

Zigma Spark-980

Zigma Spark-980 Robot Vacuum Cleaner with Mopping Function - User Manual

Model: Spark-980

1. INTRODUCTION

Welcome to the Zigma Spark-980 Robot Vacuum Cleaner user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new robot vacuum cleaner. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

Important Safety Information: Always follow basic safety precautions when using electrical appliances. Keep the robot away from water, heat sources, and flammable materials. Ensure children and pets are supervised when the robot is operating.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Powerful Cleaning:** 4000 Pa suction power for effective dirt and dust removal.
- **Intelligent Navigation:** Advanced AI Laser Navigation 3.0 for efficient path planning, anti-drop, anti-collision, virtual wall, and obstacle climbing up to 1.5 cm.
- **Mopping Function:** Integrated mopping system with a 360 ml water tank for wet cleaning.
- **Multi-Floor Mapping:** Ability to save an unlimited number of maps, ideal for multi-story homes or large areas.
- **Smart Control:** Control via the Zigma exclusive app, remote control, or voice commands (Siri, Alexa, Google Assistant).
- **Customizable Cleaning:** Edit room plans and create personalized cleaning schedules through the app.
- **HEPA Filtration:** Equipped with a HEPA filter to capture fine dust and allergens.
- **Long Battery Life:** Up to 140 minutes of continuous cleaning on a single charge.



Image: The Zigma Spark-980 Robot Vacuum Cleaner, its remote control, and a smartphone displaying the companion app interface.

2.2 Package Contents

Please check that all components are present in the package:

- Zigma Spark-980 Robot Vacuum Cleaner
- Charging Dock
- Power Adapter
- Remote Control
- Dustbin (600 ml capacity)
- Water Tank (360 ml capacity)
- Side Brushes (2 pairs)
- Main Brush
- HEPA Filter (pre-installed or spare)
- Cleaning Tool

3. SETUP

3.1 Unpacking and Placement

1. Remove all packaging materials and protective films from the robot and its accessories.
2. Place the charging dock against a wall on a hard, level surface. Ensure there is at least 1 meter (3 feet) of clear space on both sides and 2 meters (6 feet) in front of the dock.
3. Connect the power adapter to the charging dock and plug it into a power outlet. Ensure the power indicator on the dock lights up.

3.2 Initial Charging

Place the robot onto the charging dock. Ensure the charging contacts on the robot align with those on the dock. The robot will begin charging automatically. For first-time use, fully charge the robot for at least 6 hours.

3.3 Installing Side Brushes

Press the side brushes onto the square posts at the bottom of the robot until they click into place. Ensure the brushes are securely attached.

3.4 Connecting to Wi-Fi and App Setup

1. Download the 'Zigma' app from the App Store (iOS) or Google Play Store (Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your Spark-980 robot. Ensure your Wi-Fi network is 2.4 GHz, as the robot is not compatible with 5 GHz networks.
4. Once connected, you can access advanced features like mapping, scheduling, and cleaning mode selection.

Zigma exclusive App



Image: A smartphone displaying the Zigma exclusive app interface, highlighting features such as timing cleaning, cleaning reports, device sharing, and voice settings.

4. OPERATING INSTRUCTIONS

4.1 Starting and Pausing Cleaning

- **Start Cleaning:** Press the power button on the robot or the 'Clean' button on the remote control/app. The robot will begin cleaning in its default mode.
- **Pause Cleaning:** Press the power button on the robot or the 'Pause' button on the remote control/app.
- **Return to Dock:** Press the 'Home' button on the remote control/app to send the robot back to its charging dock.

4.2 Cleaning Modes

The Spark-980 offers 3 cleaning and scrubbing modes:

- **Auto Cleaning:** The robot intelligently navigates and cleans the entire area.

- **Spot Cleaning:** The robot focuses on a specific dirty area, cleaning in a spiral pattern.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Mopping Mode:** Attach the water tank and mopping pad for wet cleaning.

4000Pa Super Cleaning Power



Image: The Zigma Spark-980 Robot Vacuum Cleaner actively cleaning a floor covered with debris, demonstrating its powerful 4000Pa suction.

