

MEDION MD 18501

MEDION Robot Vacuum Cleaner with Mop Function

Model: MD 18501

User Manual

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your MEDION MD 18501 Robot Vacuum Cleaner with Mop Function. Please read this manual thoroughly before using the device and keep it for future reference.

The MEDION MD 18501 is designed to clean various floor types, including hard floors, tiles, laminate, and low-pile carpets, offering both vacuuming and mopping capabilities.

2. SAFETY INSTRUCTIONS

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

- Do not operate the robot vacuum cleaner near open flames or heat sources.
- Ensure the charging station is placed on a flat, stable surface and away from water.
- Do not allow children or pets to play with the robot vacuum cleaner.
- Do not use the device to pick up large debris, sharp objects, or liquids.
- Regularly check the power cord and plug for damage. If damaged, do not use the device.
- Unplug the device from the power outlet before cleaning or performing maintenance.
- The robot vacuum cleaner is equipped with anti-drop sensors. However, for stairs or elevated areas, it is recommended to use the virtual wall or a physical barrier to prevent falls.

3. PACKAGE CONTENTS

Carefully unpack all items and ensure you have received the following components:

- MEDION MD18501 Robot Vacuum Cleaner with Mop Function
- Remote Control (incl. 2 x AAA batteries)
- Charging Station
- Power Adapter
- 2 x Filters (1 pre-installed, 1 spare)
- 2 x Side Brushes (1 set pre-installed, 1 spare set)
- 2 x Spare Side Brushes
- Cleaning Brush
- Water Tank
- Mop Holder
- 2 x Cleaning Cloths
- Virtual Wall (incl. 2 x AA batteries)



Image: Overview of all included accessories and the MEDION MD 18501 robot vacuum cleaner.

4. PRODUCT OVERVIEW

Familiarize yourself with the main parts of your robot vacuum cleaner.



Image: The MEDION MD 18501 robot vacuum cleaner and its detachable mop cloth.

Dimensions



Image: Product dimensions and internal components like the dustbin and water tank.

The robot vacuum cleaner has a diameter of 30 cm and a height of 8.3 cm, allowing it to clean under most furniture.

5. SETUP

5.1 Charging Station Placement

Place the charging station against a wall in an open area, ensuring there are no obstacles within 1 meter to the sides and 2 meters in front of the station. This allows the robot to easily return for charging.

5.2 Initial Charging

Connect the power adapter to the charging station and plug it into a wall outlet. Place the robot vacuum cleaner onto the charging station. Ensure the charging contacts on the robot align with those on the station. The indicator lights on the robot will show charging status. Fully charge the robot before first use (approximately 4-5 hours).

5.3 Installing Side Brushes

Attach the side brushes by pressing them onto the designated posts on the underside of the robot until they click

into place.

5.4 Preparing for Mopping (Optional)

To use the mopping function, fill the water tank with clean water. You may add a small amount of floor cleaner if desired. Attach a clean mop cloth to the mop holder using the hook-and-loop fasteners, then slide the mop holder with the water tank into the designated slot at the back of the robot.



Image: The water tank for the mopping function.

6. OPERATING INSTRUCTIONS

6.1 Starting and Stopping Cleaning

Press the power button on the robot or the remote control to start cleaning. Press it again to pause or stop cleaning.

6.2 Cleaning Modes

The MEDION MD 18501 offers several cleaning modes for different needs:

- **Automatic Cleaning:** The robot navigates randomly to cover the entire area.
- **Spot Cleaning:** The robot cleans a concentrated area in a spiral pattern, ideal for heavily soiled spots.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.
- **Random Cleaning:** Similar to automatic, but with a more unpredictable path.

Verschiedene Reinigungsmodi



Image: Remote control with various cleaning mode options.

6.3 Suction and Mopping Functionality

The robot can perform both vacuuming and mopping. For optimal results, it is recommended to vacuum first, then use the mopping function. The mopping function is suitable for light wet cleaning and dust removal on hard floors.

Saugen und Wischen



Image: Demonstrating the vacuuming and mopping capabilities of the robot.

6.4 Timer Function

Use the remote control to set a cleaning schedule. The robot will automatically start cleaning at the programmed time and return to its charging station when finished or when the battery is low.

6.5 Virtual Wall

The included virtual wall creates an invisible barrier that the robot will not cross. Place it to restrict the robot from entering certain areas or rooms. Ensure the virtual wall is placed correctly and its batteries are functional.

Virtuelle Grenzen setzen



Image: The virtual wall creating a boundary for the robot.

6.6 Automatic Return to Charging Station

When the battery is low, the robot will automatically return to its charging station. Ensure the charging station is powered on and accessible.

7. MAINTENANCE

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

7.1 Emptying and Cleaning the Dust Bin

Empty the dust bin after each use. Open the top cover of the robot, remove the dust bin, and dispose of the collected debris. Rinse the dust bin with water if necessary, and ensure it is completely dry before reinserting.

7.2 Cleaning Filters

Tap the filter to remove dust. For thorough cleaning, the filter can be gently brushed with the provided cleaning brush. Replace filters every 3-6 months depending on usage.

7.3 Cleaning Side Brushes

Remove any hair or debris tangled around the side brushes. If brushes are worn or damaged, replace them with the spare brushes provided.

7.4 Cleaning Mop Cloths and Water Tank

After mopping, remove the mop cloth and wash it thoroughly. Empty any remaining water from the water tank and rinse it. Allow both to air dry completely before storage or next use.

7.5 Cleaning Sensors and Charging Contacts

Wipe the anti-drop sensors (located on the underside) and the charging contacts (on the robot and charging station) with a clean, dry cloth to ensure proper function.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not start or respond.	Low battery; Power switch off; Remote control batteries dead.	Charge the robot; Ensure power switch is ON; Replace remote control batteries.
Robot does not charge.	Charging contacts dirty; Charging station not powered; Robot not aligned.	Clean charging contacts; Check power connection; Realign robot on station.
Poor cleaning performance.	Dust bin full; Filters clogged; Brushes tangled/worn.	Empty dust bin; Clean/replace filters; Clean/replace brushes.
Robot gets stuck frequently.	Too many obstacles; Dark floor surfaces affecting sensors.	Clear obstacles; Use virtual wall for problematic areas; Note that dark surfaces may trigger anti-drop sensors.
Robot does not return to charging station.	Charging station inaccessible; Virtual wall blocking path; Station not powered.	Ensure clear path to station; Reposition virtual wall; Check station power.
Mopping function not effective.	Mop cloth dry/dirty; Water tank empty; Heavy stains.	Wet mop cloth before use; Refill water tank; Pre-clean heavy stains manually.

9. SPECIFICATIONS

Feature	Detail
Brand	MEDION
Model Number	MD 18501 (50059142)
Color	White
Product Dimensions	30 x 30 x 8.3 cm (L x W x H)
Item Weight	2.1 Kilograms
Power	36 Watts

Feature	Detail
Voltage	14.8 Volts
Material	Plastic
Annual Energy Consumption	38 Watt-hours
Noise Level	65 dB
Operating Time	Up to 90 minutes
Special Features	One-button start or programming, powerful brushes and motor, automatic return to charging station, virtual wall for area restriction, additional wet cleaning with water tank and mop.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MEDION website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
For further assistance, visit the [MEDION Store on Amazon](#).