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LYNKBHEY M20 Pro

LYNKBHEY Robot Vacuum and Mop Combo User Manual

Model: M20 Pro

INTRODUCTION

The LYNKBHEY M20 Pro is an advanced robotic vacuum and mop combo designed to automate floor cleaning. Featuring a self-empty dock, hot air drying, and intelligent navigation, it provides a comprehensive hands-free cleaning experience for various floor types.



Figure 1: LYNKB EY M20 Pro Robot Vacuum and its Self-Empty Dock.

KEY FEATURES

- **15-in-1 Multifunctional Dock:** Provides automatic dustbin emptying, water tank refilling, mop head washing, and hot air drying for minimal manual intervention.
- **Powerful Suction:** Delivers 5000Pa suction power for effective debris collection on various surfaces.
- **Revolutionary Rotating Mopping System:** Applies 10N downward pressure and lifts 15mm upward, suitable for carpet cleaning and tackling stubborn stains.
- **AI 3.0 Obstacle Avoidance:** Advanced AI system detects and avoids objects on the floor, preventing collisions.
- **Ultra-Slim Design:** Allows the robot to access tighter spaces, covering a larger cleaning area.
- **APP Control:** Enables remote control, scheduling, and monitoring of cleaning tasks via a dedicated mobile application.
- **Real-time Video Call:** Allows users to communicate through the robot, seeing and hearing from anywhere in their home.
- **DToF Laser Navigation:** Utilizes advanced laser technology for precise mapping and navigation.
- **Multi-Floor Mapping:** Supports mapping and storage of multiple floor plans.
- **Long Battery Life:** Equipped with a 5200 mAh battery providing up to 2 hours of cleaning time.

15-IN-1 ROBOTIC VACUUM CLEANER

A complete auto-maintenance cleaning system that frees your hands.



- | | | | | |
|---------------------|-----------------------|-------------------------|----------------------------------|-----------------------|
| Auto Dust Emptying | Auto Dock Cleaning | 5000Pa Suction Power | Live Monitoring | dToF Laser Navigation |
| Auto Mop Washing | Auto Tank Refilling | 10N Pressurized Mopping | Child Lock | Multi Floor Map |
| Auto Hot Air Drying | AI Obstacle Avoidance | 5200 mAh Battery | Multi-Directional Floating Brush | 15mm Mopping Lift |

Figure 2: Comprehensive overview of the LYNKBey M20 Pro's 15-in-1 features.

SETUP

1. Unboxing and Initial Placement

Carefully remove all components from the packaging. Place the self-empty dock on a hard, flat surface against a wall, ensuring there are no obstacles within 1.5 meters (5 feet) in front and 0.5 meters (1.6 feet) on either side to allow the robot to dock properly.

2. Charging the Robot

Ensure the robot is correctly placed on the charging contacts of the dock. The indicator lights on the robot will confirm it is charging. Allow the robot to fully charge before its first use.

3. Filling Water Tanks and Installing Dust Bag

Fill the clean water tank with appropriate cleaning solution and water. Ensure the dirty water tank is empty. Install the dust bag into the self-empty dock. The dock is designed for no-touch dust emptying for up to 60 days, depending on usage.

AUTO DUST EMPTYING

No-Touch Dust Bin can be easily emptied without touching the dirt for 60 days.



AUTO TANK REFILLING

4L clean water tank automatically replenishes clean water for the reservoir.



Figure 3: Illustration of the Auto Dust Emptying and Auto Tank Refilling functions.

4. App Connection

Download the LYNKBey app from your mobile app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. Note that the device requires a 2.4 GHz Wi-Fi connection.

OPERATING INSTRUCTIONS

1. Starting a Cleaning Cycle

Press the power button on the robot or use the mobile app to start a cleaning cycle. The robot will begin mapping its environment and cleaning according to its programmed mode.

2. Cleaning Modes

The LYNKBey M20 Pro supports various cleaning modes, including vacuuming, mopping, and combined vacuuming and mopping. Select your desired mode via the mobile app. The mopping system applies 10N downward pressure for effective cleaning and can lift 15mm to avoid carpets.