4.3 Using the Mobile App

The Zigma app provides comprehensive control and customization:

- **Real-time Mapping:** View the robot's cleaning path and generated maps.
- **Multi-Map Saving:** Store maps for different floors or areas.
- **Zone Cleaning:** Define specific areas for the robot to clean or avoid.
- **Scheduled Cleaning:** Set daily or weekly cleaning schedules.
- **Cleaning History:** Review past cleaning sessions.
- **Suction Power Adjustment:** Adjust suction levels for different floor types.

Multi Map Saving

Create multi cleaning plans



Image: A user observing the Zigma app on a smartphone, which displays multi-floor mapping capabilities (1F and 2F), demonstrating the robot's ability to save multiple cleaning plans.

4.4 Voice Control

The Zigma Spark-980 is compatible with Amazon Alexa, Google Assistant, and Apple Siri. Link your robot to your preferred voice assistant through the Zigma app settings.

- **Siri:** "Hey Siri, let Spark clean the living room."
- **Google Assistant:** "Hey Google, let Spark clean the bathroom."
- **Alexa:** "Alexa, let Spark clean the bedroom."

Control by your voice



Hi Siri, let Spark clean the living room



Hey Google, let Spark clean the bathroom



Alexa, let Spark clean the bedroom



Image: A user interacting with smart home devices to control the Zigma robot vacuum cleaner using voice commands, illustrating compatibility with Siri, Google Assistant, and Alexa.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum cleaner. Always turn off the robot before performing any maintenance.

5.1 Cleaning the Dustbin and Filter

1. Press the dustbin release button and pull out the dustbin.
2. Open the dustbin lid and empty its contents into a trash can.
3. Remove the HEPA filter and primary filter. Tap them gently to remove dust. Do not wash the HEPA filter with water.
4. Rinse the dustbin with water if necessary, ensuring it is completely dry before re-installing.
5. Re-install the filters and dustbin.

5.2 Cleaning the Water Tank and Mopping Pad

1. Remove the water tank from the robot.
2. Empty any remaining water and rinse the tank.
3. Remove the mopping pad and wash it by hand or machine. Allow it to air dry completely.
4. Re-attach the clean, dry mopping pad and water tank.

5.3 Cleaning the Main Brush

1. Flip the robot over and locate the main brush cover.
2. Press the release tabs to open the cover and remove the main brush.
3. Use the provided cleaning tool to remove hair and debris tangled around the brush.
4. Re-install the main brush and close the cover.

5.4 Cleaning Side Brushes

Periodically remove the side brushes and clean any hair or debris wrapped around them. If brushes are worn or damaged, replace them with new ones.

5.5 Cleaning Sensors and Charging Contacts

Wipe the anti-drop sensors, anti-collision sensors, and charging contacts on both the robot and the charging dock with a clean, dry cloth. This ensures proper navigation and charging.

