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MAMNV T7s Robot Vacuum

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Model: T7s Robot Vacuum

1. IMPORTANT SAFETY INSTRUCTIONS

Please read this manual carefully before using the product and keep it for future reference. This appliance is for household use only.

- Do not allow children to operate the robot vacuum. Supervise children and pets when the robot is operating.
- Ensure the charging dock is placed against a wall on a level surface.
- Remove power cords, small objects, and fragile items from the floor before operation to prevent entanglement or damage.
- Do not use the robot vacuum in wet environments or on wet surfaces.
- Do not use the robot vacuum to pick up large debris, liquids, burning or smoking materials.
- Regularly clean the brushes and filters to maintain optimal performance.
- Only use the original charging adapter and battery provided by the manufacturer.
- If the power cord is damaged, it must be replaced by the manufacturer or a qualified service agent to avoid hazards.

2. PRODUCT OVERVIEW

2.1 Components

The MAMNV T7s Robot Vacuum and Mop Combo includes the following components:

- MAMNV T7s Robot Vacuum
- Charging Dock
- Remote Control
- User Manual
- FQA (Frequently Asked Questions)
- Networking Guide

- Water Tank (with Washable Mopping Cloth)
- Charging Adapter
- Side Brushes



Image 2.1: The MAMNV T7s Robot Vacuum, showcasing the main unit, remote control, and the detachable water tank with mopping cloth.

2.2 Key Features

- **2-in-1 Vacuuming and Mopping:** Combines vacuuming with a bilateral brush and mopping with a 230ml intelligent electric control water tank for simultaneous cleaning.
- **Multiple Cleaning Modes:** Supports Auto, Spot, Edge, and Zig-zag cleaning modes.
- **Smart Connectivity:** Compatible with Wi-Fi (2.4GHz only), app control (Tuya APP), remote control, and voice commands (Amazon Alexa, Google Assistant).
- **Advanced Sensors:** Equipped with precise obstacle avoidance and anti-fall technology to navigate around furniture and prevent falls.
- **Slim Design:** 2.87-inch ultra-thin body allows access to hard-to-reach areas.
- **Obstacle Surmounting:** High-quality off-road tire structure can cross obstacles up to 0.6 inches high.
- **Self-Charging:** Automatically returns to the charging base when power is low or cleaning is complete.
- **Long Battery Life:** Up to 100 minutes of continuous cleaning on a full charge.



Image 2.2: Illustration of the T7s robot vacuum's 2-in-1 vacuuming and mopping capability, highlighting the water tank and adjustable water flow/suction levels.

3. SETUP

3.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Remove any protective films or stickers from the robot and charging dock.
3. Place the charging dock against a wall in an open, uncluttered area. Ensure there is at least 1 meter (3 feet) of clear space in front of the dock and 0.5 meters (1.5 feet) on either side.
4. Connect the charging adapter to the charging dock and plug it into a power outlet.

3.2 Initial Charging

1. Place the robot vacuum onto the charging dock, ensuring the charging contacts align.
2. The indicator light on the robot will illuminate to show it is charging.
3. Allow the robot to fully charge for 4-5 hours before its first use. A full charge provides approximately 100 minutes of cleaning time.

3.3 App and Wi-Fi Connection

1. Download the Tuya APP from your smartphone's app store.
2. Open the app and follow the on-screen instructions to create an account or log in.
3. Add a new device in the app and select the MAMNV T7s Robot Vacuum.
4. Follow the app's instructions to connect the robot to your 2.4GHz Wi-Fi network. (Note: 5GHz Wi-Fi networks are not supported).
5. Once connected, you can control the robot, schedule cleanings, and adjust settings via the app.

4. OPERATING THE ROBOT VACUUM

4.1 Starting and Pausing Cleaning

- **From Robot:** Press the power button on the robot to start or pause cleaning.
- **From Remote Control:** Use the "Auto" button on the remote control to start or pause cleaning.
- **From App:** Use the "Start" or "Pause" function within the Tuya APP.

4.2 Cleaning Modes

The robot offers several cleaning modes to suit different needs:

- **Auto Cleaning:** The robot intelligently navigates and cleans the entire accessible area.
- **Spot Cleaning:** Focuses on a specific dirty area, cleaning in a spiral pattern.
- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Zig-zag Cleaning:** Cleans in a systematic back-and-forth pattern, ideal for larger open spaces.



