iRobot R971

iRobot Roomba 971 Robot Vacuum Cleaner User Manual

Model: R971 | Brand: iRobot

1. INTRODUCTION

The iRobot Roomba 971 is a Wi-Fi connected robot vacuum designed to provide automated cleaning for your home. It features Power-Lifting Suction, Dual Multi-Surface Rubber Brushes, and multi-room navigation to efficiently clean various floor types. The robot is equipped with Dirt Detect Technology and a 3-Stage Cleaning System to ensure thorough cleaning. You can schedule cleaning sessions and control the robot through the iRobot HOME App.

Image 1.1: Top view of the iRobot Roomba 971 Robot Vacuum Cleaner.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- iRobot Roomba 971 Robot Vacuum
- Home Base Charging Station
- Line Cord

Image 2.1: The iRobot Roomba 971 robot, Home Base, and line cord.

3. SETUP

3.1 Placing the Home Base

Place the Home Base charging station on a level surface against a wall. Ensure there is at least 0.5 meters (1.5 feet) of clear space on either side of the Home Base and 1.2 meters (4 feet) in front of it. Plug the line cord into the Home Base and then into a wall outlet. Keep the Home Base plugged in to ensure the robot is always charged and ready to clean.

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Critère	Sous-critère	Note du sous-critère sur 10	Coefficient du sous critère	Note du critère sur 20	Total des notes des critères sur 100
CRITÈRE 1 : DOCUMENTATION	1.1 Durée de disponibilité de la documentation technique et relative aux conseils d'utilisation et d'entretien	8,5	2	16,9	
CRITÈRE 2 : DÉMONTABILITÉ, ACCÈS, OUTILS, FIXATIONS	2.1 Facilité de démontage des pièces de la liste 2*	10,0	1	20,0	
	2.2 Outils nécessaires (liste 2)	10,0	0,5		
	2.3 Caractéristiques des fixations entre les pièces de la liste 1** et de la liste 2	10,0	0,5		
CRITÈRE 3 : DISPONIBILITÉ DES PIÈCES DÉTACHÉES	3.1 Durée de disponibilité des pièces de la liste 2	0	1	2,2	74,1
	3.2 Durée de disponibilité des pièces de la liste 1	0	0,5		
	3.3 Délais de livraison des pièces de la liste 2	5,0	0,3		
	3.4 Délais de livraison des pièces de la liste 1	3,5	0,2		
CRITÈRE 4 : PRIX DES PIÈCES DÉTACHÉES	4. Rapport prix des pièces de la liste 2 sur prix de l'équipement neuf	7,5	2	15,0	
CRITÈRE 5 : CRITÈRE SPÉCIFIQUE	5.1 Accesibilité du compteur d'usage	10,0	1	20,0	
	5.2 Assistance à distance sans frais	10,0	0,5		
	5.3 Possibilité de réinitialisation logicielle	10,0	0,5		
	Note de l'indice sur 10				**7,4**

*liste 2 : liste des 3 à 5 pièces détachées au maximum (selon la catégorie d'équipements concernée) dont la casse ou les pannes sont les plus fréquentes ;
**liste 1 : liste de 10 autres pièces détachées au maximum (selon la catégorie d'équipements concernée) dont le bon état est nécessaire au fonctionnement de l'équipement.

Image 3.1: The Roomba 971 approaching its Home Base charging station.

3.2 Initial Charging

Place your Roomba robot on the Home Base. The robot will emit a tone to confirm it is properly docked. Allow the robot to charge for at least 3 hours before its first cleaning cycle. The battery indicator light on the robot will show its charging status.