Intelligent AI Laser Navigation 3.0



Clean along the edge



Anti-drop



Anti-collision



Virtual Wall



Climb up to 1.5cm

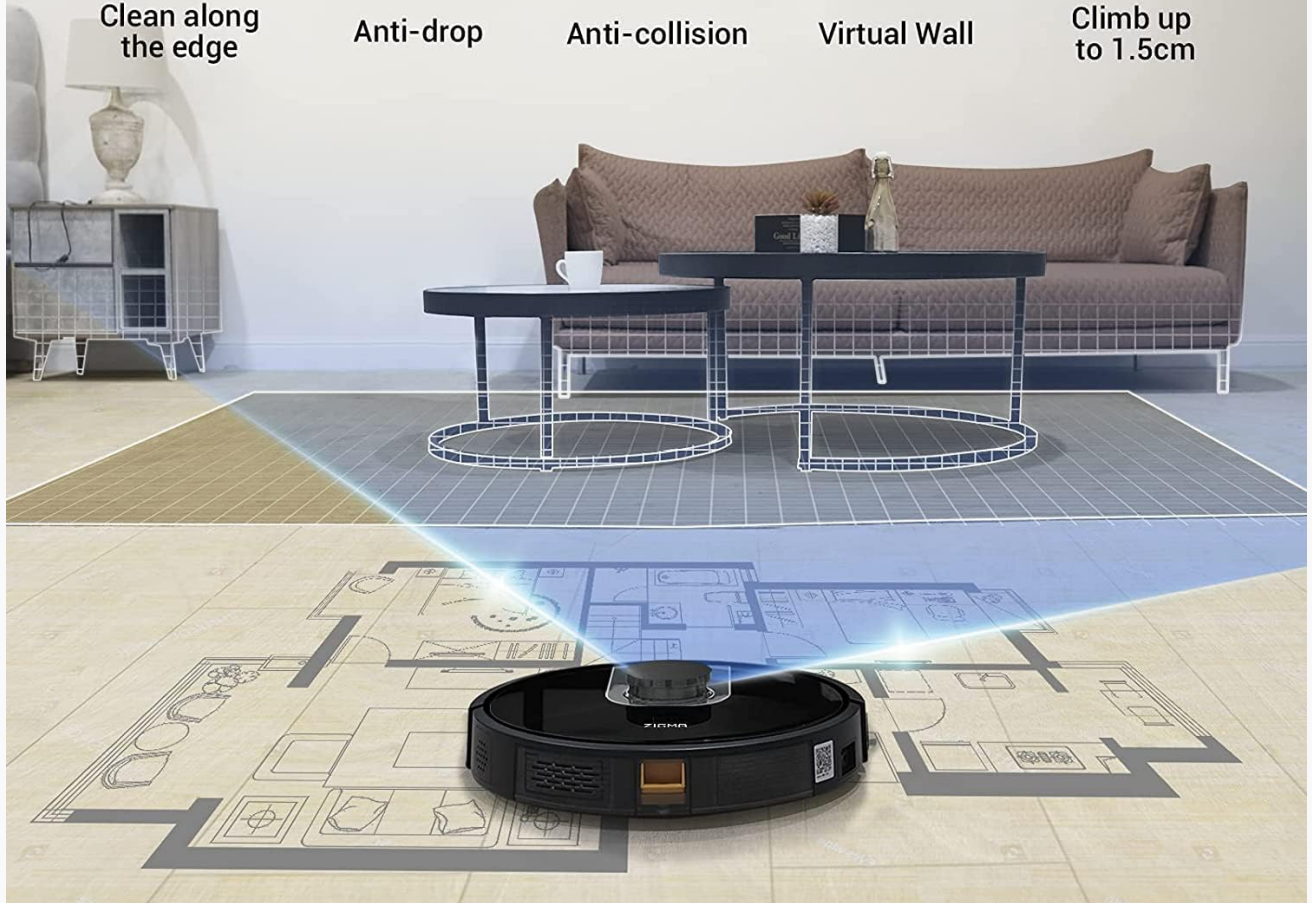


Image: An illustration detailing the Intelligent AI Laser Navigation 3.0 system, showing features like edge cleaning, anti-drop, anti-collision, virtual wall functionality, and obstacle climbing capability.

6. TROUBLESHOOTING

If you encounter issues with your Zigma Spark-980, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed	Place robot on charging dock; Press and hold power button for 3 seconds
Robot does not charge	Charging contacts dirty; Power adapter not connected	Clean charging contacts; Ensure power adapter is securely plugged in
Robot gets stuck frequently	Obstacles on floor; Sensors dirty	Clear cables, rugs, and small objects; Clean all sensors

Problem	Possible Cause	Solution
Poor cleaning performance	Dustbin full; Brushes tangled; Filter clogged	Empty dustbin; Clean main and side brushes; Clean/replace filter
Robot cannot connect to Wi-Fi	Incorrect Wi-Fi band; Weak signal; Incorrect password	Ensure 2.4 GHz network; Move robot closer to router; Re-enter password in app

For further assistance, please contact Zigma customer support.

7. SPECIFICATIONS

7.1 Technical Specifications

Feature	Specification
Brand	Zigma
Model Number	Spark-980
Color	Black
Product Dimensions	33.5 x 33 x 9.5 cm
Product Weight	4.74 kg
Suction Power	4000 Pa
Dustbin Capacity	600 ml
Water Tank Capacity	360 ml
Battery Life	Up to 140 Minutes
Battery Type	Lithium-ion
Filter Type	HEPA
Compatible Voice Assistants	Amazon Alexa, Google Home, Apple Siri
Controller Type	Remote Control, Mobile App
Wi-Fi Compatibility	2.4 GHz

8. WARRANTY AND SUPPORT

The Zigma Spark-980 Robot Vacuum Cleaner comes with a **24-month worry-free warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your product functions as intended under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Zigma customer service through the Zigma app or visit the official Zigma website for contact information.



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