

iRobot N185020

iRobot Roomba Plus 505 Combo Robot Vacuum & Mop

MODEL: N185020 - INSTRUCTION MANUAL

Introduction

The iRobot Roomba Plus 505 Combo Robot Vacuum & Mop with AutoWash Dock is designed to provide a comprehensive and hands-free cleaning experience for your home. This advanced robotic cleaner combines powerful vacuuming with deep-scrub mopping, featuring innovative technologies such as DualClean Mop Pads with PerfectEdge, SmartScrub, and PrecisionVision AI for intelligent navigation and obstacle avoidance. The AutoWash Dock further enhances convenience by self-emptying debris, washing and heat-drying mop pads, and performing self-cleaning cycles.



Figure 1: iRobot Roomba Plus 505 Combo Robot Vacuum and Mop with AutoWash Dock.

Setup

Follow these steps to set up your iRobot Roomba Plus 505 Combo Robot Vacuum & Mop:

1. **Unpack the Robot and Dock:** Carefully remove all components from the packaging. Ensure all protective films and inserts are removed from the robot and the AutoWash Dock.
2. **Place the AutoWash Dock:** Position the dock on a hard, level surface against a wall, ensuring there is at least 1.5 feet (0.5 meters) of clear space on either side and 5 feet (1.5 meters) in front. Plug the dock into a power outlet.
3. **Install Mop Pads:** Attach the DualClean Mop Pads to the bottom of the robot. Ensure they are securely

fastened.

4. **Fill the Clean Water Tank:** Remove the clean water tank from the dock, fill it with clean water (and approved cleaning solution if desired), and reinsert it into the dock.
5. **Place the Robot on the Dock:** Gently place the Roomba robot onto the AutoWash Dock. It will automatically align and begin charging.
6. **Download the Roomba Home App:** Scan the QR code on the packaging or search for "Roomba Home" in your device's app store (available on Apple App Store and Google Play). Follow the in-app instructions to connect your robot to your Wi-Fi network and complete the initial setup.

Video 1: Roomba Plus 505 Combo Robot + AutoWash Unboxing Video. This video demonstrates the unpacking and initial setup of the robot and its dock.

Components

The iRobot Roomba Plus 505 Combo system includes the following main components:

- **Roomba Robot:** The main cleaning unit equipped with vacuuming and mopping capabilities, LiDAR navigation, and AI obstacle avoidance.
- **AutoWash Dock:** The base station for charging, automatic debris emptying, mop pad washing, and heated drying. It contains separate tanks for clean and dirty water, and a disposable dust bag.
- **DualClean Mop Pads:** Two spinning microfiber pads designed for deep scrubbing and extending to clean edges.
- **Multi-Surface Rubber Brush:** Located on the underside of the robot, this brush effectively picks up debris from various floor types.
- **Edge-Sweeping Brush:** A small brush on the side of the robot that sweeps debris from edges and corners into the robot's cleaning path.

4

STAGES

Strong suction. Serious mopping.

