

## Midea M3L

# Midea Robot Vacuum M3L Instruction Manual

Model: M3L

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Midea Robot Vacuum M3L. Please read this manual thoroughly before operating the device and retain it for future reference.

The Midea Robot Vacuum M3L is designed to provide efficient and comprehensive floor cleaning. It features a 3-stage cleaning process that includes sweeping, vacuuming, and mopping, ensuring thorough removal of dirt and debris from various floor types.

## 2. PRODUCT OVERVIEW

The Midea M3L robot vacuum is equipped with advanced features for autonomous cleaning:

- **High Suction Power:** Delivers 3000 PA suction for effective removal of hair, dust, and small particles.
- **Extended Battery Life:** Operates for up to 150 minutes on a single charge, covering large areas.
- **Automatic Recharging:** The robot automatically returns to its charging base when the battery is low.
- **Intelligent Navigation:** Utilizes mapping technology to learn home layouts and plan efficient cleaning paths.
- **Obstacle Avoidance:** Equipped with 360° sensors to detect and navigate around obstacles.
- **Cliff Sensors:** Built-in anti-drop sensors prevent the robot from falling down stairs.
- **Multiple Cleaning Modes:** Offers Edge, Auto, and Spot cleaning modes to suit different needs.
- **Remote Control:** Includes a user-friendly remote for basic operation and scheduling.
- **App Control:** Compatible with a mobile application for advanced features like setting no-go zones and customized cleaning schedules.
- **Climbing Ability:** Can climb over obstacles up to 21mm, such as carpets or cords.

## 3. SETUP

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### 3.1 Unpacking

Carefully remove all components from the packaging. Ensure all accessories are present:

- Midea Robot Vacuum M3L
- Charging Base
- Power Adapter
- Remote Control
- Side Brushes
- Cleaning Tool
- User Manual

### 3.2 Charging Base Placement

Place the charging base against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to the front and 0.5 meters (1.5 feet) to the sides. Connect the power adapter to the charging base and plug it into a power outlet.

### 3.3 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 show charging status. For first-time use, charge the robot for at least 6 hours to ensure optimal battery performance.

# Self-Recharging

Go back to the charging base automatically when battery is low.



**Image: Self-Recharging.** The robot vacuum automatically returns to its charging base when its battery level is low, ensuring it is always ready for the next cleaning cycle.

## 3.4 Remote Control Battery Installation

Open the battery compartment on the back of the remote control and insert two AAA batteries (not included), observing the correct polarity. Close the compartment.

## 3.5 Mobile Application Setup (Optional)

Download the Midea app from your smartphone's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. This enables advanced control features.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

Press and hold the power button on the robot for a few seconds to turn it on or off. A voice prompt will confirm the action.

## 4.2 Starting a Cleaning Cycle

Press the 'Clean' button on the robot or the remote control to start an automatic cleaning cycle. The robot will begin cleaning in Auto Mode.

## 4.3 Cleaning Modes

The Midea M3L offers several cleaning modes to address different cleaning needs:



**Image: Multiple Cleaning Modes.** The robot vacuum supports Edge Mode for cleaning along walls, Auto Mode for general area cleaning, and Spot Mode for concentrated cleaning of specific dirty areas.

- **Auto Mode:** The robot cleans in an organized, systematic pattern to cover the entire floor area.
- **Edge Mode:** The robot cleans along walls and furniture edges to ensure thorough cleaning of corners and perimeters.
- **Spot Mode:** The robot cleans a specific area in a spiral pattern, ideal for concentrated dirt or spills.

Select the desired mode using the remote control or the mobile application.

## 4.4 Using the Remote Control



# Remote Control

Steer the machine to a particular area  
or make a cleaning appointment



**Image: Remote Control.** The included remote control allows users to steer the robot to a particular area, select cleaning modes, or set cleaning appointments.