3.3 Connecting to the iRobot HOME App

1. Download the iRobot HOME App from your device's app store.
2. Open the app and follow the on-screen instructions to connect your Roomba 971 to your home Wi-Fi network.
3. The app allows you to schedule cleanings, view cleaning history, and access support.
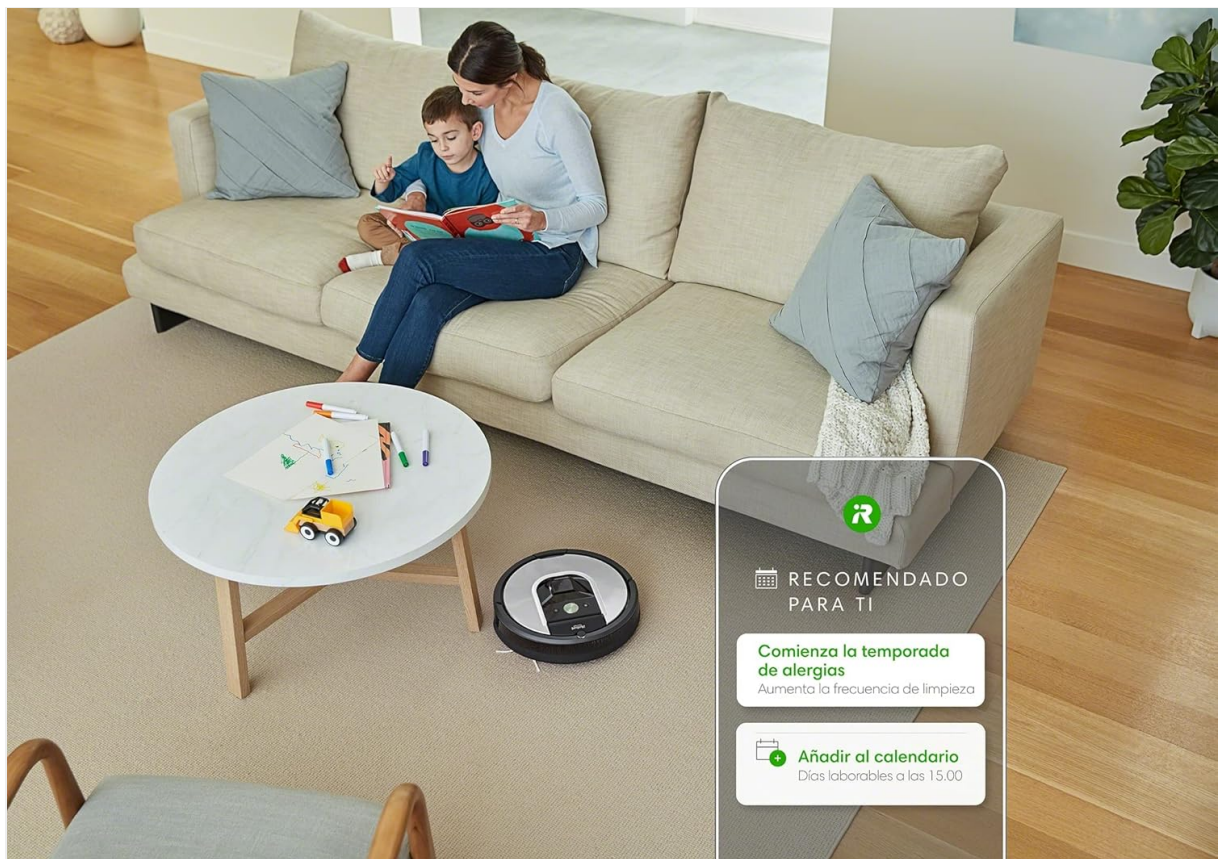
Image 3.2: Controlling the Roomba 971 via the iRobot HOME App.

4. Operating Instructions

4.1 Starting a Cleaning Cycle

Press the **CLEAN** button on the robot or use the iRobot HOME App to start a cleaning cycle. The robot will automatically navigate your home, cleaning until its battery is low, then return to the Home Base to recharge. It will resume cleaning if the job is not finished.

Image 4.1: The Roomba 971 systematically cleaning a floor.

4.2 Navigation and Dirt Detect

The Roomba 971 uses vSLAM navigation technology to create an accurate map of your home, ensuring comprehensive coverage. Dirt Detect Technology allows the robot to identify and focus on areas with higher concentrations of dirt, providing a more thorough clean where needed.

