

## iRobot 560

# iRobot Roomba 560 Robotic Vacuum Cleaner User Manual

Model: 560

## 1. INTRODUCTION

The iRobot Roomba 560 is an autonomous robotic vacuum cleaner designed to efficiently clean various floor types. It features advanced navigation, comprehensive cleaning coverage, and a fine-filtration system to capture dust and allergens. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Roomba 560.



Figure 1: Top view of the Roomba 560.

## 2. PACKAGE CONTENTS

Ensure all items are present in the package:

- iRobot Roomba 560 Vacuuming Robot

- Self-charging Home Base
- Power Source (Charger)
- 2 Auto Virtual Walls
- Brush Cleaning Tool
- Extra Filter

## 3. SETUP

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### 3.1 Charging the Battery

Before first use, fully charge the Roomba's battery. Place the Roomba on its Home Base or connect the power source directly to the robot. A full charge can take up to 3 hours and provides up to 120 minutes of continuous cleaning.

### 3.2 Placing the Home Base

Position the Home Base against a wall in an open, uncluttered area. Ensure there is at least 3 feet (1 meter) of clear space on either side of the Home Base and 6 feet (2 meters) in front of it. This allows the Roomba to easily dock and recharge.



Figure 2: Roomba 560 returning to its Home Base.

### 3.3 Setting up Virtual Walls

Use the included Auto Virtual Walls to create invisible barriers, preventing the Roomba from entering specific areas. Place a Virtual Wall at a doorway or other opening and adjust the infrared beam setting to match the desired boundary distance. The Roomba will detect the beam and not cross it.

## 4. OPERATING INSTRUCTIONS

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## 4.1 Starting a Cleaning Cycle

Press the large **CLEAN** button on the top of the Roomba to start a cleaning cycle. The robot will automatically navigate and clean your floors, adjusting its cleaning head for different surfaces like wood, tile, linoleum, and carpets.



Figure 3: Roomba 560 cleaning across different floor types.

## 4.2 Automatic Docking

When the battery runs low or a cleaning cycle is complete, the Roomba will automatically return to its Home Base to recharge.

## 4.3 Anti-Tangle Technology

The Roomba 560 is equipped with anti-tangle technology. If the unit encounters cords or rug fringes, it will automatically reverse its brushes to prevent entanglement and continue cleaning.

## 4.4 Cliff Sensors

Built-in cliff sensors prevent the Roomba from falling down stairs or other drop-offs.

## 4.5 Gentle-Touch Bumper System

The robot uses a gentle-touch bumper system to sense obstacles, slowing its approach and gently touching objects before redirecting to clean around or under them.

## 4.6 Official Product Video

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Video 1: An overview of the iRobot Roomba 560's features and operation, demonstrating its cleaning capabilities and navigation.

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# 5. MAINTENANCE

Regular maintenance ensures optimal performance of your Roomba 560.

## 5.1 Emptying the Dust Bin

Empty the bagless dust bin after each cleaning cycle. Press the bin release button and slide out the bin. Open the bin door and discard debris.

## 5.2 Cleaning Brushes

Periodically remove and clean the main brushes and side brush. Use the included brush cleaning tool to remove hair and debris tangled around the brushes and their bearings.



Figure 4: Internal view of the Roomba 560's cleaning mechanism.

## 5.3 Cleaning Filters

Clean the fine-filtration system filter regularly. Tap the filter against a trash can to remove dust. Replace the filter every 1-2 months, or as needed, to maintain suction performance.

## 5.4 Cleaning Sensors

Wipe the cliff sensors and bumper sensors with a clean, dry cloth to ensure they function correctly.

# 6. TROUBLESHOOTING

- **Roomba not charging:** Ensure the Home Base is plugged in and positioned correctly. Clean the charging contacts on both the Roomba and the Home Base.
- **Roomba getting stuck:** Clear the cleaning area of excessive cords, loose rugs, or small objects. Clean the anti-tangle brushes.
- **Poor cleaning performance:** Empty the dust bin, clean or replace the filter, and clean the main brushes and side brush.
- **Roomba not returning to Home Base:** Ensure the Home Base is in an open area and not blocked. Check if Virtual Walls are interfering with the signal.

# 7. SPECIFICATIONS

| Feature | Specification |
|---------|---------------|
|---------|---------------|

| Feature                | Specification                |
|------------------------|------------------------------|
| Brand                  | iRobot                       |
| Model Name             | 560                          |
| Product Dimensions     | 16.75"L x 16.75"W x 5"H      |
| Item Weight            | 14.3 pounds                  |
| Battery Life           | Up to 120 minutes            |
| Filter Type            | Cartridge                    |
| Control Method         | Touch                        |
| Surface Recommendation | Carpet, Tile, Wood, Linoleum |

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

The iRobot Roomba 560 comes with a 1-year limited warranty. Please refer to the warranty card included in your product packaging for detailed terms and conditions.

### 8.2 Customer Support

For technical assistance, replacement parts, or further inquiries, please visit the official iRobot website or contact their customer support line. Keep your product model number and purchase information readily available.