The remote control allows you to:

- Start/Pause cleaning
- Send the robot back to the charging base
- Select cleaning modes (Auto, Edge, Spot)
- Set cleaning schedules
- Manually control the robot's direction

## 4.5 Obstacle Avoidance and Cliff Sensors

# Anti-Collision Sensors

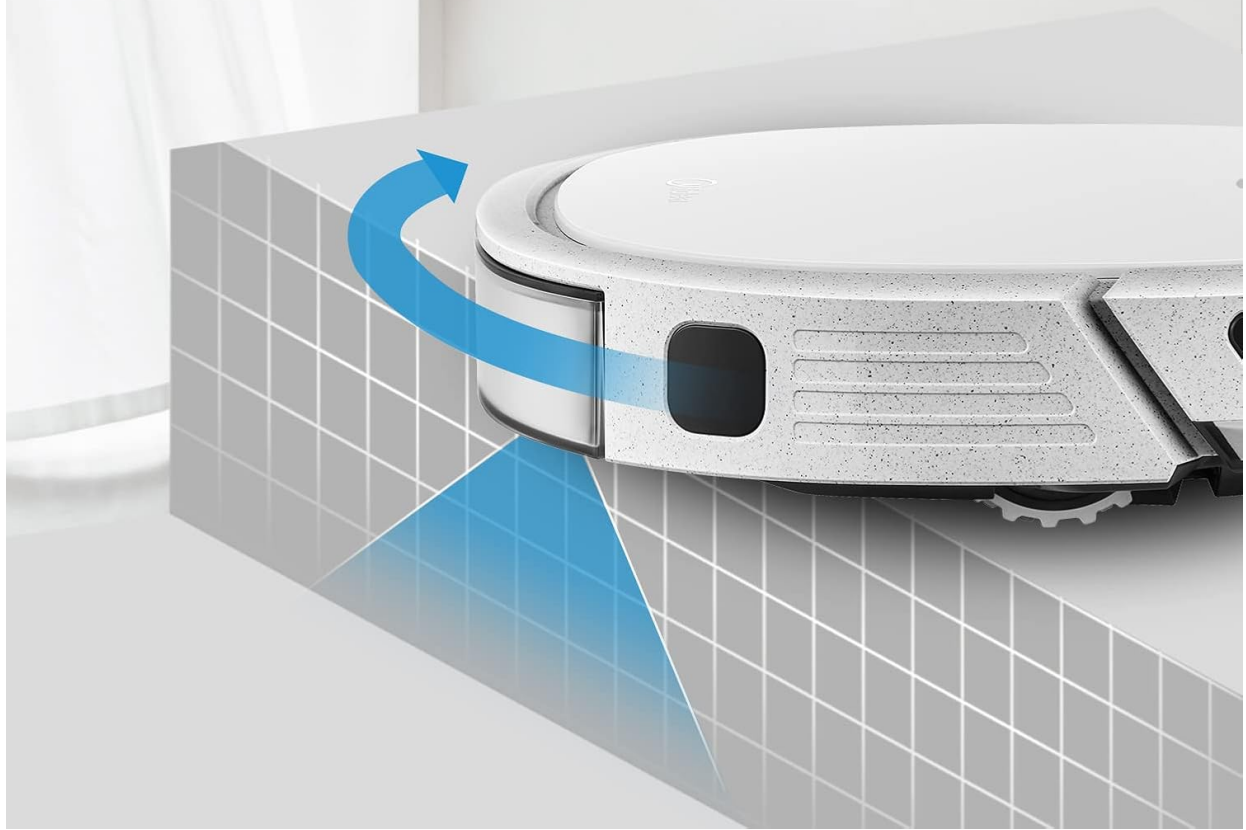
Protect robot and furniture  
from being collided



**Image: Anti-Collision Sensors.** The robot vacuum is equipped with sensors to detect and avoid collisions with furniture and other objects, protecting both the robot and your home.

