

ECOVACS T50 PRO OMNI

ECOVACS Deebot T50 PRO Omni Robot Vacuum Cleaner & Mop User Manual

Model: T50 PRO OMNI

Introduction	Safety Information	Package Contents	Product Overview	Setup	Operation
	Maintenance	Troubleshooting	Specifications	Warranty & Support	

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your ECOVACS Deebot T50 PRO Omni Robot Vacuum Cleaner & Mop. Please read this manual thoroughly before operating the device and retain it for future reference.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the product:

- Do not allow children to operate the robot. Supervise children and pets when the robot is in operation.
- Ensure the power cord of the Omni Station is not damaged or placed in a location where it can be tripped over.
- Do not use the robot in wet environments or to clean up spilled liquids.
- Remove any loose cables, small objects, or fragile items from the cleaning path before operation.
- Only use the original power adapter and accessories provided by ECOVACS.
- Do not attempt to repair or modify the robot or Omni Station yourself. Contact authorized service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- ECOVACS DEEBOT T50 PRO OMNI Robot Vacuum Cleaner
- Omni Station with 240 Volts Power Cord for Indian Household
- Side Brush X 1
- Zero Tangle 2.0 Roller Brush X 1
- HEPA Filter X 1
- Mopping Pad X 1 Pair
- Dust Bag X 1

4. PRODUCT OVERVIEW

The ECOVACS Deebot T50 PRO Omni is a 2-in-1 robot vacuum cleaner and mop designed for comprehensive floor cleaning. It features an ultra-slim design, powerful suction, and an advanced Omni Station for hands-free maintenance.



Image: The ECOVACS Deebot T50 PRO Omni robot vacuum cleaner alongside its Omni Station.

4.1. Robot Features

- **Ultra-Slim Design:** At 8.1cm (3.19 inches) height, the robot can clean under low-profile furniture.
- **15,000 Pa Suction:** Provides strong vacuuming performance for various floor types.
- **AI VI 3.0 Smart Obstacle Avoidance:** Utilizes AI to recognize and avoid over 100 objects.

- **TrueEdge 2.0:** Extends side brush and mop system for thorough edge and corner cleaning.
- **ZeroTangle 2.0 Brush System:** Designed to prevent hair tangles.
- **OZMO Turbo 2.0 Mopping System:** Dual high-speed rotating mops with auto-lifting feature.

Clean Where Others Can't Reach

3.19-Inch Ultra-Slim Body

3.19 Inches

OTHERS



Image: The Deebot T50 PRO Omni demonstrating its ultra-slim design by cleaning under a bed.

4.2. Omni Station Features

The 10-in-1 Omni Station provides automated maintenance for the robot, minimizing manual intervention.

- **Hot Water Mop Washing:** Washes mops with 75°C (167°F) hot water.
- **Hot Air Mop Drying:** Dries mops with 45°C (113°F) hot air in 2 hours.
- **Auto Dustbin Emptying:** Automatically empties the robot's dustbin.

- **Auto Water Refill:** Refills the robot's water tank for mopping.
- **Dirt Detection:** Detects mop dirtiness and initiates re-washing.
- **Dual Scraper Base Cleaning:** Cleans the station's base automatically.
- **Auto Solution Adding:** Automatically adds cleaning solution (if applicable).

The 10-in-1 OMNI Station

- 1 167°F Hot Water Mop Washing
- 2 113°F Hot Air Drying
- 3 Auto Emptying
- 4 Dirt Detection
- 5 Auto Small-Tank Refill
- 6 Off-Peak Charging
- 7 Minimalist Design
- 8 Water Shortage Reminder



Image: A detailed diagram highlighting the various automated functions of the 10-in-1 Omni Station.

5. SETUP

5.1. Initial Placement

1. Choose a location for the Omni Station with good Wi-Fi signal, against a wall, and with at least 0.5 meters (1.6 feet) clear space on both sides and 1.5 meters (4.9 feet) in front.
2. Ensure there are no obstacles blocking the robot's path to the station.

5.2. Omni Station Preparation

1. Open the top cover of the Omni Station.
2. Fill the clean water tank with tap water.
3. Ensure the dirty water tank is empty and properly seated.
4. Plug the Omni Station into a power outlet.

