Zigma S4

Zigma S4 Robot Vacuum Cleaner Instruction Manual

Brand: Zigma | Model: S4

1. INTRODUCTION

Thank you for choosing the Zigma S4 Robot Vacuum Cleaner. This intelligent device is designed to simplify your home cleaning routine with its powerful 6000Pa suction, efficient mopping function, and smart control options via app and voice assistants. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Zigma S4 to ensure optimal performance and longevity. Please read this manual thoroughly before first use and keep it for future reference.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included and in good condition. If any items are missing or damaged, please contact Zigma customer support.

Image Description: This image displays all components included in the Zigma S4 package. It shows the main robot vacuum unit, a remote control, a charging base, a power adapter, a 510ml dust box, a 350ml water tank, a HEPA filter, two side brushes, a mop pad, a cleaning brush, and the instruction manuals.

- Zigma S4 Robot Vacuum Cleaner
- Remote Control
- Charging Base
- Power Adapter
- 510ml Dust Box
- 350ml Water Tank
- HEPA Filter (1)
- Side Brushes (2)
- Mop Pad (1)
- Cleaning Brush
- Instruction Manual
- App User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the main components and features of your Zigma S4 Robot Vacuum Cleaner.

3.1. Main Unit

Image Description: This image shows the Zigma S4 robot vacuum cleaner from a top-down perspective, highlighting its circular white design with a central "CLEAN" button. The Zigma logo is visible on the top surface.

- **Top Cover:** Access to dust box/water tank.
- **"CLEAN" Button:** Start/pause cleaning, power on/off.
- **Bumper:** Houses collision sensors.
- **Side Brushes:** Sweep debris into the main brush path.
- **Main Brush:** Collects dust and debris from the floor.
- **Driving Wheels:** Allow movement across various surfaces.
- **Charging Contacts:** Connects to the charging base.
- **Sensors:** Anti-drop, anti-collision, wall-following sensors.

3.2. Dust Box and Water Tank

Image Description: This image illustrates the large capacities of the Zigma S4's dust box (510ml) and water tank (350ml), shown separately next to the robot vacuum. This highlights its suitability for larger homes.

- **510ml Dust Box:** For dry vacuuming, collects dust, dirt, and pet hair.
- **350ml Water Tank:** For mopping function, holds water for wet cleaning.
- *Note:* The dust box and water tank are separate units. For mopping, the dust box must be replaced with the water tank.

3.3. Suction Power

Image Description: This image visually represents the Zigma S4's deep cleaning capability with 6000Pa suction. It shows debris being powerfully drawn into the robot, with a scale indicating four adjustable suction levels: Quiet (1000Pa), Standard (2500Pa), Powerful (4000Pa), and Max (6000Pa).

The Zigma S4 features a super powerful 6000Pa suction, adjustable across four levels to suit different cleaning needs:

- **Quiet:** 1000 Pa
- **Standard:** 2500 Pa
- **Powerful:** 4000 Pa
- **Max:** 6000 Pa

4. SETUP

4.1. Preparing the Robot

1. **Remove Protective Materials:** Before first use, remove all protective films and transport strips from the robot, especially around the bumper and side brushes.
2. **Place Charging Base:** Position the charging base against a wall in an open, uncluttered area. Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front of the base. Plug in the power adapter.
3. **Initial Charge:** Place the robot on the charging base, ensuring the charging contacts align. Allow the robot to fully charge before its first cleaning cycle. A full charge can take several hours.
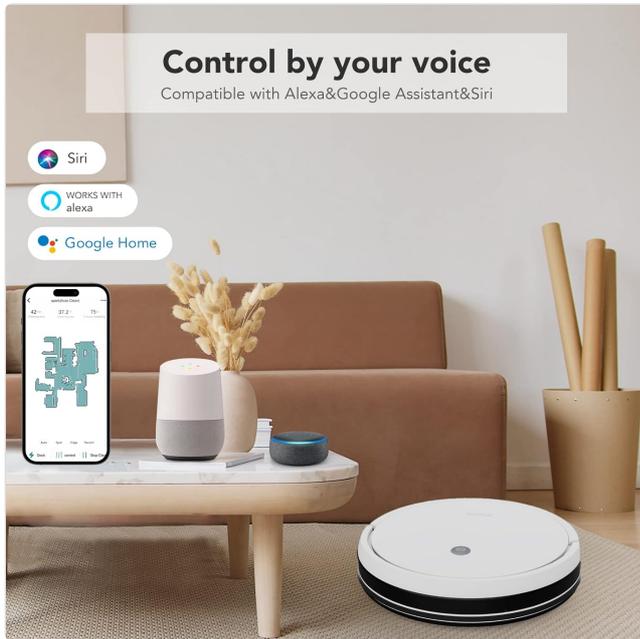
4.2. App Connection (Zigma APP)

The Zigma APP provides full control and access to advanced features.