Figure 4: Mopping system applying pressure and lifting for carpet avoidance.

3. Smart Navigation and Obstacle Avoidance

The robot uses DToF laser navigation and AI 3.0 obstacle avoidance to efficiently map your home and navigate around furniture and other objects. It can store multiple floor maps for multi-level homes.



Figure 5: AI 3.0 Obstacle Avoidance in action.





Figure 6: Advanced mapping features including multi-floor support, room-specific cleaning, no-go zones, and scheduling.

4. Real-time Video Call

Utilize the real-time video call feature through the app to see and hear what's happening in your home via the robot's camera. This feature allows for remote monitoring and interaction.

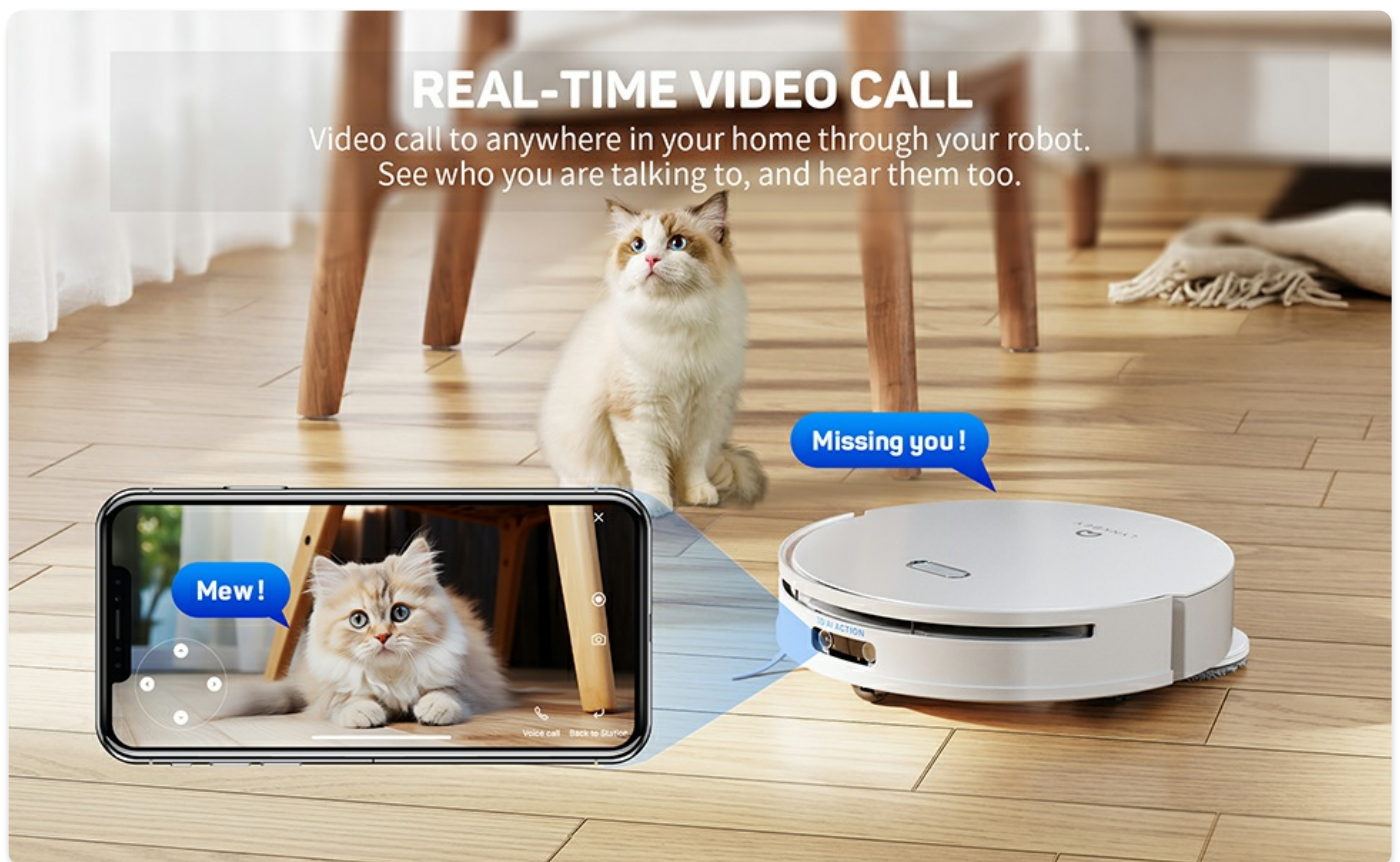


Figure 7: Real-time video call functionality for remote monitoring.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your LYNKBEY M20 Pro.