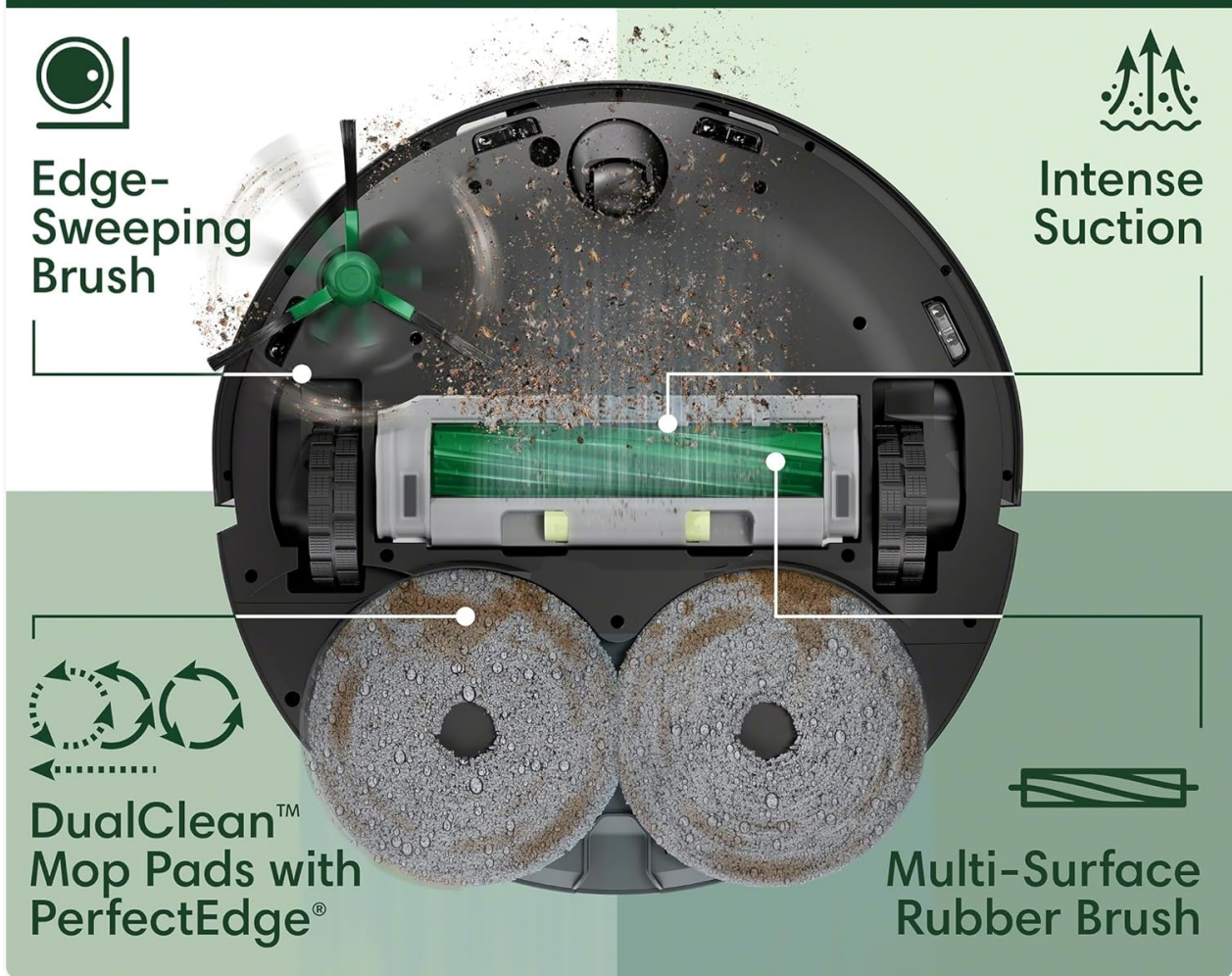


Figure 2: Underside of the Roomba robot showing the DualClean Mop Pads, multi-surface rubber brush, and edge-sweeping brush.