1. **Download the App:** Search for "Zigma" in your smartphone's app store (iOS or Android) and download the

official Zigma APP.

2. **Register/Log In:** Open the app and create a new account or log in if you already have one.

3. **Add Device:** Follow the in-app instructions to add your Zigma S4. The app supports quick connection via Bluetooth.

4. **Connect to Wi-Fi:** Ensure your robot is connected to your home Wi-Fi network (2.4GHz only). This enables remote control and smart features.

4.3. Voice Control Integration

Image Description: This image shows the Zigma S4 robot vacuum in a living room setting, with icons indicating compatibility with Siri, Works with Alexa, and Google Home. A Google Home speaker and an Amazon Echo Dot are also visible, illustrating voice control capabilities.

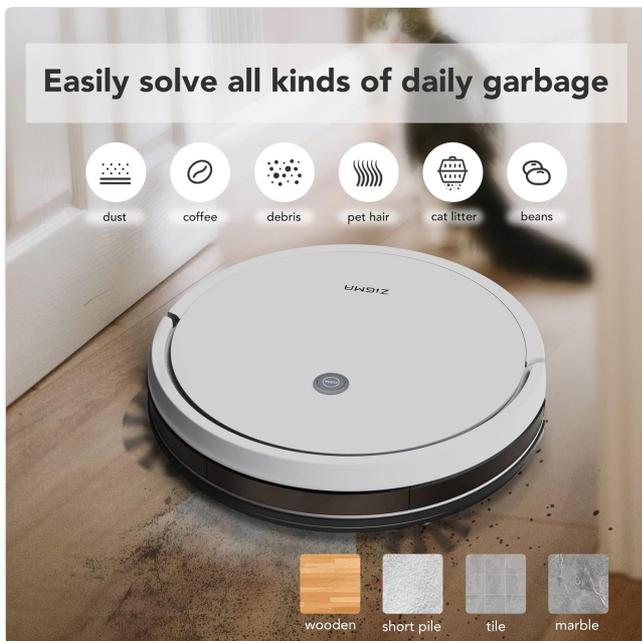The Zigma S4 can be controlled using voice commands via Alexa, Google Assistant, and Siri.

1. **Enable Zigma Skill/Service:** In your Alexa, Google Home, or Siri Shortcuts app, search for and enable the "Zigma" skill or service.

2. **Link Account:** Link your Zigma account to the voice assistant.

3. **Discover Devices:** Ask your voice assistant to discover new devices.

4. **Voice Commands:** You can now use commands like "Alexa, tell Zigma to start cleaning" or "Hey Google, ask Zigma to go home."

5. OPERATING INSTRUCTIONS

5.1. Starting a Cleaning Cycle

You can start a cleaning cycle using the robot's button, the remote control, or the Zigma APP.

- **On-Robot Button:** Press the "CLEAN" button on the robot once to start an automatic cleaning cycle. Press again to pause.

- **Remote Control:** Use the "Auto Clean" button on the remote control. The remote also allows for manual direction control.

- **Zigma APP:** Open the app, select your Zigma S4, and tap "Start Cleaning." The app offers various cleaning modes (Auto, Spot, Edge) and suction power adjustments.

Image Description: This image demonstrates the Zigma S4's ability to clean various types of daily garbage, including dust, coffee spills, debris, pet hair, cat litter, and beans. It also shows the robot effectively cleaning on different floor types such as wooden floors, short pile carpets, tiles, and marble.

5.2. Mopping Function

The Zigma S4 can mop hard floors.

1. **Prepare Water Tank:** Fill the 350ml water tank with clean water. Do not use cleaning solutions that may clog the nozzles.
2. **Attach Mop Pad:** Securely attach the mop pad to the bottom of the water tank.
3. **Replace Dust Box:** Remove the dust box from the robot and insert the filled water tank until it clicks into place.
4. **Start Mopping:** Initiate a cleaning cycle via the app or remote. The robot will automatically switch to mopping mode.
5. **Empty After Use:** After mopping, empty any remaining water from the tank and clean the mop pad.

