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## Zigma Spark980

# Zigma Spark 980 Robot Vacuum and Mop User Manual

Model: Spark980 | Brand: Zigma

## INTRODUCTION

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This manual provides detailed instructions for the Zigma Spark 980 Robot Vacuum and Mop, a 2-in-1 cleaning device designed for efficient vacuuming and mopping. Featuring advanced AI Laser Navigation 4.0, powerful 4000Pa suction, and smart app control, the Spark 980 offers a comprehensive cleaning solution for various floor types and large homes. Please read this manual thoroughly before using your robot vacuum to ensure safe and optimal operation.



Image: The Zigma Spark 980 Robot Vacuum and Mop, showcasing its sleek design, accompanying remote control, and a smartphone displaying the Zigma app interface with a floor map.

## SETUP

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### 1. Unboxing and Initial Setup

- **Carefully remove all components from the packaging.** Ensure all accessories are present: the robot vacuum, charging dock, power adapter, side brushes, main brush, dustbin, water tank, and cleaning tool.
- **Charging Dock Placement:** Place the charging dock against a wall in an open area, ensuring at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front. Connect the power adapter to the dock and plug it into a power outlet. Ensure the dock is powered on.
- **Initial Charge:** Place the robot vacuum onto the charging dock. The robot will automatically align and begin charging. For first-time use, fully charge the robot before operation (approximately 4-5 hours).

### 2. App Download and Connection

- **Download the 'Zigma' app** from your smartphone's app store (iOS/Android).

- **Open the app, register an account,** and follow the on-screen instructions to add your Spark 980 robot. Ensure your Wi-Fi network is 2.4GHz for successful connection.

## AI quick Mapping before Cleaning

「create maps and split rooms in minutes」

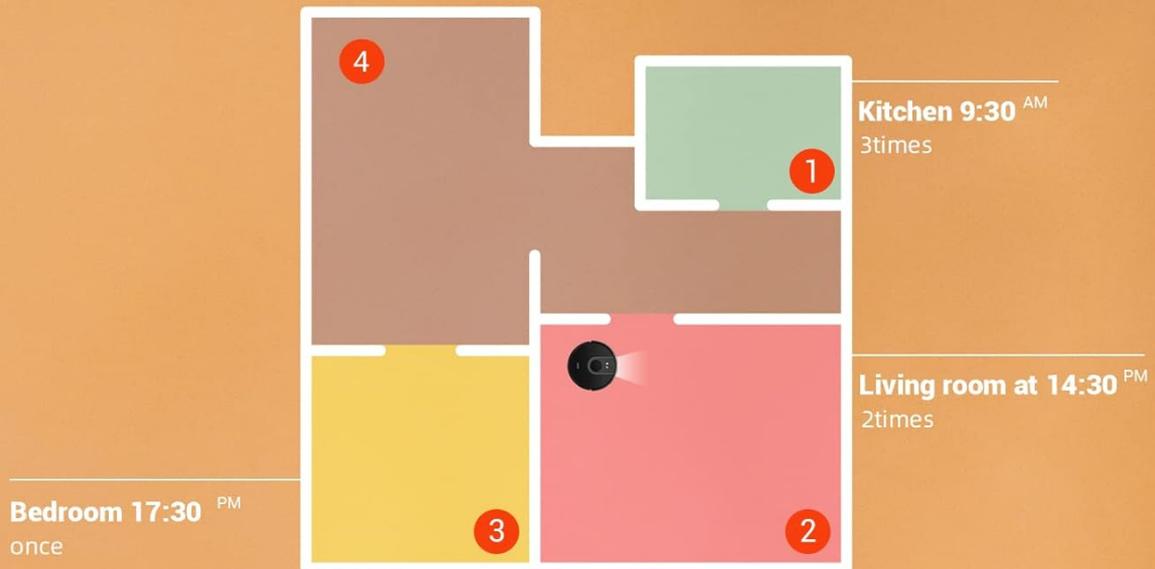


Image: An illustration demonstrating the Zigma robot vacuum's AI quick mapping capability, showing how it creates and divides a floor plan into distinct rooms for efficient cleaning.

