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› Xiaomi H50 Pro Robot Vacuum and Mop Cleaner User Manual

XIAOMI H50 Pro

Xiaomi H50 Pro Robot Vacuum and Mop Cleaner User Manual

Model: H50 Pro

INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Xiaomi H50 Pro Robot Vacuum and Mop Cleaner. The Xiaomi H50 Pro is designed to offer advanced cleaning for various floor types, featuring powerful suction, intelligent navigation, and automated maintenance. Please read this manual thoroughly before operating the device and retain it for future reference.



Image: Xiaomi H50 Pro Robot Vacuum and Mop Cleaner with its all-in-one station.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Xiaomi H50 Pro Robot Vacuum and Mop Cleaner
- All-in-One Docking Station
- Power Adapter
- Main Brush
- Side Brush
- Mop Pads (2x)
- Dust Bag (pre-installed in station)
- Filter (pre-installed in robot)
- Instruction Guide (this manual)

Sollevamento automatico dei panni per lavaggio



Sollevamento del panno per lavaggio di circa 10,5 mm sui tappeti



Sollevamento dei panni per lavaggio durante il ritorno alla stazione base



Image: The all-in-one docking station for the Xiaomi H50 Pro, showing its compact design.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Do not allow children to operate the robot.
- Ensure the power adapter is compatible with your local voltage.
- Do not use the robot on wet surfaces or to clean liquids.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not operate the robot in areas with open flames or flammable materials.
- Regularly check for and remove any objects that could tangle the brushes.

SETUP

1. Docking Station Placement

Place the all-in-one docking station against a wall in an open area, ensuring at least 0.5 meters of clear space on both sides and 1.5 meters in front. Connect the power adapter to the station and plug it into a power outlet.

2. Initial Charging

Place the robot onto the docking station. Ensure the charging contacts align. The robot will begin charging automatically. Allow the robot to fully charge before its first use.

3. App Installation and Pairing

1. Download the "Xiaomi Home" app from your smartphone's app store.
2. Open the app and create an account or log in.
3. Tap the "+" icon to add a new device.
4. Follow the on-screen instructions to connect your Xiaomi H50 Pro to your home Wi-Fi network and pair it with the app.

4. Initial Mapping

Once paired, initiate a full cleaning cycle from the app. The robot will navigate your home to create a detailed map. Ensure all doors are open and obstacles are cleared during this initial mapping process for optimal results.



Image: The Xiaomi Home app interface showing various control options for the robot vacuum.

OPERATING INSTRUCTIONS

Starting a Cleaning Cycle

- **Via App:** Open the Xiaomi Home app, select your H50 Pro, and tap "Start Cleaning". You can customize cleaning modes, areas, and schedules.
- **Via Robot Buttons:** Press the power button on the robot to start a standard cleaning cycle. Press again to pause.
- **Voice Control:** The robot is compatible with Google Home and Alexa. Use commands like "Alexa, start cleaning" or "OK Google, start cleaning."

Aggiramento millimetrico degli ostacoli^{11,12}



Aggiramento millimetrico degli ostacoli



Previsione delle aree con altezza di passaggio ridotta



Rilevamento della distanza dai bordi



Rilevamento anti-caduta



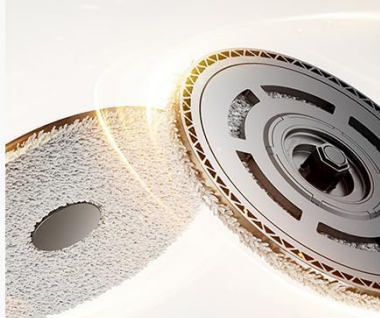
Image: The Xiaomi H50 Pro robot vacuum being controlled via voice commands using Google Home and Alexa.

Cleaning Modes and Features

- **Vacuuming:** The robot features an ultra-high suction power of 15,000 Pa for effective removal of dust, dirt, crumbs, and pet hair from various surfaces.
- **Mopping:** Dual rotating mop pads provide high-speed scrubbing for thorough floor cleaning. The robot automatically lifts the mop pads by 10.5mm when detecting carpets or returning to the base station.
- **Vacuum & Mop:** A combined mode for simultaneous vacuuming and mopping.
- **Edge Cleaning:** Dual robotic arms extend to clean corners and edges, achieving 0mm distance from walls for comprehensive coverage.
- **Obstacle Avoidance:** Advanced sensors and structured light at 129° enable precise obstacle avoidance, preventing collisions with furniture and other objects.
- **Carpet Recognition:** The robot intelligently detects carpets, automatically increasing suction power and lifting mop pads to prevent wetting.

Stazione base all-in-one

Asciugatura ad
aria calda



Sistema
autopulente



Raccolta automatica
della polvere



Image: Illustration of the Xiaomi H50 Pro's powerful 15,000 Pa suction, effectively removing debris.

