Mintakawa LB500C

Mintakawa Automatic Cat Litter Box User Manual

Model: LB500C

1. Product Overview

The Mintakawa Automatic Cat Litter Box is designed to provide a convenient and hygienic solution for cat owners. Featuring a spacious 86-liter internal capacity, it is suitable for single or multiple cats, allowing them to move freely and comfortably. This self-cleaning litter box operates quietly, with noise levels under 35 dB during cleaning cycles, comparable to the sound of a refrigerator. It offers smart connectivity via 2.4GHz Wi-Fi and Bluetooth, enabling real-time health monitoring and detailed usage records through a dedicated mobile application. Maintenance is simplified with a hassle-free design that allows for quick and efficient cleaning by simply lifting the drum.

- **Spacious Design:** 86-liter internal capacity, ideal for one or multiple cats.
- **Smart Connectivity:** 2.4GHz Wi-Fi and Bluetooth for app control, real-time health monitoring, and usage records.
- **Ultra-Quiet Operation:** Noise levels below 35 dB during cleaning.
- **Hassle-Free Maintenance:** Easy drum lift for quick cleaning.
- **Materials:** Constructed from durable Polypropylene (PP) and Acrylonitrile Butadiene Styrene (ABS).
- **Dimensions:** 18.23"L x 19.84"W x 22.44"H.



Figure 1: The Mintakawa Automatic Cat Litter Box, highlighting its spacious interior for cat comfort.

2. Safety Instructions

Your safety and the safety of your pet are paramount. Please adhere to the following safety guidelines:

- **Automatic Stop Feature:** The device is equipped with sensors that automatically stop the cleaning cycle if a cat is detected entering the litter box. This ensures your cat's safety during operation.
- **Drum Removal Warning:** If the drum is removed during operation, the device will emit a warning sound and return to a standby position.
- **Avoid Pinch Points:** Do not place fingers or any objects into the moving parts or crevices of the product to prevent injury.
- **Water Contact:** Do not wash the main body base with water as it contains electrical components. It can be wiped clean with a damp cloth.



Figure 2: The smart health monitoring feature, which also contributes to safety by tracking cat presence.

3. Setup Guide

Assembly of the Mintakawa Automatic Cat Litter Box is straightforward and typically takes less than an hour. Follow these steps to set up your device:

1. **Unpack Components:** Carefully remove all components from the packaging. You will find two main large pieces: the drum and the base.
2. **Assemble Drum and Base:** Align the drum with the base. The drum has designated 'L' (Left) and 'R' (Right) stickers on its sides, which correspond to the base. Ensure these are correctly aligned before lowering the drum onto the base.
3. **Position Litter Mat:** Place the provided litter mat in front of the litter box. This mat is designed to catch any tracked litter from your cat's paws, helping to keep the area clean. The mat has a pocket design allowing you to easily dump collected litter into a trash can.

4. **Prepare Waste Bin:** Open the waste collection bin located at the top rear of the device. Line the bin with a standard trash bag.
5. **Add Litter:** Pour clumping cat litter into the drum. Ensure the litter level does not exceed the 'MAX' fill line indicated inside the drum. Any regular clumping litter will work.
6. **Connect Power:** Plug the power cord into the designated port at the back of the device, then connect it to a power outlet.
7. **Initiate Leveling Cycle:** On the front control panel, press the 'M' button to select the 'Level' function, then press the 'D' button to confirm. The device will automatically begin rotating to level out the litter you just poured.



Figure 3: Exploded view of the litter box components, illustrating the assembly process.



Figure 4: The drum can be easily lifted from the base for cleaning and maintenance.

4. Operating Instructions

The Mintakawa Automatic Cat Litter Box is designed for intuitive operation. Once set up, it can function automatically or be controlled manually.

Automatic Operation

The device automatically detects when your cat has used the litter box and exited. After a set delay (configurable via the app), it will initiate a cleaning cycle. During the cleaning cycle, the drum rotates to sift the litter, separating waste into the collection bin. The device will pause if a cat re-enters during a cycle, resuming once the cat has left.

Manual Operation

The control panel on the front of the device features three buttons: 'M', 'D', and 'C'.

- **'M' Key:** Selects the function (Level litter or Cleaning excrement).
- **'D' Key:** Performs the selected function. In idle mode, long press for 5 seconds for Wi-Fi pairing.
- **'C' Key:** When 'Level' and 'Cat In' icons are lit, or 'Clean' and 'Cat In' are lit, pressing 'C' will ignore the cat weight, jump out of the pause state, and restore the device to 'Idle' state. This can also reset the device if it gets stuck.

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Video 1: An introduction to the Mintakawa Automatic Cat Litter Box, demonstrating its automatic cleaning cycle and safety features.

5. APP Features

Enhance your experience with the dedicated mobile application, offering comprehensive control and monitoring capabilities.

- **Real-time Monitoring:** Track your cat's weight and usage frequency (number of toilet visits, duration of visits).
- **Remote Control:** Initiate a cleaning cycle remotely using the "Clean Now" function.
- **Customizable Settings:** Access the "Set Up" options to personalize the device's operation:
  - Toggle between "Self Clean Fun" (automatic) and "Regular Clean" (scheduled cleaning).
  - Adjust the number of drum rolls (Once or Twice) for cleaning.
  - Set the minimum effective cat weight for detection.
  - Configure the effective excretion time.
  - Adjust the delay of cleaning time after excretion (e.g., 30, 40, 60, 90 seconds).
- **Abnormal Notices:** Receive alerts for any unusual activity or device status.



Figure 5: The mobile application interface for remote control and tracking of your cat's habits.

6. Maintenance and Cleaning

Regular maintenance ensures optimal performance and hygiene of your litter box. The design prioritizes ease of cleaning.