## OPERATING INSTRUCTIONS

### 1. Basic Operation

- **Starting/Pausing Cleaning:** Press the power button on the robot or use the 'Start' button in the Zigma app to begin cleaning. Press again to pause. The robot will return to the charging dock automatically when cleaning is complete or battery is low.
- **Cleaning Modes:** The Zigma app allows selection of various cleaning modes, including Auto Clean, Spot Clean, Edge Clean, and Scheduled Clean. Select the mode best suited for your cleaning needs.

### 2. Advanced Features

- **AI Laser Navigation & Mapping:** The Spark 980 uses AI Laser Navigation 4.0 to create a real-time virtual map of your home. During its first cleaning cycle, it will map out your floor plan. This map is saved in the app for future use.
- **Multi-Map Management:** For multi-story homes, the robot supports storing an unlimited number of maps. You can switch between maps in the app to clean different floors.
- **Customizing Cleaning Areas:** In the Zigma app, you can define specific rooms, set 'No-Go Zones' (areas the robot should avoid), or create 'Invisible Walls' to restrict access to certain areas.
- **Voice Control Integration:** Connect your Spark 980 to Amazon Alexa, Google Assistant, or Apple Siri for convenient voice commands. For example, say "Hey Siri, let Spark clean the living room" to initiate cleaning.
- **Mopping Function:** To use the mopping function, fill the 360ml water tank with clean water (and a small amount of non-foaming detergent if desired). Attach the mopping pad and install the water tank into the robot. The app allows adjustment of water flow levels and selection of Y-shaped mopping for thorough cleaning.