Image 4.2: Roomba 971 cleaning along edges, with a virtual wall in use.

4.3 Scheduling and Smart Home Integration

Use the iRobot HOME App to set cleaning schedules that fit your lifestyle. The Roomba 971 is compatible with smart home devices, allowing for voice control and integration into your smart home ecosystem.
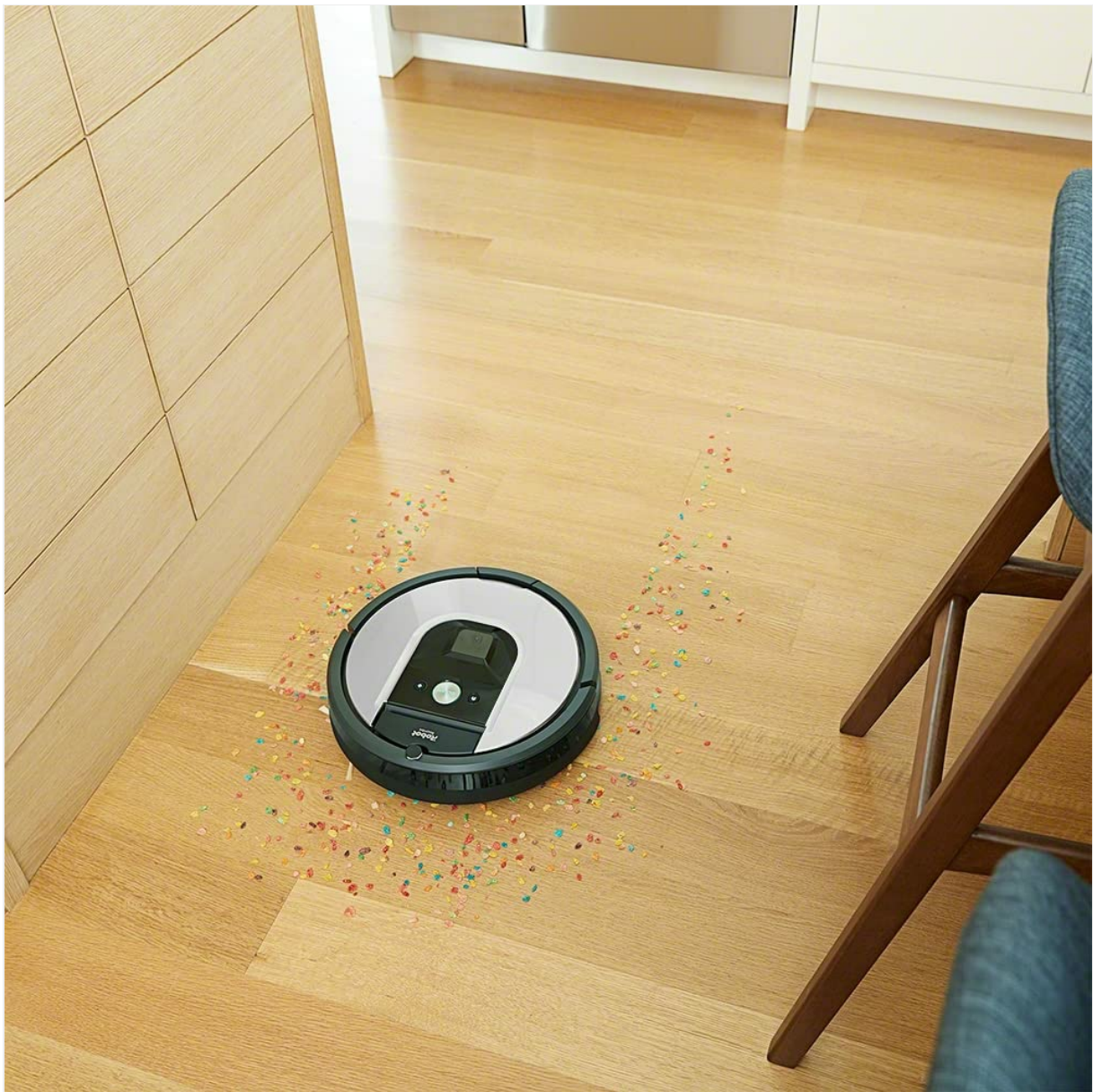
Image 4.3: Roomba 971 operating in a smart home environment.

