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› OKP Robot Vacuum Mop Combo K5 Ultra User Manual

OKP K5 Ultra

OKP Robot Vacuum Mop Combo K5 Ultra User Manual

Model: K5 Ultra

1. PRODUCT OVERVIEW

The OKP K5 Ultra is a versatile robot vacuum and mop combo designed for efficient home cleaning. It features advanced navigation, powerful suction, and smart control options to simplify your cleaning routine.



Figure 1: OKP K5 Ultra Robot Vacuum Mop Combo and included accessories.

Package Contents:

- OKP K5 Ultra Robot Vacuum Mop Combo
- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- Disposable Mop Pads
- Cleaning Tool
- User Manual

2. SETUP AND INSTALLATION

2.1 Charging the Robot

Before first use, ensure the robot is fully charged. Place the charging dock against a wall in an open area, free from obstacles. Connect the power adapter to the dock and a power outlet. The robot will automatically return to the charging dock when its battery is low during cleaning cycles.

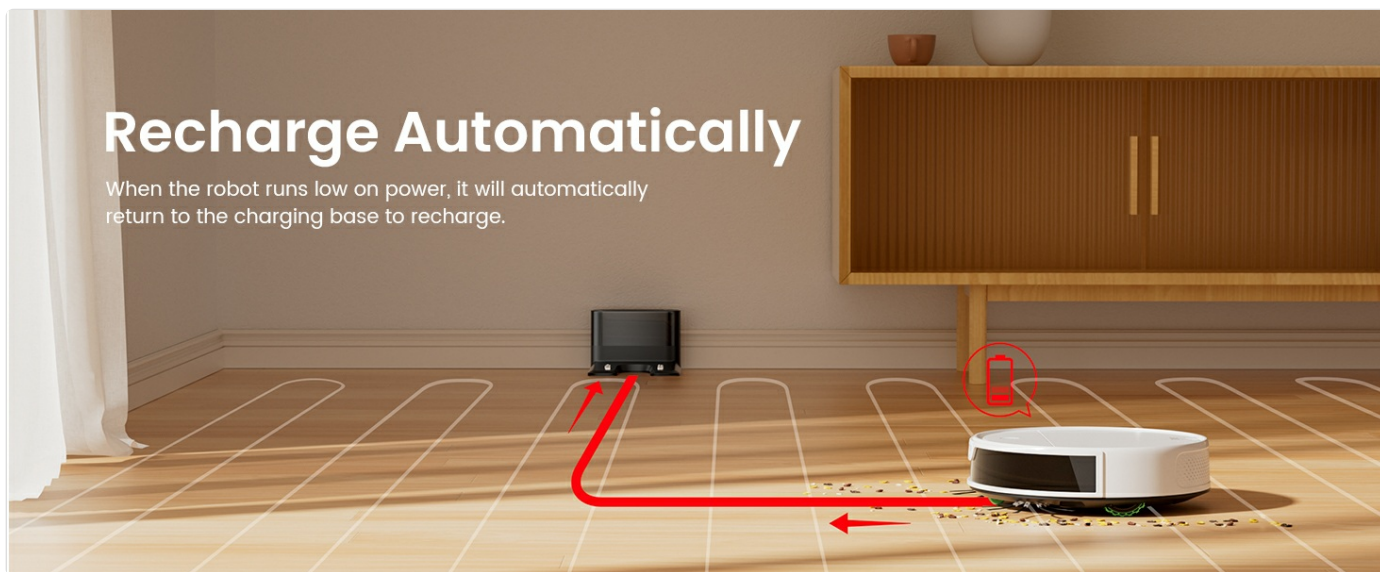


Figure 2: The robot vacuum automatically recharges by returning to its dock.

2.2 Connecting to the OKP App

For full functionality, download the OKP app from your mobile device's app store. Follow the in-app instructions to connect your K5 Ultra robot vacuum. The app allows for scheduling, mode selection, and monitoring cleaning progress. The robot supports 2.4GHz Wi-Fi networks.

Voice Control & App Control



Figure 3: Control the OKP K5 Ultra via the dedicated smartphone application.