5.3. App Connection & Mapping

1. Download the ECOVACS HOME app from your mobile device's app store.
2. Follow the in-app instructions to add your Deebot T50 PRO Omni.
3. Initiate the first cleaning cycle to allow the robot to create a map of your home using **TrueMapping 2.0** technology. This process enables efficient cleaning paths and smart navigation.

Intelligent Navigation

TrueMapping 2.0



Image: The Deebot T50 PRO Omni utilizing TrueMapping 2.0 for intelligent navigation and fast mapping of a room.

6. OPERATION

6.1. Cleaning Modes

The Deebot T50 PRO Omni supports various cleaning modes, which can be selected via the ECOVACS HOME app:

- **Auto Clean:** The robot automatically cleans the entire mapped area.
- **Vacuum Only:** The robot performs only vacuuming.
- **Mop Only:** The robot performs only mopping.

- **Vacuum & Mop:** The robot vacuums and mops simultaneously.
- **Custom Area Cleaning:** Define specific areas on the map for cleaning.

The **OZMO Turbo 2.0 Mopping System** features dual high-speed mops (180 RPM) and an auto-lifting function to prevent dampening carpets during vacuum-only runs.

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Image: The Deebot T50 PRO Omni mopping a hard floor, illustrating the auto-lifting mop feature and high-speed rotation.

6.2. Smart Features

- **AIVI 3.0 Obstacle Avoidance:** The robot intelligently identifies and avoids common household obstacles like cables, shoes, and toys with 1mm precision.

Recognize Everything Clean along Everything

AIVI 3D 3.0 OMNI-Approach Technology

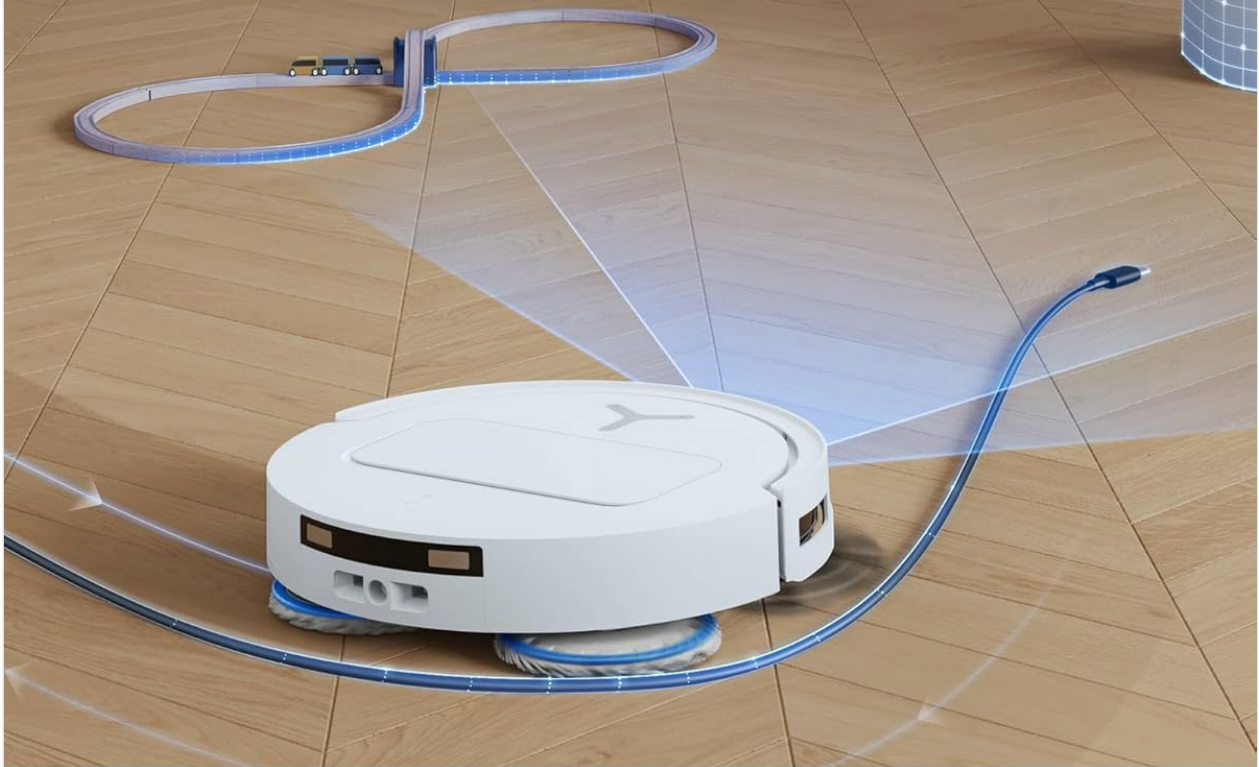


Image: The Deebot T50 PRO Omni navigating around cables on the floor, demonstrating its AIVI 3.0 obstacle avoidance capabilities.