4.4 Imprint Link Technology

The Roomba 971 can be paired with a Braava m6 robot mop using Imprint Link Technology. This allows the robot mop to automatically start a mopping job once the vacuuming is complete, providing a seamless two-step cleaning process.

Image 4.4: Roomba 971 and Braava m6 working together with Imprint Link Technology.

5. MAINTENANCE

Regular maintenance ensures optimal performance of your Roomba 971. Always turn off the robot and disconnect it from the Home Base before performing any maintenance.

5.1 Emptying the Dust Bin

Empty the dust bin after each cleaning cycle. Press the bin release button and pull out the bin. Open the bin door and shake out debris. The bin can be rinsed with water, but ensure it is completely dry before reinserting.

5.2 Cleaning the Brushes

The Roomba 971 uses Dual Multi-Surface Rubber Brushes. These should be cleaned regularly, especially if you have pets. Pinch the yellow tabs to lift the brush frame and remove the brushes. Remove any hair or debris wrapped around the brushes or their caps. Reinstall the brushes, ensuring they click into place.

Image 5.1: Underside of Roomba 971, highlighting the cleaning brushes.

5.3 Cleaning the Filter

The robot uses a HEPA filter. Remove the filter from the dust bin and tap it against a trash can to dislodge debris. Do not wash the filter. Replace the filter every 2-3 months, or more frequently with heavy use.

5.4 Cleaning Sensors and Charging Contacts

Wipe the robot's sensors (cliff sensors, optical sensors) and charging contacts on both the robot and the Home Base with a clean, dry cloth. This ensures proper navigation and charging.
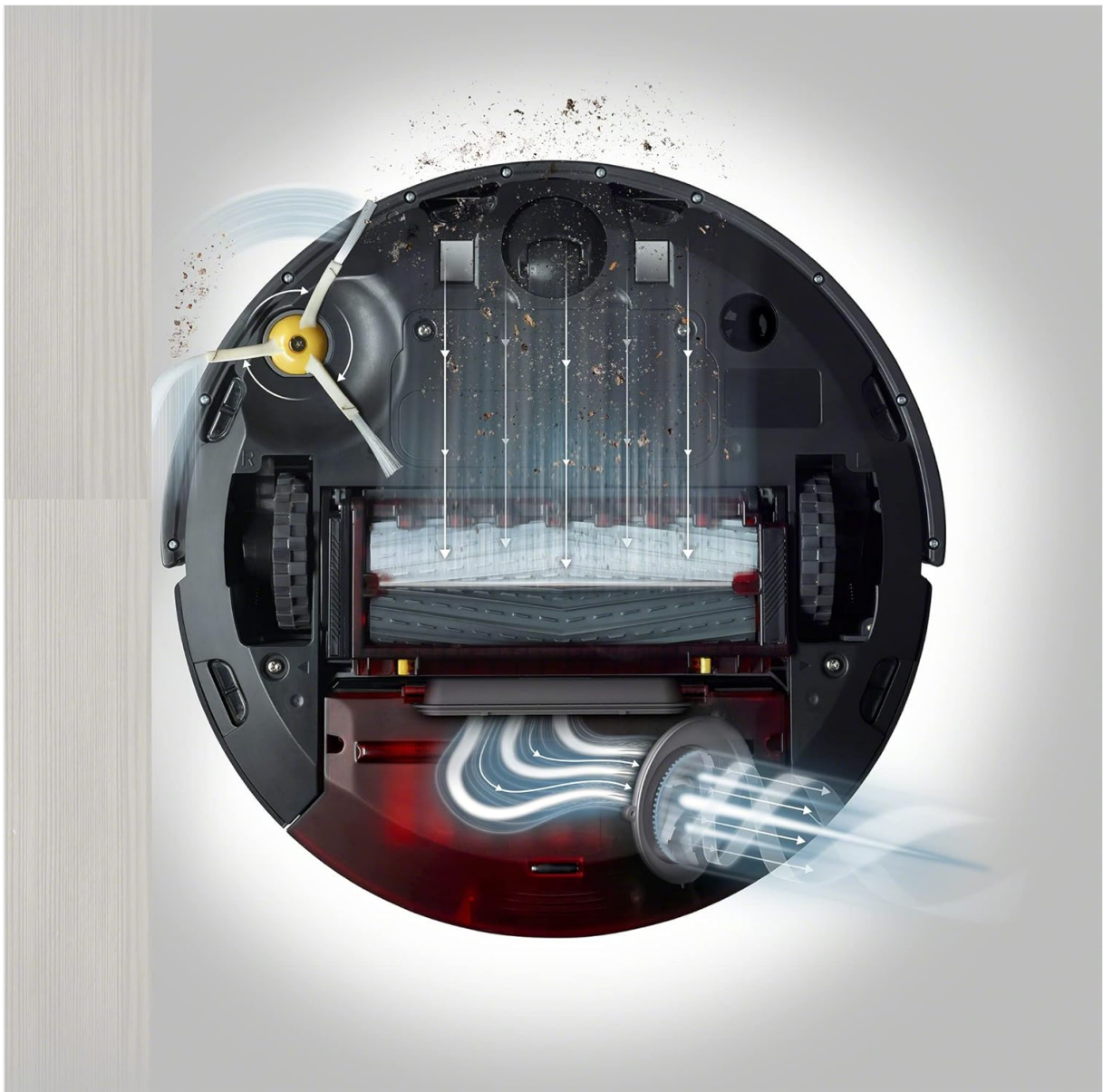
Image 5.2: Diagram of the 3-Stage Cleaning System.

