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iRobot 105X

iRobot Roomba 105X Robot Vacuum User Manual

Model: 105X

1. SETUP

This section guides you through the initial setup of your iRobot Roomba 105X Robot Vacuum. Proper setup ensures optimal performance and connectivity.

1.1 Unboxing and Placement

Carefully remove all components from the packaging. Select a suitable location for the Home Base charging station. Ensure it is placed against a wall, on a level surface, with at least 1.5 feet (0.5 meters) of clear space on either side and 4 feet (1.2 meters) in front. This allows the robot to easily dock and undock.



Image: The iRobot Roomba 105X Robot Vacuum, ready for setup.

1.2 Initial Charging

Before first use, fully charge your Roomba. Place the robot on the Home Base, ensuring the metal charging contacts on the robot align with those on the Home Base. The light indicator on the robot will show charging status. A full charge typically takes approximately 3 hours.



Recharges and returns to cleaning



Image: The Roomba 105X robot vacuum automatically returns to its Home Base for recharging.

1.3 Connecting to the iRobot Home App

For full functionality, download the iRobot Home App on your smartphone or tablet. Follow the in-app instructions to connect your Roomba 105X to your home's 2.4GHz Wi-Fi network. This enables smart features like scheduling, custom cleaning, and voice control.



Image: The iRobot Home App interface displaying options for scheduling and customization.

1.4 Product Overview Video

Video: An official iRobot overview of the Roomba 105X Robot Vacuum, detailing its features and initial setup.

2. OPERATING YOUR ROOMBA 105X

The Roomba 105X offers intelligent cleaning with various control options and advanced navigation features.

2.1 Starting a Cleaning Cycle

You can initiate a cleaning cycle in three ways:

- **iRobot Home App:** Use the app to start, stop, or schedule cleaning from anywhere.
- **Voice Control:** Connect your Roomba to a compatible voice assistant (e.g., Alexa) and use voice commands.
- **Onboard Buttons:** Press the CLEAN button on the robot itself to start or pause a cleaning job.