- **TrueEdge 2.0:** The extended side brush and mop system ensures comprehensive cleaning along walls and into corners, adapting to your home's layout.

Get Every Corner Others Miss

TruEdge 2.0 Technology



100%

Edge & Corner Coverage

Chair Legs



Under Furniture



Image: The Deebot T50 PRO Omni utilizing TruEdge 2.0 to reach and clean tight corners and edges.

- **ZeroTangle 2.0:** This brush system is designed to minimize hair tangles, making it suitable for homes with pets.

No Hair Tangles Even for Long Hair

ZeroTangle 2.0 Technology



Image: The Deebot T50 PRO Omni demonstrating its 15,000 Pa suction power and ZeroTangle 2.0 technology, ideal for pet hair.

- **YIKO-GPT Intelligent Assistant:** Use voice commands to control the robot. The YIKO-GPT assistant understands natural language and provides feedback.
- **App Control:** Manage cleaning schedules, modes, and monitor the robot's progress through the ECOVACS HOME app. Compatible with Amazon Alexa and Google Home.

Effortless Cleaning Control

Easy Access

Widgets, Dynamic Island and Apple Watch



Video Call

Stay Connected with Your Pets



YIKO-GPT Voice Assistant



App Control



Compatible with Google Home and Amazon Alexa



Image: Various control methods for the Deebot T50 PRO Omni, including smartphone app, voice assistant, and video call functionality.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Deebot T50 PRO Omni.

7.1. Robot Maintenance

- **Main Brush (ZeroTangle 2.0):** Regularly check for tangled hair or debris. Use the cleaning tool provided to remove any obstructions.
- **Side Brushes:** Inspect for wear and tear. Replace if damaged. Clean any hair or debris wrapped around

them.

- **Dustbin and Filter:** Empty the dustbin after each cleaning cycle. Clean the HEPA filter by tapping it gently to remove dust. Do not wash the HEPA filter with water.
- **Sensors:** Wipe all sensors (anti-drop, anti-collision, charging contacts) with a clean, dry cloth.
- **Mopping Pads:** Remove and wash mopping pads after each use. The Omni Station will auto-wash them, but manual cleaning may be required for heavy soiling.

