safe on Stairs:** Built-in anti-drop sensors prevent the robot from falling down stairs.

Image: TrueMapping 2.0 technology quickly generates a detailed map of your home for efficient cleaning.

Image: The robot's precise obstacle avoidance system using LDS LiDAR and Line Laser technology.

Image: The DEEBOT MINI Omni performing flawless edge cleaning, achieving high coverage along walls and corners.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your DEEBOT MINI Omni.

7.1 Omni Station Maintenance

- **Self-Emptying Dust Bag:** The Omni Station automatically empties the robot's dustbin into a sealed dust bag, providing up to 60 days of hands-free dust disposal. Replace the dust bag when full.

- **Auto Mop Washing:** The station automatically washes the mopping pads with high-speed scrubbing, keeping them clean for each use.
- **Hot Air Drying:** After washing, the mopping pads are dried with 45℃ hot air to prevent odors and mildew.
- **Detachable Baseplate:** The baseplate of the Omni Station is fully detachable for easy cleaning, offering up to 150 days of maintenance-free performance for the mop washing tray.

Image: Overview of the Omni Station's integrated features for hands-free maintenance.

Image: The self-emptying function of the Omni Station, allowing for up to 60 days of hands-free dust disposal.

Image: The detachable baseplate of the Omni Station, designed for easy cleaning and reduced maintenance.

7.2 Robot Component Cleaning

- **ZeroTangle 2.0 Roller Brush:** Periodically check and clean the roller brush. The V-shaped anti-tangle bristle design and comb minimize hair wrapping, but occasional cleaning may be necessary.
- **Side Brushes:** Remove and clean side brushes if they become tangled with hair or debris. Replace if worn.
- **HEPA Filter:** Tap the filter to remove dust or use a cleaning brush. Do not wash the HEPA filter with water. Replace as recommended.

- **Sensors:** Wipe all sensors (anti-drop, anti-collision, charging contacts) with a clean, dry cloth to ensure proper function.

Image: The ZeroTangle 2.0 brush system, designed to prevent hair entanglement and maintain cleaning efficiency.

8. Troubleshooting

If your DEEBOT MINI Omni encounters an issue, refer to the following common solutions. For more detailed troubleshooting, consult the ECOVACS HOME app or contact customer support.

Problem	Possible Cause	Solution
Robot does not start or charge.	Power switch off; not properly docked; power cord disconnected.	Ensure power switch is ON; re-dock the robot; check power cord connection.
Robot gets stuck frequently.	Loose cables, small objects, or narrow spaces.	Clear obstacles from the cleaning path; use virtual boundaries in the app.
Poor cleaning performance.	Dustbin full; brushes tangled; filter clogged; mopping pads dirty.	Empty dustbin; clean brushes; clean/replace filter; ensure mopping pads are clean.
App connection issues.	Incorrect Wi-Fi password; robot out of Wi-Fi range; router issues.	Verify Wi-Fi password; move robot closer to router; restart router and robot.

9. Specifications

Feature	Specification
Brand	ECOVACS
Model	MINI OMNI
Special Features	9000 Pa Suction, Smallest OMNI Station, Superior Noise Control, Ultra-Compact DEEBOT, Wet & Dry Cleaning
Colour	MINI OMNI
Product Dimensions	75L x 46W x 43H Centimeters
Filter Type	HEPA
Power Source	Corded Electric
Batteries Included	Yes

Feature	Specification
Control Method	App
Compatible Devices	Amazon Echo, Google Home, Smartphones, Tablets
Form Factor	Rectangular
Item Weight	18 kg
Country of Origin	China

10. Warranty Information

ECOVACS products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including coverage duration and limitations. An optional 1-year extended warranty plan by Onsitego may be available for purchase separately.

11. Customer Support

For any assistance with your ECOVACS DEEBOT MINI Omni, including demonstrations, installations, or service requirements, please contact ECOVACS customer support.

- **Toll-Free Number:** 1800 258 8085
- **Operating Hours:** Monday to Saturday, 10:00 AM to 6:00 PM (IST)
- ECOVACS offers door-step service and free installation in over 90+ dedicated offices across India.