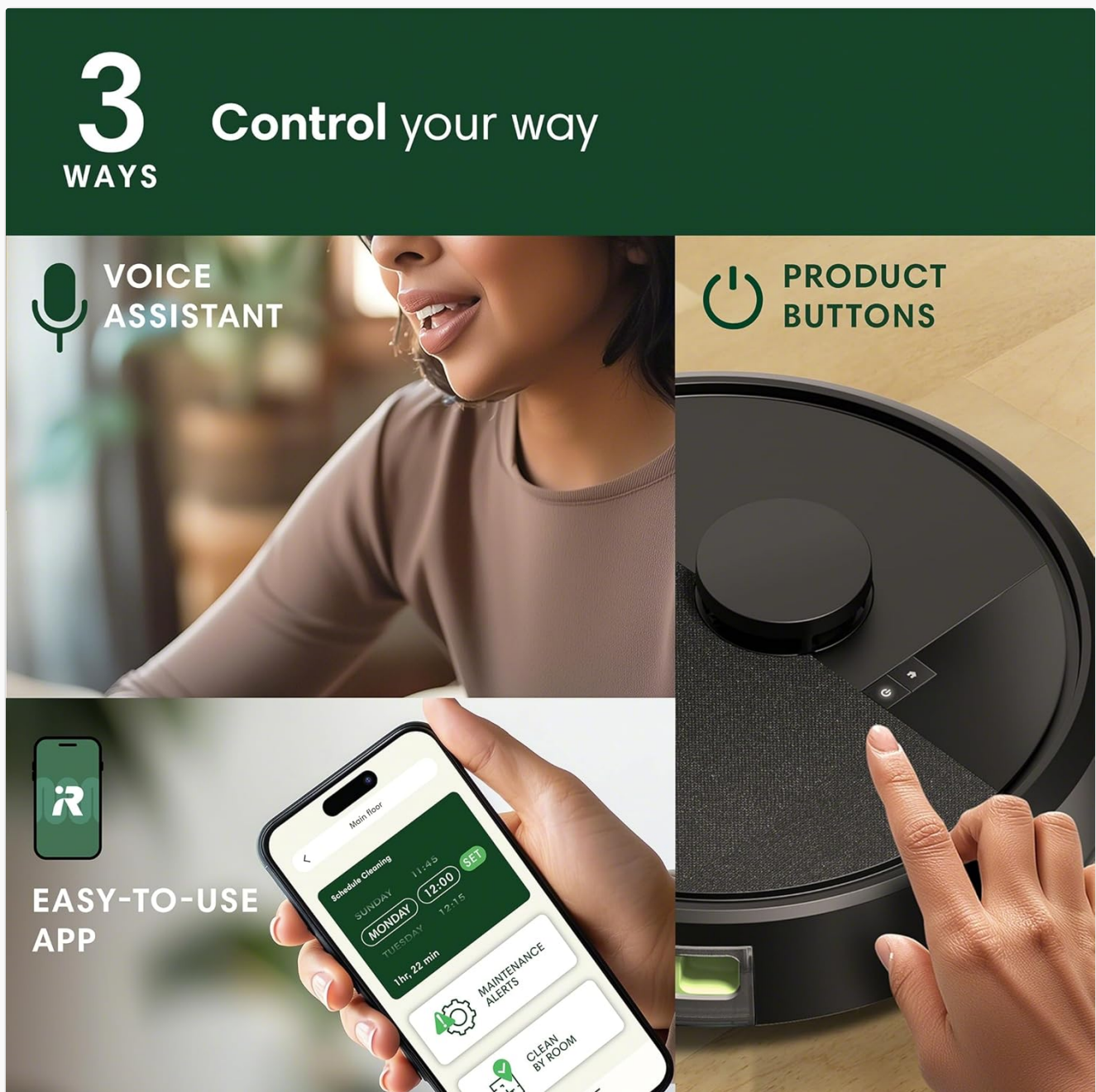


Image: Illustration of the three control methods for the Roomba 105X: voice assistant, physical buttons, and the iRobot Home App.

2.2 Smart LiDAR Mapping and Navigation

The Roomba 105X utilizes ClearView™ LiDAR technology to map your home's layout. This allows it to clean efficiently in organized rows, avoiding furniture, cords, and other obstacles. The robot can navigate effectively even in low-light conditions.



Image: The Roomba 105X robot vacuum employing LiDAR technology to map and navigate a room, avoiding obstacles.

2.3 3-Stage Cleaning System

The robot employs a 3-Stage Cleaning System for thorough dirt removal:

1. **Edge-Sweeping Brush:** Sweeps debris from edges and corners into the robot's path.
2. **Multi-Surface Brushes:** Two main brushes work together to agitate and lift dirt from floors.
3. **Power-Lifting Suction:** Provides 70X more suction power compared to Roomba 600 series robots, pulling in embedded dust, crumbs, and pet hair.

3
STAGES

Cleaning has
never been so simple



Edge-
Sweeping
Brush



Intense
Suction



Multi-Surface
Bristle Brush

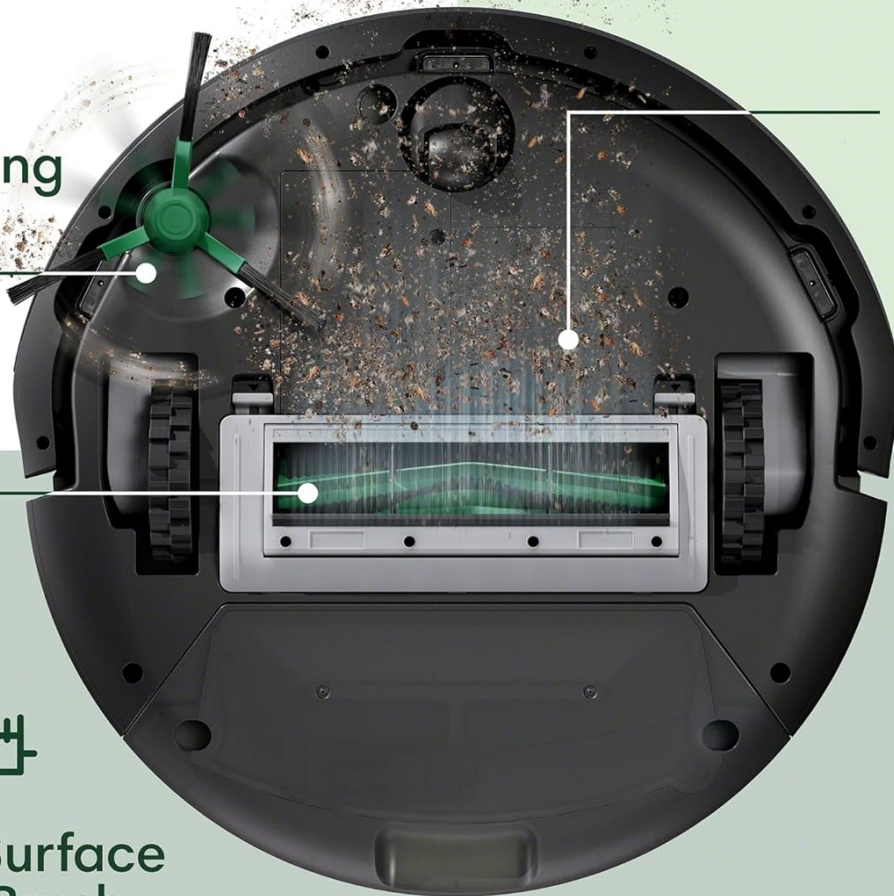


Image: A visual breakdown of the Roomba's 3-stage cleaning system, highlighting the edge-sweeping brush, multi-surface brush, and intense suction.

