

iRobot Roomba Max 705

iRobot Roomba Max 705 Vac Robot Vacuum + AutoEmpty Dock User Manual

Model: Roomba Max 705 (W155020)

1. INTRODUCTION

The iRobot Roomba Max 705 Vac Robot Vacuum with AutoEmpty Dock is designed to provide advanced, hands-free cleaning for your home. This model features extreme power-lifting suction, anti-tangle Dual Rubber Brushes, and intelligent navigation capabilities including LiDAR and PrecisionVision AI technology. The integrated AutoEmpty Dock allows for up to 75 days of maintenance-free dirt disposal, ensuring a consistently clean environment.



Figure 1.1: The iRobot Roomba Max 705 Robot Vacuum and its AutoEmpty Dock, alongside the companion mobile application.

2. SETUP

Before first use, ensure the robot and AutoEmpty Dock are properly set up. The Roomba Max 705 is controlled via the Roomba Home App, which guides you through the initial setup process including Wi-Fi connection and initial mapping.

2.1 Unpacking and Placement

- Remove all packaging materials from the robot and the AutoEmpty Dock.
- Place the AutoEmpty Dock on a hard, level surface against a wall, ensuring there are no obstacles for at least 1.5 feet (0.45 meters) on either side and 4 feet (1.2 meters) in front.
- Connect the dock's power cord to a wall outlet.

2.2 Initial Charging

- Place the Roomba robot onto the charging contacts of the AutoEmpty Dock. Ensure the robot is properly aligned.

- Allow the robot to fully charge before its first cleaning cycle. A full charge typically takes several hours.

2.3 App Setup and Mapping

- Download the Roomba Home App from your device's app store.
- Follow the in-app instructions to connect your robot to your home Wi-Fi network.
- Initiate a mapping run through the app. The ClearView Pro LiDAR technology will quickly and accurately map your home, creating a detailed 3D map for efficient cleaning.

3. OPERATING THE ROOMBA MAX 705

The Roomba Max 705 is designed for intelligent and efficient cleaning. Utilize the Roomba Home App for full control and customization of your cleaning routines.

3.1 Cleaning Modes and Suction Power

- **Standard Cleaning:** Initiates a full cleaning cycle of your mapped area.
- **Spot Clean:** Directs the robot to intensely clean a specific localized area.
- **Carpet Boost:** The robot automatically increases suction power when detecting carpets for deeper cleaning, effectively removing embedded dirt and pet hair.
- **Adjustable Suction:** Through the app, you can select between four levels of suction power to suit different cleaning needs and floor types.



Figure 3.1: The Roomba Max 705 utilizing Advanced Dirt Detect Technology to identify and clean concentrated debris.

3.2 Navigation and Obstacle Avoidance

- **ClearView Pro LiDAR:** Expertly maps your home for maximum coverage and thorough cleaning, day or night. This technology ensures the robot navigates efficiently without missing spots.
- **PrecisionVision AI Technology:** Immediately recognizes and swiftly navigates around objects of all shapes and sizes, including cords, socks, and pet waste, preventing entanglement or spreading messes.
- **Dirt Detect Technology:** Identifies large messes ahead, prompting the robot to repeat cleaning passes for a more thorough clean in high-traffic or heavily soiled areas.
- **Anti-Fall Sensors:** Specialized sensors prevent the Roomba robot from tumbling down stairs or off ledges.



PrecisionVision™ AI Technology

IMMEDIATELY RECOGNIZES AND AVOIDS
OBJECTS OF ALL SIZES



Figure 3.2: PrecisionVision AI Technology allows the robot to recognize and avoid common household obstacles.

