

XIAOMI S40 Pro

Xiaomi Robot Vacuum S40 Pro User Manual

Model: S40 Pro

1. PRODUCT OVERVIEW

The Xiaomi Robot Vacuum S40 Pro is an intelligent cleaning device designed to automate floor maintenance. It combines powerful vacuuming with effective mopping capabilities, utilizing advanced navigation and smart features for comprehensive home cleaning.



Image 1.1: The Xiaomi Robot Vacuum S40 Pro and its charging base. This image displays the top-down view of the white circular robot vacuum cleaner next to its compact white charging dock.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- Xiaomi Robot Vacuum S40 Pro
- Charging Base
- Power Adapter
- Cleaning Brush
- Water Tank (pre-installed or separate)
- Mop Pad (pre-installed or separate)
- Side Brushes (pre-installed or separate)
- User Manual (this document)

3. SETUP GUIDE

3.1 Charging Base Placement

Place the charging base against a wall in an open area, ensuring there are no obstacles within 0.5 meters (1.6 feet) to either side and 1.5 meters (4.9 feet) in front. Connect the power adapter to the charging base and plug it into a power outlet.



Image 3.1: The robot vacuum docked at its charging base in a home environment. The charging base is positioned against a light-colored wall, with the robot vacuum neatly connected to it on a wooden floor.

3.2 Initial Charging

Place the robot vacuum onto the charging base. Ensure the charging contacts on the robot align with those on the base. The indicator light on the robot will illuminate, indicating it is charging. For optimal battery life, fully charge the robot before its first use.

3.3 Xiaomi Home App Connection

1. Download the **Xiaomi Home** app from your device's app store (Google Play Store or Apple App Store).
2. Open the app and create an account or log in.
3. Tap the "+" icon in the top right corner to add a device.
4. Select the "Xiaomi Robot Vacuum S40 Pro" from the list of available devices.
5. Follow the on-screen instructions to connect the robot to your Wi-Fi network. Ensure your phone is connected to a 2.4GHz Wi-Fi network during setup.



Image 3.2: A user interacting with the Xiaomi Home app on a smartphone to control the robot vacuum. The app interface shows various cleaning modes and settings, while the robot vacuum operates in the background on a wooden floor.

4. OPERATING INSTRUCTIONS

4.1 Starting and Pausing Cleaning

- **Via Robot:** Press the power button on the robot once to start or pause cleaning.
- **Via App:** Open the Xiaomi Home app, select your S40 Pro, and tap the "Start" or "Pause" button.

4.2 Cleaning Modes

The S40 Pro supports various cleaning modes, configurable through the Xiaomi Home app:

- **Vacuum Only:** For dry debris collection.
- **Mop Only:** For wet cleaning (requires water tank and mop pad).
- **Vacuum & Mop:** Simultaneous vacuuming and mopping.
- **Spot Cleaning:** Cleans a specific small area intensively.
- **Zone Cleaning:** Cleans user-defined areas on the map.

4.3 Smart Navigation and Obstacle Avoidance

The robot uses a 129-degree wide-angle LiDAR scanning system for precise mapping and efficient route planning. It can detect and navigate around obstacles, and its auto-extending side brushes ensure thorough edge cleaning.



Image 4.1: The robot vacuum operating on a rug, with blue arrows illustrating its powerful suction capability. This highlights the cleaning mechanism of the device.



Image 4.2: The robot vacuum navigating around various household objects like slippers and books, demonstrating its obstacle

avoidance feature. Blue lines illustrate its intelligent path planning.

4.4 Carpet Detection

The S40 Pro can detect carpets and automatically adjust its suction power for deeper cleaning. When mopping, it may avoid carpets to prevent wetting them, depending on the selected mode and settings.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum.

5.1 Dustbin and Filter Cleaning

1. Open the top cover of the robot and remove the dustbin.
2. Empty the dustbin contents into a trash receptacle.
3. Remove the filter from the dustbin. Tap the filter gently to remove dust. Do not wash the HEPA filter with water.
4. Reinstall the filter and dustbin.

5.2 Water Tank and Mop Pad Maintenance

1. Remove the water tank from the robot.
2. Empty any remaining water and rinse the tank.
3. Detach the mop pad. Hand wash or machine wash the mop pad and allow it to air dry completely.
4. Refill the water tank with clean water and reattach the mop pad before reinserting into the robot.