2.4 Custom Cleaning and Spot Clean

Through the iRobot Home App, you can customize cleaning preferences, including scheduling cleans, targeting specific high-traffic rooms, adjusting suction levels for different floor types, and adding extra passes for heavily soiled areas. For concentrated messes, use the Spot Clean feature to direct the robot to repeatedly clean a small area for up to five minutes.



3. MAINTENANCE

Regular maintenance is crucial for keeping your Roomba 105X operating at peak performance. Follow these steps to clean and care for your robot.

3.1 Emptying the Dust Bin

The dust bin should be emptied after each cleaning cycle, especially in homes with pets. Press the bin release button and pull out the bin. Open the bin door and discard debris. Tap the bin against a trash can to remove loose dirt.

3.2 Cleaning the Filter

Remove the filter from the dust bin. Tap the filter against a trash can to dislodge dirt. Do not wash the filter with water. Replace the filter every 2-3 months, or as indicated by the iRobot Home App.



Image: The iRobot Home App provides maintenance alerts, including tracking the filter's lifespan.

3.3 Cleaning Brushes and Wheels

Periodically remove the Multi-Surface Brushes and the Edge-Sweeping Brush. Use the cleaning tool provided to remove hair and debris wrapped around the brushes and axles. Wipe the charging contacts on the robot and Home Base with a clean, dry cloth. Clean the front caster wheel by pulling it out and removing any trapped hair or debris.



Image: A cutaway diagram illustrating the internal components of the robot vacuum, including the brushes and suction mechanism, which require regular cleaning.

4. TROUBLESHOOTING

If your Roomba 105X encounters an issue, consult this section for common solutions.

4.1 Robot Gets Stuck

- **Cords and Obstacles:** Ensure all loose cords, small toys, and other obstacles are cleared from the floor before cleaning.
- **Rugs and Transitions:** Some thick rugs or high floor transitions may cause the robot to get stuck. Consider using Keep Out Zones in the app or physically blocking these areas.
- **Floor Vents/Mats:** The robot may struggle with certain floor vents or lightweight mats. Adjust their placement or use virtual barriers if available.

4.2 Battery and Charging Issues

- **Not Returning to Home Base:** Ensure the Home Base is in an accessible location with clear space around it. Clean the charging contacts on both the robot and the Home Base.
- **Short Battery Life:** Ensure the robot is fully charged before starting a cleaning cycle. If battery life significantly degrades, contact customer support for potential battery replacement.

4.3 App Connectivity Problems

- **Wi-Fi Connection:** Verify your home Wi-Fi is a 2.4GHz network. Restart your router and try reconnecting the robot through the iRobot Home App.
- **App Not Responding:** Close and reopen the iRobot Home App. Ensure your app is updated to the latest version.

5. SPECIFICATIONS

Detailed technical specifications for the iRobot Roomba 105X Robot Vacuum.

Feature	Detail
Brand	iRobot
Model Name	105X Robot Vacuum
Model Number	Q314020
UPC	885155059758
Surface Recommendation	Carpet & Hard Floor
Special Features	Anti-Fall, App Or Voice Control, Bagless, Dirt Detection Sensor, Eco Mode, LiDAR Navigation, Low Noise, Scheduling
Controller Type	App Control, Button Control, Voice Control
Filter Type	Cartridge
Battery Life	200 minutes

Feature	Detail
Battery Type	Lithium Ion
Power Source	Battery Powered
Item Dimensions (L x W x H)	13.2"L x 13.2"W x 4.1"H
Form Factor	Round
Included Components	Docking Station, Filter

6. WARRANTY AND SUPPORT

Your iRobot Roomba 105X Robot Vacuum is covered by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your product packaging or visit the official iRobot website. For technical support, troubleshooting assistance, or to order replacement parts, please contact iRobot Customer Care.

You can find additional resources and contact information on the official iRobot support page:

www.irobot.com/support