3.3 Smart Features and Customization

- **Room-by-Room Cleaning:** Select specific rooms or zones for cleaning directly from the app.
- **Scheduled Cleaning:** Set up recurring cleaning schedules to automate your cleaning routine.
- **Keep Out Zones:** Define areas the robot should avoid, such as pet dishes or delicate furniture.
- **Voice Assistant Integration:** Pair with Alexa, Siri, or Google Assistant-enabled devices for voice commands.
- **Data-Driven Recommendations:** The app provides insights into which rooms get dirty fastest and suggests optimized cleaning routines.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Roomba Max 705. The Roomba Home App provides a "Health Dashboard" to track maintenance needs.

4.1 AutoEmpty Dock

- The AutoEmpty Dock automatically empties the robot's bin into a sealed bag, providing up to 75 days of

hands-free cleaning.

- Replace the AutoEmpty Bag when indicated by the app or the dock's indicator light. This keeps dust clouds contained and your hands clean.



Captures debris for up to 75 days
WITHOUT RELEASING A CLOUD OF DUST



Figure 4.1: The AutoEmpty Dock captures debris for extended periods, minimizing user interaction.

4.2 Dual Rubber Brushes

- The anti-tangle Dual Rubber Brushes are designed to minimize hair wrap.
- Periodically remove and clean the brushes to ensure optimal debris pickup. Refer to the app for detailed instructions on brush removal and cleaning.

4.3 Filter

- The filter helps trap dust and allergens.
- Clean the filter regularly by tapping it against a trash can to dislodge debris. Replace the filter every few months or as indicated by the app for best performance.

4.4 Edge-Sweeping Brush

- Inspect the edge-sweeping brush periodically for tangled hair or debris.
- Clean or replace the brush as needed to maintain effective edge and corner cleaning.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Roomba Max 705. For more detailed troubleshooting, refer to the Roomba Home App or iRobot's official support resources.

Problem	Possible Cause	Solution
Robot not charging/docking	Charging contacts are dirty; dock is obstructed; worn drive wheels.	Clean charging contacts on both robot and dock. Ensure dock area is clear. Check drive wheels for wear or debris.
Robot gets tangled frequently	Excessive hair/debris on brushes; small objects on floor.	Clean Dual Rubber Brushes regularly. Utilize PrecisionVision AI by ensuring floor is clear of small objects like cords and socks before cleaning.
Poor cleaning performance	Full dust bin; dirty filter; worn brushes.	Empty the dust bin (if not using AutoEmpty Dock). Clean or replace the filter. Clean or replace the Dual Rubber Brushes and Edge-Sweeping Brush.
Robot not mapping or navigating correctly	LiDAR sensor obstructed; poor lighting; firmware issue.	Ensure LiDAR sensor is clean and unobstructed. While the robot can navigate in the dark, optimal mapping may require some ambient light. Check the app for firmware updates.
Robot falls off stairs/ledges	Dirt on cliff sensors; extreme lighting conditions.	Clean the cliff sensors located on the underside of the robot. Ensure no direct sunlight or dark surfaces are interfering with sensors.

6. SPECIFICATIONS

Feature	Detail
Brand	iRobot
Model Name	Roomba Max 705
Item Model Number	W155020
Color	Black
Product Dimensions	14"L x 13.8"W x 4.1"H
Item Weight	7.5 pounds
Included Components	1 Roomba Max 705 Vac robot, 1 AutoEmpty dock, 1 Extra AutoEmpty Bag, 1 Extra Filter
Filter Type	Cartridge
Battery Life	210 minutes
Control Method	App
Navigation Technology	ClearView Pro LiDAR, PrecisionVision AI Technology
Dust Disposal	AutoEmpty Dock (up to 75 days hands-free)

7. WARRANTY AND SUPPORT

iRobot is committed to providing reliable products and excellent customer service. For warranty information, product support, and to order genuine accessories, please refer to the Roomba Home App or visit the official iRobot website.

Important: iRobot does not certify the quality or authenticity of products purchased from non-authorized resellers on Amazon, and will only cover warranty claims, provide service or offer replacements for products purchased from authorized resellers.

For further assistance, please contact iRobot Customer Care.