The OKP K5 Ultra is also compatible with voice control systems such as Amazon Alexa and Google Assistant, enabling hands-free operation once integrated.

3. OPERATING INSTRUCTIONS

3.1 Navigation and Obstacle Avoidance

The K5 Ultra utilizes advanced ToF Laser Navigation and 190° PSD sensors for precise mapping and obstacle avoidance. This technology allows the robot to navigate efficiently, detect objects over 2 inches high or within 1.6 inches range, and prevent collisions with furniture, pets, and walls, as well as avoid falls from stairs.



Figure 4: ToF Laser Navigation ensures comprehensive coverage and avoids missed spots.

PSD 190° Precise Obstacle Avoidance

High-precision recognition, Zero collision and jamming



Figure 5: Precise PSD sensors enable the robot to avoid obstacles and prevent collisions.

3.2 Cleaning Modes

The robot offers multiple cleaning modes to suit different needs:

- **Auto Mode:** The robot intelligently cleans the entire area.
- **Spot Cleaning:** Focuses on a specific dirty area for intensive cleaning.
- **Edge Cleaning:** Cleans along walls and furniture edges.

- **Schedule Cleaning:** Set specific times for the robot to clean automatically via the app.

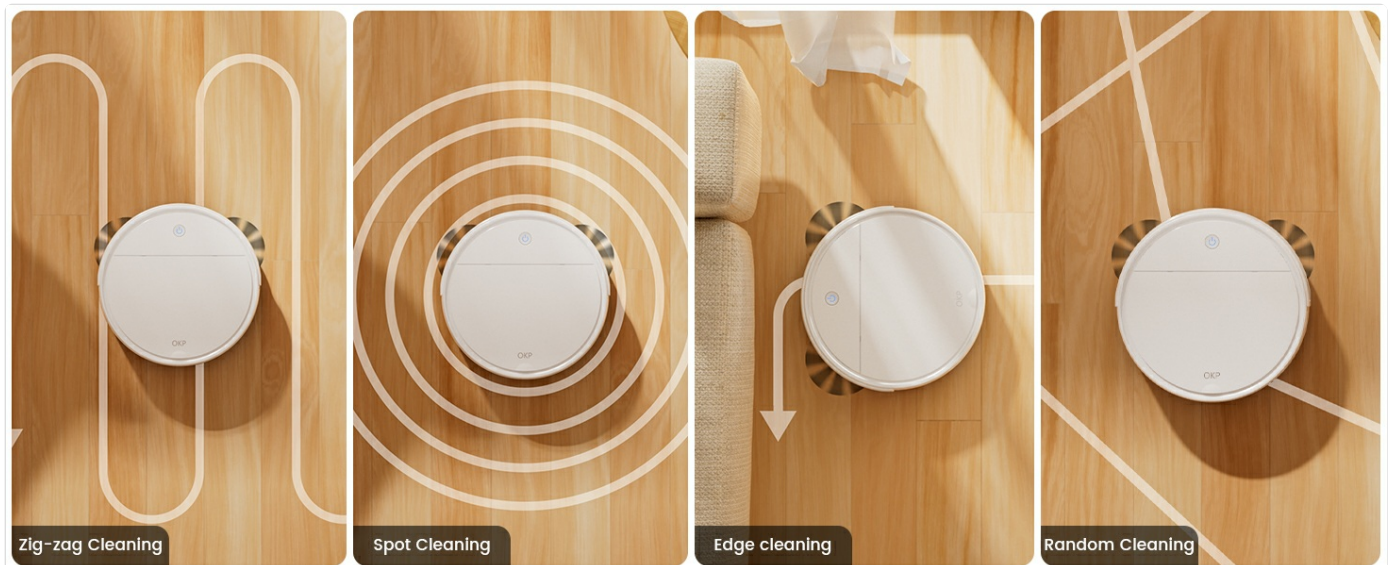


Figure 6: Various cleaning patterns available for different cleaning requirements.

3.3 Suction Power and Carpet Detection

Equipped with 6000Pa of suction power, the K5 Ultra effectively removes debris, pet fur, and fine dust from various surfaces. It features intelligent carpet detection, automatically boosting suction when on carpets for deeper cleaning and adjusting power when transitioning to hard floors. When the mop is attached, it avoids carpets to keep them dry.