# Smart Cliff Sensors

Anti-drop sensors built on the bottom to avoid dropping from the stairs



**Image: Smart Cliff Sensors.** Anti-drop sensors located on the bottom of the robot prevent it from falling off ledges or stairs, ensuring safe operation.

The robot is designed to detect and avoid obstacles. Its anti-collision sensors help protect furniture and the robot itself. Smart cliff sensors on the underside prevent the robot from falling down stairs or off elevated surfaces.

## 4.6 Climbing Ability



# Climbing Ability

Climb up onto carpets or rugs, and over cords and other barriers that get in its way.



**Image: Climbing Ability.** The robot vacuum can navigate over small obstacles such as carpets, rugs, and floor transitions up to 21mm in height.

The Midea M3L can climb over obstacles up to 21mm high, allowing it to transition between different floor types and navigate over small rugs or cords.

## 4.7 Quiet Operation





## Cleaning in Quietness

**Image: Cleaning in Quietness.** The Midea M3L is designed to operate with minimal noise, allowing for cleaning without significant disturbance to household activities.

The robot vacuum is engineered for quiet operation, minimizing disruption during cleaning cycles.

## 5. MAINTENANCE

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

### 5.1 Emptying the Dustbin

After each cleaning cycle, or when indicated, remove the dustbin and empty its contents into a trash receptacle. Rinse the dustbin with water if necessary, ensuring it is completely dry before reinserting.

### 5.2 Cleaning Brushes

Regularly inspect and clean the main brush and side brushes. Use the provided cleaning tool to remove tangled hair or debris. Replace brushes if they show signs of wear.

### 5.3 Cleaning Filters

Remove the filter from the dustbin and tap it gently to remove dust. For thorough cleaning, rinse the filter under running water. Allow it to air dry completely before reinstallation. Replace filters every 3-6 months, depending on usage.

### 5.4 Cleaning Sensors

Wipe the anti-collision sensors, cliff sensors, and charging contacts with a clean, dry cloth to ensure they remain free of dust and debris, which can affect navigation and charging.

### 5.5 Mopping Pad Maintenance

If using the mopping function, remove and clean the mopping pad after each use. Wash it with water and mild detergent, then allow it to air dry. Replace the pad when it becomes worn or loses effectiveness.

## 6. TROUBLESHOOTING

If you encounter issues with your Midea Robot Vacuum M3L, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed long enough	Charge the robot; Press and hold the power button for 3 seconds
Robot does not charge	Charging contacts dirty; Charging base not powered; Robot not properly aligned	Clean charging contacts; Ensure charging base is plugged in; Realign robot on base
Robot gets stuck frequently	Too many obstacles; Brushes tangled	Clear floor of loose cables/small objects; Clean main and side brushes
Poor cleaning performance	Dustbin full; Filter clogged; Brushes worn or dirty	Empty dustbin; Clean/replace filter; Clean/replace brushes
Robot falls down stairs	Cliff sensors dirty or blocked	Clean cliff sensors with a dry cloth

If the problem persists, please contact Midea customer support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Midea
Model	M3L
Dimensions (Package)	46.5 x 41.29 x 13.2 cm

Feature	Specification
Product Weight	4.26 kg
Suction Power	3000 PA
Battery Life	Up to 150 minutes (2.5 hours)
Control Methods	Remote Control, Mobile Application
Special Features	Wireless, Anti-collision sensors, Smart cliff sensors, Self-recharging, Climbing ability (21mm)
Compatible Devices	Smartphone
Components Included	Remote Control

## 8. WARRANTY INFORMATION

The Midea Robot Vacuum M3L comes with a manufacturer's warranty. Please refer to the warranty card included in the product packaging or visit the official Midea website for detailed terms and conditions regarding warranty coverage and duration.

## 9. SUPPORT

For further assistance, technical support, or service inquiries, please contact Midea customer support through their official website or the contact information provided in your product documentation. You can also visit the [Midea Brand Store on Amazon](#) for additional product information.