ClearView™ Pro LiDAR

expertly maps your home
NAVIGATES WITHOUT MISSING A SPOT

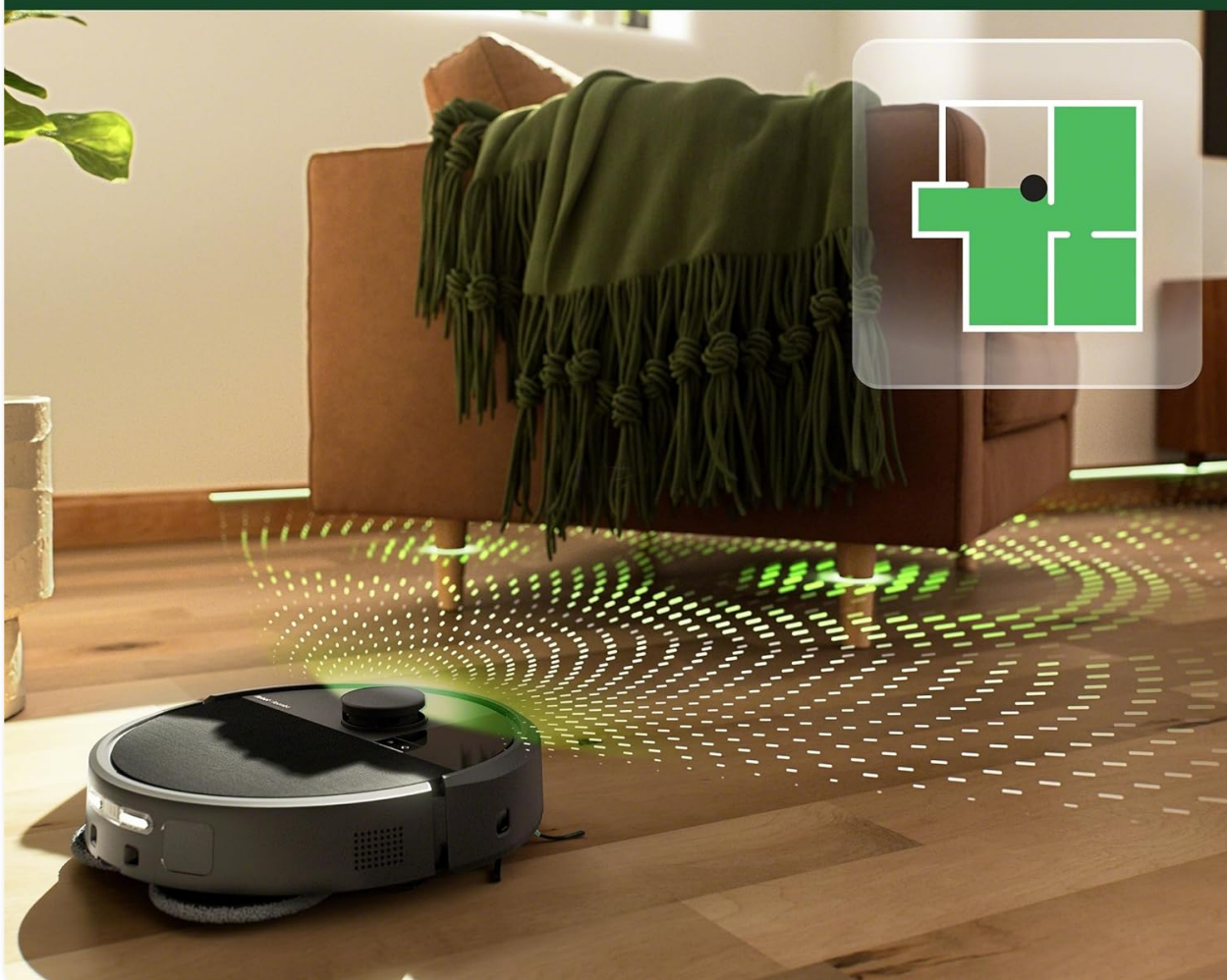


Figure 3: Diagram illustrating the functions of the AutoWash Dock, including auto-emptying, mop pad washing, and heated drying.

Operating Instructions

Your Roomba Plus 505 Combo offers flexible cleaning options:

- **Cleaning Modes:** Choose from Vacuum, Mop, Combo Clean (vacuum and mop simultaneously), or Vacuum First Then Mop. The robot intelligently lifts mop pads when sensing carpet to prevent wetting.
- **App Control:** Use the Roomba Home App to:
 - Select specific rooms or zones for cleaning.
 - Adjust suction levels (4 levels available).
 - Schedule cleaning passes for specific times or days.
 - Activate SmartScrub for 2x deeper scrubbing on tough messes.
- **Voice Control:** Pair your Roomba with Alexa, Siri, or Google Assistant-enabled devices to start cleaning

routines with voice commands.