Image 5.1: An illustrative diagram showing the internal components of the robot vacuum, specifically the dustbin and water tank, in an exploded view. This helps visualize how to remove and clean these parts.

5.3 Brush Cleaning

- **Main Brush:** Turn the robot over. Remove the main brush cover and then the main brush. Use the provided cleaning tool to cut and remove tangled hair.
- **Side Brushes:** Check side brushes for tangled hair or debris. If necessary, remove them by unscrewing and clean.

5.4 Sensor Cleaning

Wipe all sensors (cliff sensors, wall sensors, charging contacts) with a soft, dry cloth to ensure proper operation. Dirty sensors can affect navigation and charging.

6. TROUBLESHOOTING

If you encounter issues with your Xiaomi Robot Vacuum S40 Pro, refer to the following common problems and solutions:

- **Robot does not turn on:** Ensure the battery is charged. Place the robot on the charging base.
- **Robot does not charge:** Check if the charging base is powered on and the charging contacts on both the robot and base are clean and aligned.
- **Robot gets stuck frequently:** Clear obstacles from the cleaning path. Ensure the robot's sensors are clean.
- **Poor cleaning performance:** Empty the dustbin, clean the main brush, side brushes, and filter. Check if the water tank is filled and mop pad is clean for mopping.
- **App connection issues:** Ensure your Wi-Fi network is 2.4GHz. Restart your router, phone, and robot. Try re-pairing the device in the app.
- **Unusual noises:** Check main brush and side brushes for tangled hair or foreign objects.

For persistent issues, consult the Xiaomi Home app for further diagnostics or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand Name	XIAOMI
Model Name	S40 Pro
Surface Recommendation	Hard Floor, Carpet
Special Features	Anti-Tangle Brush, App Control, Extendable Side Brushes, Obstacle Climbing (20mm), Smart Carpet Detection
Color	White
Item Dimensions L x W x H	10L x 10W x 10H centimeters
Controller Type	Mobile Application
Included Components	Charging Base, Cleaning Brush, Robot Vacuum
Voltage	14.4 Volts
Item Weight	20 Grams




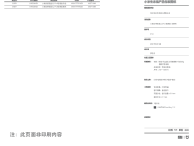


8. WARRANTY AND SUPPORT

The Xiaomi Robot Vacuum S40 Pro comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period

and coverage details.

For technical support, service, or warranty claims, please contact Xiaomi customer service through their official website or the Xiaomi Home app. You can also visit the official [Xiaomi Store on Amazon](#) for product information and support resources.

Related Documents - S40 Pro

	<p>Xiaomi Robot Vacuum S10 User Manual</p> <p>User manual for the Xiaomi Robot Vacuum S10, providing safety instructions, product overview, setup guide, usage instructions, care and maintenance, troubleshooting, specifications, and regulatory information.</p>
	<p>Xiaomi Robot Vacuum S40 Pro - Uživatelská příručka</p> <p>Uživatelská příručka pro robotický vysavač Xiaomi Robot Vacuum S40 Pro. Obsahuje informace o produktu, nastavení a údržbě.</p>
	<p>Xiaomi Mi Robot Vacuum-Mop 2 Pro (MJST1SHW) User Manual</p> <p>User manual for the Xiaomi Mi Robot Vacuum-Mop 2 Pro (MJST1SHW). Covers safety, setup, operation, maintenance, troubleshooting, and specifications for this robotic vacuum cleaner.</p>
	<p>Xiaomi Mi Robot Vacuum-Mop 2 Pro User Manual</p> <p>User manual for the Xiaomi Mi Robot Vacuum-Mop 2 Pro, covering setup, operation, maintenance, and troubleshooting for this smart robotic vacuum cleaner.</p>
	<p>Mi Robot Vacuum-Mop 2 Pro User Manual</p> <p>User manual for the Xiaomi Mi Robot Vacuum-Mop 2 Pro (Model MJST1SHW), detailing setup, operation, maintenance, safety instructions, troubleshooting, and specifications for this smart home cleaning device.</p>
	<p>Mi Robot Vacuum-Mop Essential User Manual</p> <p>Comprehensive user manual for the Xiaomi Mi Robot Vacuum-Mop Essential, covering safety guidelines, product overview, app connectivity, usage instructions, maintenance, troubleshooting, and technical specifications.</p>