5.3. Navigation and Coverage

Image Description: This image depicts the Zigma S4 robot vacuum with an overlay illustrating its internal gyroscope navigation chip. Text indicates that this technology provides more accurate and efficient path planning, covering a 1508 sq ft cleaning area and offering 140 minutes of runtime.

The Zigma S4 utilizes intelligent gyroscope navigation to plan its cleaning path, increasing cleaning efficiency by approximately 33%. It will automatically return to its charging station when the battery is low or cleaning is complete.

- **Obstacle Detection:** Equipped with 21 sets of infrared sensors, the robot significantly reduces collisions with furniture and avoids drops from stairs.
- **Path Planning:** The gyroscope system ensures systematic cleaning, covering areas efficiently. Note that this model does not support map saving or room subdivision.

6. MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your Zigma S4.

6.1. Emptying the Dust Box

- **Frequency:** Empty the 510ml dust box after each cleaning cycle or when the "Dust Box Full" indicator appears in the app.
- **Procedure:** Open the top cover of the robot, remove the dust box, open its lid, and empty the contents into a trash bin.

6.2. Cleaning Filters

- **HEPA Filter:** Tap the HEPA filter gently to remove dust. Do not wash the HEPA filter with water. Replace every 3-6 months depending on usage.
- **Sponge Filter:** The sponge filter can be rinsed with water. Ensure it is completely dry before reinserting.

6.3. Cleaning Brushes

- **Main Brush:** Remove the main brush cover and the main brush. Use the provided cleaning brush to remove hair and debris tangled around the brush and its bearings. Clean weekly.
- **Side Brushes:** Check side brushes for tangled hair or debris. If damaged, replace them. Clean monthly.

6.4. Cleaning Sensors and Charging Contacts

- **Sensors:** Gently wipe all sensors (anti-drop, anti-collision, wall-following) on the robot's underside and bumper with a clean, dry cloth. Clean monthly.
- **Charging Contacts:** Wipe the charging contacts on both the robot and the charging base with a dry cloth to ensure good connection. Clean monthly.

6.5. Cleaning the Water Tank and Mop Pad

- **Water Tank:** After each mopping session, empty any remaining water and rinse the tank thoroughly. Allow it to air dry.
- **Mop Pad:** Remove the mop pad and wash it by hand or machine. Allow it to air dry completely before reattaching.

7. TROUBLESHOOTING

If your Zigma S4 encounters issues, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Robot does not turn on or charge.	Battery depleted; charging contacts dirty; power adapter not connected.	Ensure robot is properly placed on charging base. Clean charging contacts. Check power adapter connection.
Robot gets stuck frequently.	Obstacles (cables, rugs); anti-drop sensors dirty.	Clear obstacles from cleaning path. Clean anti-drop sensors.
Poor suction performance.	Dust box full; filter clogged; main brush tangled.	Empty dust box. Clean/replace filter. Clean main brush.
Mopping function not working.	Water tank empty; mop pad not attached; water outlet clogged.	Fill water tank. Attach mop pad correctly. Clean water tank nozzles.
Robot cannot find charging base.	Charging base obstructed; robot too far from base.	Ensure clear path to charging base. Manually place robot closer to base.
Robot makes unusual noise.	Main brush or side brushes tangled; foreign object in vacuum path.	Inspect and clean main/side brushes. Check for and remove any foreign objects.

If the problem persists after trying these solutions, please contact Zigma customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Zigma
Model Number	S4
Color	White
Dimensions (L x W x H)	31.5 x 31.5 x 7.62 cm (12.4 x 12.4 x 3 inches)
Item Weight	4.31 Kilograms (9.5 lbs)
Suction Power	Up to 6000 Pa (adjustable)
Dust Box Capacity	510 Milliliters
Water Tank Capacity	350 Milliliters
Battery Type	Lithium-ion
Voltage	14.4 Volts
Runtime	Up to 140 minutes
Navigation Type	Gyroscope Navigation

Feature	Specification
Special Features	Pet hair brush, charging station, hard floor brush, HEPA filter, App control, Voice control (Alexa/Google Assistant/Siri)

9. WARRANTY AND SUPPORT

Your Zigma S4 Robot Vacuum Cleaner comes with a **12-month worry-free warranty**.

For any questions, technical assistance, or warranty claims, please do not hesitate to contact Zigma customer support. Our dedicated support team is available to assist you.

Please refer to the contact information provided in the App User Manual or visit the official Zigma website for the most up-to-date support details.