- **Intelligent Navigation:** ClearView Pro LiDAR maps your home for efficient and thorough cleaning, day or night. PrecisionVision AI technology helps the robot recognize and avoid obstacles like cords, socks, and pet waste.
- **Dirt Detect Technology:** Advanced sensors identify large wet and dry messes, prompting the robot to automatically repeat cleaning passes for a more thorough clean.

Cleaning with an edge







 <p>DUALCLEAN™ MOP PADS WITH PERFECTEDGE®</p>	 <p>70X MORE SUCTION POWER</p>	 <p>2X DEEPER SCRUBBING* WITH SMARTSCRUB</p>
 <p>AUTOWASH™ DOCK + HEATED PAD DRYING</p>	 <p>PRECISIONVISION™ AI TECHNOLOGY + CLEARVIEW™ PRO LIDAR</p>	 <p>VAC, MOP, COMBO CLEAN, OR VAC THEN MOP</p>

Figure 4: Key features of the Roomba Plus 505 Combo, including advanced cleaning technologies and modes.



PrecisionVision™ AI Technology

IMMEDIATELY RECOGNIZES AND AVOIDS
OBJECTS OF ALL SIZES



Figure 5: PrecisionVision AI technology enables the robot to recognize and navigate around objects like pets and furniture.

Maintenance

Regular maintenance ensures optimal performance of your Roomba Plus 505 Combo:

- **Auto-Emptying:** The AutoWash Dock automatically empties the robot's dustbin into a sealed bag, holding up to 75 days of debris. Replace the bag when full.
- **Mop Pad Washing & Drying:** The dock continuously rinses mop pads during cleaning and washes and heat-dries them after each cleaning mission, ensuring they are always fresh.
- **Self-Cleaning Cycle:** The AutoWash Dock performs a self-cleaning cycle to prevent debris buildup within the dock itself.
- **Clean Dirty Water Tank:** Periodically empty and clean the dirty water tank in the dock to prevent odors and buildup.
- **Clean Brushes and Filters:** Regularly inspect and clean the multi-surface rubber brush, edge-sweeping

brush, and filters to maintain strong suction and prevent tangles.



Figure 6: The DualClean Mop Pads are continuously rinsed and refreshed by the AutoWash Dock during cleaning.

Troubleshooting

If you encounter issues with your Roomba Plus 505 Combo, consider the following:

- **Robot Not Moving/Cleaning:** Check the Roomba Home App for error messages or alerts. Ensure the robot is fully charged and not stuck on an obstacle.
- **Poor Cleaning Performance:** Clean the brushes, filters, and mop pads. Ensure the clean water tank is filled and the dirty water tank is empty. Check for any blockages in the suction path.
- **Navigation Issues:** Ensure the LiDAR sensor on top of the robot is clean and unobstructed. Clear any new obstacles in the cleaning path.
- **Docking Problems:** Verify the dock is plugged in and has clear space around it. Clean the charging contacts on both the robot and the dock.

For persistent issues, refer to the Roomba Home App's help section or contact iRobot customer support.

Specifications

Feature	Specification
Brand	iRobot
Model Name	Plus 505 Combo
Item Model Number	N185020
UPC	885155045966
Product Dimensions	14.1"L x 13.8"W x 4.2"H
Item Weight	9.44 pounds
Color	Black
Battery Life	120 minutes
Power Source	Battery Powered
Control Method	App, Push Button, Voice
Special Features	Logical Navigation, Dirt Detection Sensor, Edge Cleaning, Self-Refilling, Scheduling, Smart Mapping, Wet/Dry, LiDAR Navigation, Intelligent Mop Lifting, Auto Mop Washing, Eco Mode, Self-Sealing Dust Bag, Anti-Fall, Obstacle Avoidance, Pet Hair Pick Up, Precision Laser Mapping & Navigation, Room-By-Room Navigation, Self-Emptying