## Designed for big house

「 Automatically switch the map to match 」

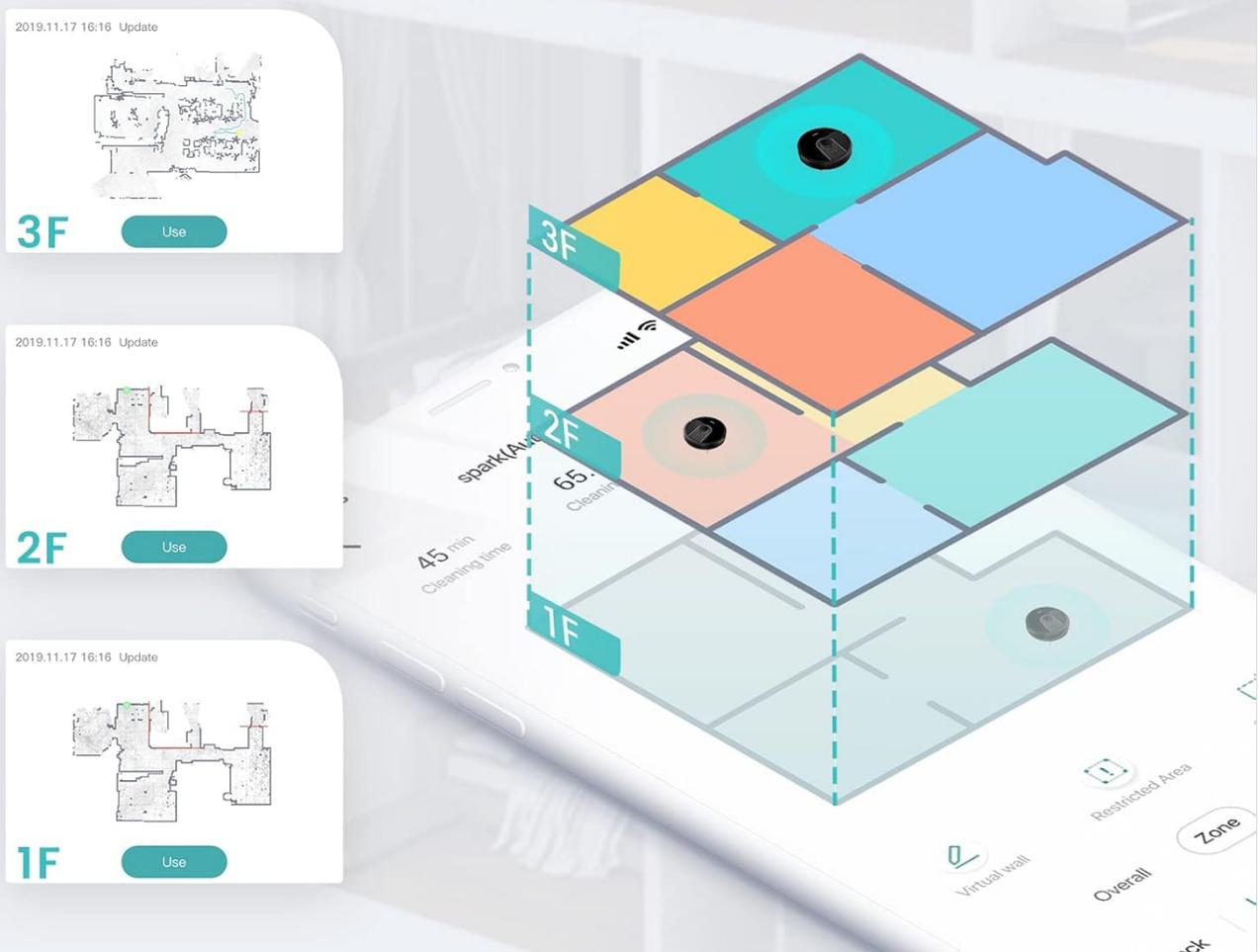


Image: A visual representation of the Zigma Spark 980's multi-map technology, showing how it can store and manage maps for different floors of a large house.

# 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 demonstrating voice control of the Zigma robot vacuum, with speech bubbles indicating compatibility with Siri, Google Assistant, and Alexa.

## MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your Zigma Spark 980. Perform these steps regularly:

- **Dustbin and Filter:** Empty the 600ml dustbin after each cleaning cycle. Remove the HEPA filter and primary filter, tap them to remove dust, and rinse if necessary (ensure completely dry before re-inserting).
- **Main Brush:** Regularly remove the main brush and clean any tangled hair or debris. Use the provided cleaning tool to cut and remove hair.
- **Side Brushes:** Check side brushes for wear or damage. Clean any tangled hair. Replace if bristles are bent or worn out.
- **Sensors:** Wipe the cliff sensors, wall sensors, and charging contacts with a clean, dry cloth to ensure optimal performance.
- **Water Tank and Mopping Pad:** After mopping, empty any remaining water from the tank and clean the

mopping pad. The pad can be hand-washed or machine-washed.

# 600ml Dustbin Ideal for Pet Family & Large Room



Image: A detailed view of the Zigma Spark 980's 600ml dustbin, highlighting its capacity for collecting pet hair, with three kittens positioned in front.

## TROUBLESHOOTING

If you encounter issues with your Zigma Spark 980, refer to the table below for common problems and their solutions:

Problem	Solution
Robot not charging	Ensure the charging dock is powered on and the robot is correctly aligned with the charging contacts. Clean the charging contacts on both the robot and the dock.
Robot stuck or lost	Clear obstacles from the robot's path. If the robot is lost, manually place it back on the charging dock or in a known area of the mapped space. Check the app for error messages.

Problem	Solution
Poor suction performance	Empty the dustbin. Clean or replace the HEPA filter. Check the main brush and side brushes for obstructions or wear.
Mopping not effective	Ensure the water tank is filled and correctly installed. Check if the mopping pad is clean and properly attached. Adjust water flow settings in the app.
App connectivity issues	Ensure your Wi-Fi network is 2.4GHz. Restart your router, robot, and smartphone. Re-pair the robot with the app if necessary.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Zigma
Model	Spark980
Dimensions (L x W x H)	33 x 30 x 9.5 cm (13 x 11.8 x 3.7 inches)
Weight	5 kg (11 lbs)
Suction Power	Up to 4000Pa
Noise Level	55 dB
Dustbin Capacity	600 ml
Water Tank Capacity	360 ml
Battery Type	Lithium-ion
Battery Life	Up to 140 minutes
Charging Time	Approx. 4-5 hours
Navigation	AI Laser Navigation 4.0
Filter Type	HEPA
Connectivity	Wi-Fi (2.4GHz), Zigma App
Voice Control	Amazon Alexa, Google Assistant, Apple Siri
Included Components	Robot Vacuum, Charging Dock, Power Adapter, Side Brushes, Main Brush, Dustbin, Water Tank, Mopping Pad, Cleaning Tool

## WARRANTY AND SUPPORT

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The Zigma Spark 980 Robot Vacuum and Mop comes with a **2-year warranty** from the date of purchase, covering manufacturing defects. For warranty claims, technical support, or spare parts, please contact Zigma customer service through the Zigma app or visit the official Zigma website.

For frequently asked questions and additional resources, please refer to the support section within the Zigma app.