Panni per lavaggio doppi per
una pulizia a rotazione ad alta
velocità

180_{giri/min}

Lavaggio a rotazione ad alta velocità



Image: The robot's dual rotating mop pads for high-speed scrubbing, ensuring thorough cleaning.

Controllo personalizzato tramite l'app Xiaomi Home



Pulizia delle aree
designate intorno ai mobili



Display dello stato di
avanzamento della pulizia



Report sulla pulizia
intelligente



4 modalità di pulizia



4 opzioni di pulizia
dei tappeti



3 frequenze di lavaggio con
panni per lavaggio regolabili



2 preferenze di pulizia
dei panni per lavaggio



3 frequenze di svuotamento
della polvere regolabili



Image: The Xiaomi H50 Pro demonstrating its precise obstacle avoidance capabilities, navigating around toys.

MAINTENANCE

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

All-in-One Station Maintenance

- **Automatic Mop Washing & Hot Air Drying:** The station automatically washes and hot-air dries the mop pads after each cleaning cycle, preventing odors and bacterial growth.
- **Automatic Dust Emptying:** The robot automatically empties its dustbin into a large dust bag in the station, which can hold up to 75 days of debris. Replace the dust bag when full.
- **Water Tanks:** The station has separate clean and dirty water tanks. Ensure the clean water tank is filled before mopping cycles. Empty the dirty water tank regularly. The 4L clean water tank can cover up to 240 m² on a single fill.
- **Cleaning the Station:** Periodically clean the base of the docking station where the mop pads are washed. Use a brush or cloth to remove accumulated dirt and debris.



Image: Overview of the all-in-one station's features, including hot air drying, self-cleaning system, and automatic dust collection.

Robot Component Maintenance

- **Main Brush:** The main brush features a "Y"-shaped comb tooth design and a double-ended anti-tangle spiral brush to reduce hair entanglement. Regularly remove hair and debris from the main brush.
- **Side Brush:** Check and clean the side brush periodically. Replace if worn.
- **Mop Pads:** Although automatically washed, inspect mop pads for excessive wear or damage. Replace as needed.
- **Filter:** Clean the filter regularly by tapping out dust. Replace the filter every few months, depending on usage.
- **Sensors:** Wipe the robot's sensors with a soft, dry cloth to ensure accurate navigation and obstacle detection.

Aggiramento millimetrico degli ostacoli



Luce strutturata
a 129°



Previsione delle aree
con altezza di
passaggio ridotta



Rilevamento della
distanza dai bordi



Rilevamento
anti-caduta



Image: Close-up of the Xiaomi H50 Pro's anti-tangle main brush and side brush, designed to minimize hair entanglement.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not start or respond.	Low battery; power switch off; robot stuck.	Ensure robot is charged. Check power switch. Clear any obstructions.
Poor cleaning performance.	Full dustbin; tangled brushes; dirty filter; worn mop pads.	Empty dustbin. Clean main and side brushes. Clean/replace filter. Replace mop pads.
Robot cannot connect to Wi-Fi.	Incorrect Wi-Fi password; router too far; 5GHz network.	Verify password. Move robot closer to router. Ensure 2.4GHz network is used. Reset Wi-Fi on robot and re-pair.

Problem	Possible Cause	Solution
Mop pads leave streaks or odors.	Dirty water tank full; mop pads need manual cleaning; no detergent.	Empty dirty water tank. Manually clean mop pads. Use a non-foaming floor cleaner in the clean water tank (check manufacturer guidelines).
Robot gets stuck frequently.	Obstacles; dark surfaces; dirty sensors.	Clear cables, rugs, and small objects. Clean all sensors. Define "no-go" zones in the app for problematic areas.

SPECIFICATIONS

Feature	Detail
Brand	XIAOMI
Model Name	H50 Pro
Suction Power	15,000 Pa
Battery Life	Up to 120 minutes
Battery Type	Lithium-ion (14.4 Volts)
Clean Water Tank Capacity	4 Liters
Recommended Surfaces	Tile, Hard Floors, Carpets
Special Features	Anti-fall, Anti-collision, Automatic Mop Washing, Advanced Custom Cleaning, Automatic Dust Collection, Mop Lifting
Control Type	Button Control, App Control (Xiaomi Home), Voice Control (Google Home, Alexa)
Dimensions (L x W x H)	35L x 35.3W x 9.3H cm
Weight	10.6 Kilograms
Noise Level	65 Decibels
Included Components	Docking station, Filter, Instruction Guide, Mop Pad, Dusting Brush

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Xiaomi website. If you encounter any issues or require technical assistance, please contact Xiaomi customer support. You may also refer to the "Dichiarazione sulla trasparenza dei dati (PDF)" document available online for additional information.

Online Resources:

- Official Xiaomi Website: www.mi.com

- Amazon Product Page: [Product Link](#)