Warranty and Support

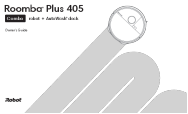

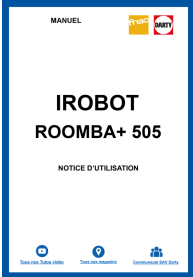



Your iRobot Roomba Plus 505 Combo is backed by iRobot's commitment to quality. For detailed warranty information, please refer to the documentation included with your product or visit the official iRobot website. Optional protection plans are available for extended coverage:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan)

For technical support, troubleshooting assistance, or warranty claims, please contact iRobot Customer Care.

Ensure you have your product model number (N185020) and proof of purchase ready.

Related Documents - N185020

	Roomba Plus 405 Combo Robot + AutoWash Dock Owner's Guide This guide provides instructions for setting up, operating, and maintaining the iRobot Roomba Plus 405 Combo robot and AutoWash dock. It covers initial setup, charging, cleaning patterns, spot cleaning, maintenance of the robot and dock, troubleshooting, and safety information.
	Roomba Plus 505 Combo Robot + AutoWash Dock Owner's Guide This guide provides instructions for setting up, operating, and maintaining the iRobot Roomba Plus 505 Combo Robot with AutoWash Dock. Learn about charging, cleaning, care, and troubleshooting for your robot and dock.
	iRobot Roomba Plus 505 Combo + AutoWash Base User Manual User manual for the iRobot Roomba Plus 505 Combo with AutoWash Base, providing setup, operation, maintenance, and troubleshooting instructions.
	iRobot Roomba Plus 405 Combo Robot + AutoWash Dock Owner's Guide This owner's guide provides comprehensive instructions for setting up, operating, and maintaining the iRobot Roomba Plus 405 Combo Robot with AutoWash Dock. Learn about its features, cleaning functions, troubleshooting, and care procedures for optimal performance.
	iRobot Roomba Plus 505 Combo with AutoWash Station User Guide Comprehensive user guide for the iRobot Roomba Plus 505 Combo robot vacuum and AutoWash station, covering setup, operation, maintenance, and troubleshooting. Learn how to install, charge, clean, and maintain your robot for optimal performance.
	iRobot Roomba Combo j9+ Robot Vacuum & Mop Owner's Guide This guide provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your iRobot Roomba Combo j9+ robot vacuum and mop, including safety information and regulatory compliance.

Documents - iRobot – N185020



[\[pdf\]](#) User Manual Owner's Manual Quick Start Guide Installation Guide Guide

iRobot Roomba Plus 505 Combo Robot AutoWash Dock Owner s Manual COMBO505AW N185020

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Roomba Plus 505 Combo robot AutoWash dock Owner s Guide Getting started 1 Remove foam inserts behind bumper EN 2 Install the Edge-Sweeping brush and mop pads 2 For more information, visit global.irobot.com Align the Edge-sweeping brush and press down until you hear a click. 3 Install the doc...

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[\[pdf\]](#) User Manual Owner's Manual Quick Start Guide Installation Guide Guide

Roomba® Plus 505 PC RichardWashing the Bin 1 Release bin remove filter and open door 2 Rinse dust using warm water 3 Make sure is completely dryN185020 Owners Manual 01static pcrichard docs N185020 01 |||

Roomba Plus 505 Combo robot AutoWash dock Owner s Guide Getting started 1 Remove foam inserts behind bumper EN 2 Install the Edge-Sweeping brush and mop pads 2 For more information, visit global.irobot.com Align the Edge-sweeping brush and press down until you hear a click. 3 Install the doc...

lang:en score:21 filesize: 2.69 M page_count: 26 document date: 2025-01-21