6. TROUBLESHOOTING

If your Roomba 971 encounters an issue, the robot may play an audible alert and display a troubleshooting message in the iRobot HOME App. Refer to the app for specific error codes and solutions.

- **Robot not charging:** Ensure the Home Base is plugged in and the robot is properly docked. Clean the charging contacts on both the robot and the Home Base.
- **Robot getting stuck:** Clear any loose cables, rugs with long fringes, or small objects from the cleaning area. Use Virtual Wall Barriers (sold separately) to block off problem areas.
- **Poor cleaning performance:** Empty the dust bin, clean the brushes, and replace the filter if necessary. Ensure the side brush is free of debris.
- **Robot not connecting to Wi-Fi:** Ensure your Wi-Fi router is on and within range. Restart your router and the robot. Follow the in-app instructions for Wi-Fi setup.

For further assistance, consult the iRobot HOME App or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	iRobot
Model Name	900 series
Item Model Number	R971
Colour	Silver
Filter Type	HEPA
Capacity	0.6 litres
Power Source	Battery Powered
Control Method	App, Button Control
Compatible Devices	iRobot Roomba
Form Factor	Robotic
Item Weight	3 kg 900 g
Item Dimensions LxWxH	35 x 9.1 x 9.1 Centimeters
Surface Recommendation	Carpet, Hard Floor

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The iRobot Roomba 971 comes with a warranty valid for a period of **24 months** for the appliance itself, covering manufacturing defects. The battery is covered by a separate warranty for **12 months** from the date of purchase. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact iRobot customer support:

- **Toll-Free Number:** 1800-200-3355
- **Manufacturer:** iRobot Corporation, 8, Crosby Dr, Bedford, MA 01730, United States
- **Importer (India):** Puresight Systems Pvt Ltd, No 15, Queens Rd, Bangalore 560052

You can also find additional support resources and FAQs on the official iRobot website or through the iRobot HOME App.