Image 4.1: Visual representation of the robot vacuum performing Automatic, Spot, Edge, and Zig-zag cleaning modes in a room setting.

4.3 Suction and Water Flow Adjustment

You can adjust the suction power and water flow level via the Tuya APP or remote control to match your cleaning requirements.

- **Suction Levels:** Quiet Mode (1000Pa), Standard Mode (1400Pa), Maximum Mode (2000Pa).
- **Water Flow Levels:** Three levels of water discharge for mopping.



Image 4.2: The T7s robot vacuum demonstrating its strong suction capability, illustrating different suction levels (1000Pa, 1400Pa, 2000Pa) and how it picks up various debris.

4.4 Scheduling Cleaning

Use the Tuya APP to set a cleaning schedule. The robot will automatically start cleaning at the programmed times.

4.5 Voice Control

The robot vacuum can be integrated with Amazon Alexa and Google Assistant for voice commands. Refer to the Networking Guide for detailed setup instructions.

Remote Control + APP + Voice Control Robot Vacuum



Image 4.3: A user interacting with the T7s robot vacuum via remote control, a smartphone app displaying device connection, and a voice assistant, illustrating the multiple control options.

5. MAINTENANCE

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

5.1 Emptying the Dustbin

- Press the dustbin release button and pull out the dustbin.
- Open the dustbin cover and empty its contents into a trash can.
- Clean the filter with the provided cleaning tool or by tapping it gently. Do not wash the HEPA filter with water.
- Reinsert the dustbin and ensure it clicks into place.

5.2 Cleaning the Water Tank and Mopping Cloth

- Remove the water tank from the robot.
- Empty any remaining water.
- Detach the mopping cloth and wash it by hand or machine. Allow it to air dry completely.
- Rinse the water tank with clean water and allow it to air dry.
- Reattach the dry mopping cloth and reinsert the water tank into the robot.

5.3 Cleaning Brushes

- **Side Brushes:** Gently pull the side brushes to remove them. Remove any hair or debris wrapped around them. Reattach them by pressing firmly.
- **Main Brush:** Remove the main brush cover and lift out the main brush. Use the cleaning tool to cut and remove tangled hair or debris. Reinstall the main brush and cover.

5.4 Cleaning Sensors and Charging Contacts

- Wipe the anti-drop sensors, obstacle sensors, and charging contacts on both the robot and the charging dock with a clean, dry cloth.
- Ensure these components are free of dust and debris for proper operation.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on or charge.	Battery is depleted; charging contacts are dirty; charging dock is not powered.	Ensure the robot is properly placed on the charging dock. Clean charging contacts. Verify the charging dock is plugged in and receiving power.
Robot gets stuck frequently.	Obstacles on the floor; sensors are dirty.	Clear the cleaning area of cables, small objects, and thick carpets. Clean the robot's sensors.
Poor cleaning performance.	Dustbin is full; brushes are tangled; filter is clogged.	Empty the dustbin. Clean the main brush and side brushes. Clean or replace the filter.
Robot cannot connect to Wi-Fi/App.	Incorrect Wi-Fi band (5GHz); incorrect password; poor signal.	Ensure your router is broadcasting a 2.4GHz Wi-Fi signal. Re-enter Wi-Fi password carefully. Move the robot closer to the router. Refer to the Networking Guide.
Mopping function is not working.	Water tank is empty; mopping cloth is dry; water outlet is clogged.	Fill the water tank. Moisten the mopping cloth before use. Check for blockages in the water tank's outlet.

7. SPECIFICATIONS

Feature	Detail
Brand	MAMNV
Model Name	T7s Robot Vacuum
Product Dimensions	11.8"L x 11.8"W x 2.87"H
Item Weight	8.09 pounds
Battery Life	Up to 100 minutes
Charging Time	4-5 hours
Max Suction Power	2000Pa
Dustbin Capacity	430 Milliliters
Water Tank Capacity	230 Milliliters
Filter Type	Foam
Compatible Devices	Smartphones (Tuya APP), Amazon Alexa, Google Assistant
Wi-Fi Compatibility	2.4GHz only
Obstacle Climbing Ability	Up to 0.6 inches (1.5 cm)
Surface Recommendation	Hard Floor, Low Pile Carpet, Wood Floor, Tile Floor

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact MAMNV customer support. If you encounter any issues not covered in this manual, please reach out to our support team for assistance.

Customer Support: Please visit the official MAMNV website or refer to your purchase documentation for contact details.