1. Dustbin Emptying

The self-empty dock automatically empties the robot's dustbin. Replace the dust bag in the dock every 1-2 months, or as indicated by the app, depending on usage and household debris levels. Avoid manually emptying the dust bag by pulling dirt through the hole, as this can reduce its effectiveness.

2. Water Tank Maintenance

Regularly check and refill the clean water tank. Empty and clean the dirty water tank to prevent odor and bacterial growth.

3. Mop Pad Washing and Drying

The dock automatically washes the mop pads. The hot air drying system rapidly dries the mopping pads within 3 hours after cleaning to prevent mildew and odors.



Figure 8: Automatic Hot Air Drying and Mop Washing features.

4. Roller Brush and Side Brush Cleaning

Periodically inspect and clean the main roller brush and side brushes. Remove any hair, threads, or debris that may have become entangled. This is crucial for maintaining effective cleaning performance and preventing error messages.

ESPECIALLY PROFESSIONAL FOR CLEANING

others

our

Straight Mop

Double Rotating Mops

Silent Roller Brush

Anti-tangle Roller Brush

Edge-Sweeping Brush

Figure 9: Components for effective cleaning, including the anti-tangle roller brush.

Video 1: Demonstration of checking and cleaning the roller brush. Note: This video is provided by a customer and shows a common issue where the robot reports the roller brush is intertwined even when it appears clean.

5. Filter Cleaning

Clean the filter regularly to maintain strong suction. Tap out dust or use a small brush. Replace the filter as needed, typically every 3-6 months, depending on usage.

TROUBLESHOOTING

If you encounter issues with your LYNKBHEY M20 Pro, refer to the following common problems and solutions:

- **Robot reports "roller brush has become intertwined" but appears clean:**

This can sometimes be a software or sensor issue. Ensure the roller brush is correctly seated and free of any debris, even small particles. Try restarting the robot. If the issue persists, contact customer support.

- **Robot does not move or travels in circles:**

Check for obstructions around the wheels and sensors. Clean the cliff sensors and bumper. Ensure the robot is on a flat surface. A full restart of the robot and the app may resolve navigation issues.

• **Robot frequently stops or requires attention:**

This may indicate a full dustbin, tangled brushes, or dirty sensors. Perform routine maintenance as described in the "Maintenance" section. Ensure the cleaning area is free of small objects or loose cables.

• **Difficulty connecting to Wi-Fi or app:**

Ensure your Wi-Fi network is 2.4 GHz. The robot does not support 5 GHz networks. Verify your Wi-Fi password and signal strength. Try resetting the robot's Wi-Fi connection and re-pairing with the app.

• **Mop pads not drying completely or emitting odor:**

Ensure the hot air drying vent on the dock is not obstructed. Clean the dirty water tank and ensure it is empty before cleaning cycles. If odors persist, clean the mop pads thoroughly and allow them to air dry completely before reattaching.

SPECIFICATIONS

Feature	Specification
Brand	LYNKBEY
Model Name	M20 Pro
Special Feature	Bag (for dust collection)
Included Components	Dust Bag, Charging Adapter, Docking Station
Filter Type	Cartridge
Battery Life	2 Hours
Power Source	Battery Powered
Control Method	App
Lithium Battery Voltage	14.4 Volts
Compatible Devices	Amazon Echo
Form Factor	Robotic
Product Dimensions	19.75 x 20.47 x 20.08 inches
Item Weight	41.8 pounds
Date First Available	August 9, 2023

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official LYNKBey website or contact their customer service directly. Keep your purchase receipt for warranty claims.
Additional user guides and support documents may be available online:

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question