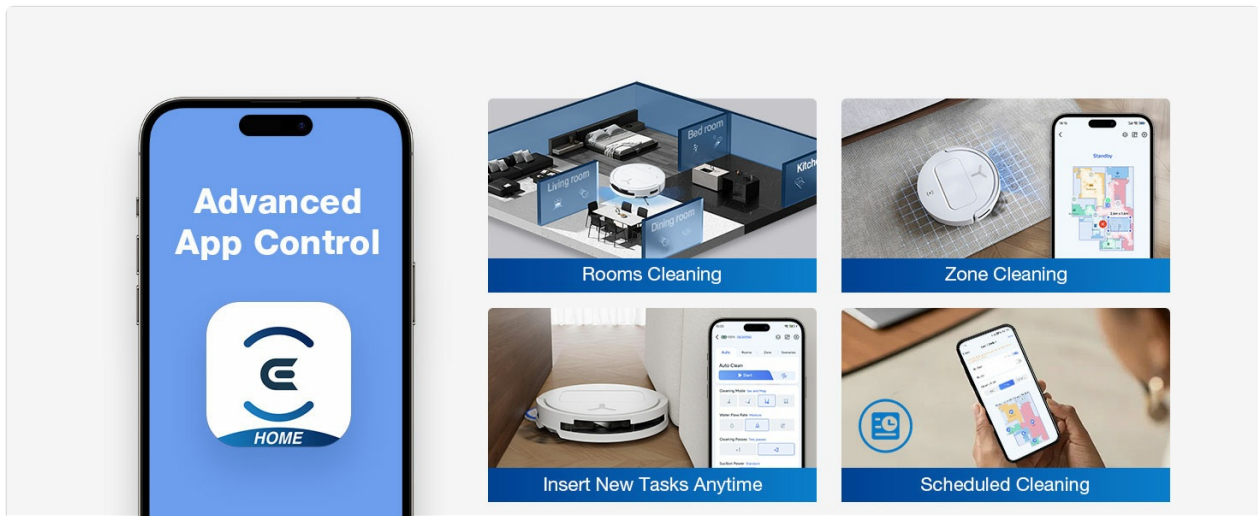


Image: A visual comparison highlighting the tangle-free design of the ZeroTangle 2.0 brush system versus conventional robot vacuum brushes.

7.2. Omni Station Maintenance

- **Clean Water Tank:** Refill as needed. Clean periodically to prevent algae or mineral buildup.
- **Dirty Water Tank:** Empty after each cleaning cycle. Rinse thoroughly to prevent odors and buildup.
- **Dust Bag:** Replace the dust bag in the Omni Station when indicated by the app or when full.
- **Base Cleaning:** The Omni Station features dual scraper strips for automatic base cleaning. Periodically check the base for any accumulated debris and clean manually if necessary.



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Get product knowledge



Request demonstration before purchase



Ask post purchase installation at your home



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1800 258 8085
(Monday to Saturday 10 am to 6 pm)

Image: An illustration detailing the upgraded All-in-One Omni Station's functions, including auto base cleaning, hot air drying, and mop washing.

8. TROUBLESHOOTING

If you encounter issues with your Deebot T50 PRO Omni, refer to the following common problems and solutions:

- **Robot not charging:** Ensure the Omni Station is powered on and the robot's charging contacts are aligned with the station's. Clean contacts if dirty.
- **Robot stuck or unable to navigate:** Clear any obstacles from the robot's path. Clean sensors to ensure they are not obstructed. Check for tangled brushes.
- **Poor cleaning performance:** Empty the dustbin, clean or replace the HEPA filter, and clean the main and side brushes. Ensure mopping pads are clean and wet.
- **Omni Station not performing functions:** Check water tank levels (clean and dirty). Ensure the dust bag is correctly installed and not full.
- **App connectivity issues:** Ensure your Wi-Fi network is stable and the robot is within range. Restart the robot and your router if necessary.

For more detailed troubleshooting or persistent issues, please contact ECOVACS customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	ECOVACS
Model Name	ECOVACS DEEBOT T50 PRO OMNI
Suction Power	15,000 Pa
Battery Capacity	6400 mAh
Run Time	Up to 320 minutes
Robot Height	8.1 cm (3.19 inches)
Obstacle Avoidance	AIVI 3.0
Edge Cleaning	TrueEdge 2.0
Brush System	ZeroTangle 2.0
Mopping System	OZMO Turbo 2.0 (180 RPM, 0.35-inch auto-lifting)
Omni Station Functions	Auto-wash (75°C hot water), Auto-dry (45°C hot air), Auto-empty, Auto-refill, Dirt Detection, Base Cleaning
Navigation Technology	TrueMapping 2.0
Voice Assistant	YIKO-GPT Intelligent Assistant
Control Method	App, Push Button, Voice
Compatible Devices	Amazon Echo, Google Home, Smartphones, Smartwatches, Tablets
Filter Type	HEPA

Feature	Detail
Product Dimensions	75L x 46W x 43H Centimeters (Omni Station)
Item Weight	15 kg 800 g
Country of Origin	China

10. WARRANTY & CUSTOMER SUPPORT

ECOVACS provides comprehensive customer support and warranty services for your product.

10.1. Warranty Information

Your ECOVACS Deebot T50 PRO Omni comes with up to a **1-year warranty**. Please retain your proof of purchase for warranty claims.

10.2. Customer Support

ECOVACS offers dedicated customer support with over 90+ offices across India, providing door-step service for all users. Services include free installation and home service.

For assistance with demonstrations, installations, service requirements, or any queries, please contact the toll-free number:

Toll-Free Number: 1800 258 8085

Operating Hours: Monday to Saturday, 10 am to 6 pm