Powerful Suction Power

No Entanglement Design

0% Tangled



Pet Hair Cleaning ✓



Others ✗



Dust



Pet Hair



Crumbs



Snacks

Figure 7: The robot's powerful suction effectively cleans various types of debris, including pet hair.

Automatic carpet cleaner



Figure 8: Automatic carpet detection allows the robot to adjust suction power for optimal cleaning.

3.4 Mopping Function

The K5 Ultra includes a mopping function with a magnetic mop holder for disposable mop pads. This design eliminates the need for a water tank and simplifies maintenance, providing a hygienic cleaning experience.

Sweeping & Vacuuming & Mopping 3 in 1



Figure 9: The OKP K5 Ultra offers 3-in-1 functionality: sweeping, vacuuming, and mopping.



Figure 10: The disposable mop system ensures convenient and hygienic floor cleaning.

3.5 Battery Life and Self-Charging

The K5 Ultra features a high-efficiency battery, providing up to 170 minutes of runtime in quiet mode, suitable for areas up to 1500 sq. ft. When the battery level is low, the robot automatically returns to its charging dock to recharge.



Figure 11: The robot offers extended cleaning time, ideal for larger homes.

4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your OKP K5 Ultra.

4.1 Dustbin and Filter Cleaning

Empty the dustbin after each cleaning cycle. The HEPA filter should be cleaned regularly by tapping out debris. Replace the filter every 3-6 months, depending on usage, to maintain suction efficiency.

4.2 Brush Cleaning

Inspect and clean the side brushes regularly. Remove any tangled hair or debris. If brushes are worn, replace them with new ones from the included accessories or purchase replacements.

4.3 Mop Pad Replacement

After mopping, detach and dispose of the used mop pad. Attach a new disposable mop pad for the next mopping session.

4.4 Sensor Cleaning

Wipe the sensors (ToF laser, PSD, cliff sensors) on the robot's body with a clean, dry cloth to ensure accurate navigation and obstacle detection.

5. TROUBLESHOOTING

If you encounter issues with your OKP K5 Ultra, refer to the following common solutions:

Problem	Possible Cause	Solution
Robot does not turn on or charge.	Battery depleted; charging dock not connected; poor contact with charging pins.	Ensure charging dock is powered. Clean charging pins on robot and dock. Place robot manually on dock to ensure contact.
Robot gets stuck frequently.	Obstacles (cables, small objects); dark surfaces (cliff sensors); dirty sensors.	Clear the cleaning area of loose cables and small items. Clean all sensors. Consider using virtual walls if available.
Poor cleaning performance.	Full dustbin; clogged filter; worn brushes.	Empty dustbin. Clean or replace filter. Clean or replace side brushes.
Robot cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password; 5GHz network; router too far.	Ensure correct 2.4GHz Wi-Fi network is selected. Move robot closer to router. Restart robot and router.
Unusual noise during operation.	Debris caught in brushes or wheels; damaged component.	Inspect and clean brushes and wheels. If noise persists, contact customer support.

6. SPECIFICATIONS

- Model Name:** Robot Vacuum Mop Comb K5 Ultra
- Brand:** OKP
- Color:** Ivory
- Product Dimensions:** 28L x 28W x 7.9H Centimetres
- Item Weight:** 3.35 kg
- Suction Power:** 6000Pa
- Battery Life:** Up to 170 minutes
- Navigation Type:** ToF Laser Navigation, PSD Sensors
- Filter Type:** HEPA
- Controller Type:** App Control, Voice Control (Alexa, Google Assistant)
- Special Features:** Auto-Docking, LiDAR Navigation, Pet Hair Pick Up, Carpet Detection
- Surface Recommendation:** Wood, Hard Floors, Carpets

7. WARRANTY AND SUPPORT

OKP provides a 2-year warranty for the K5 Ultra Robot Vacuum Mop Combo. For any questions or assistance, OKP offers

24/7 professional customer service (Monday to Friday). Please refer to your purchase documentation for specific warranty terms and contact information.

For further support, visit the official OKP website or contact their customer service team directly.