- **Waste Bin Emptying:** The waste collection bin should be emptied regularly. Simply slide out the bin, remove the tied trash bag, and replace it with a new one.
- **Drum Cleaning:** The drum can be easily lifted off the base for thorough cleaning. Its waterproof design allows for free rinsing. Use the provided cleaning brush to scrub down the interior.
- **Base Cleaning:** The main body base contains electrical components and should not be submerged in water. Wipe it clean with a damp cloth.
- **Litter Mat Cleaning:** Periodically empty the collected litter from the mat's pocket into a trash can. The mat can also be rinsed or wiped clean.
- **Accessories:** The product comes with disposable plastic gloves, extra trash bags, a cleaning brush, and a

handheld sweeper for convenient maintenance.

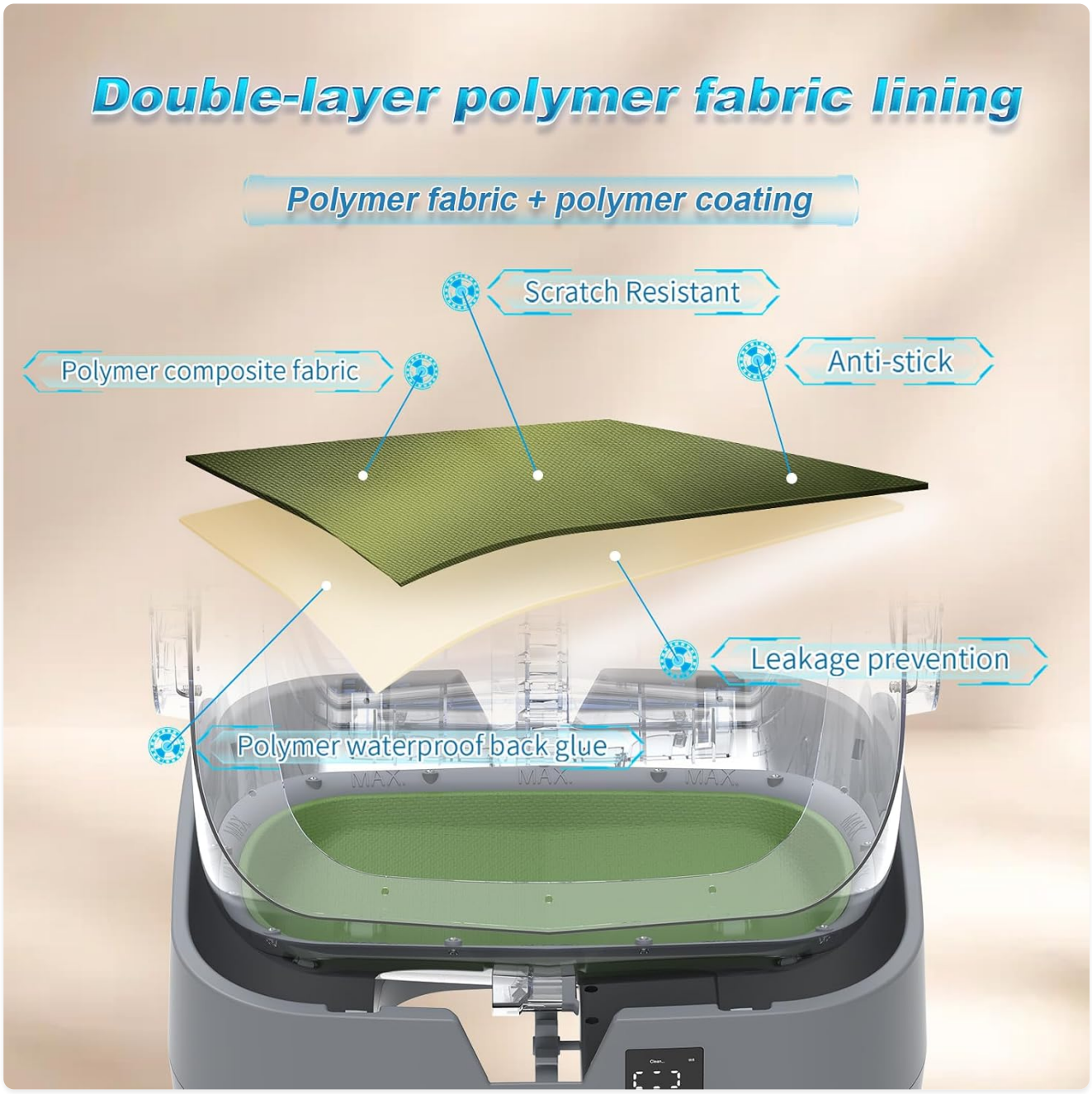


Figure 6: The durable and easy-to-clean double-layer polymer fabric lining of the drum.

7. Troubleshooting

If you encounter any issues with your Mintakawa Automatic Cat Litter Box, please refer to the following common solutions:

- **Device Not Responding:** Ensure the power cord is securely plugged into both the device and the power outlet. Check if the power indicator light is on.
- **Cleaning Cycle Not Starting:** Verify that no cat is currently inside the litter box. The safety sensors will prevent operation if a cat is detected. Check the app settings to ensure automatic cleaning is enabled or manually initiate a cycle.
- **Litter Not Leveling:** Ensure the litter is below the 'MAX' fill line. Overfilling can impede the leveling process. You can manually initiate a leveling cycle via the control panel.

- **Waste Not Discarded:** Check if the waste collection bin is properly inserted and lined with a bag. Ensure the drum is correctly seated on the base.
- **App Connectivity Issues:** Confirm your device's Wi-Fi is 2.4GHz and that the litter box is within range. Long press the 'D' button on the control panel for 5 seconds to re-enter Wi-Fi pairing mode.
- **Device Stuck/Error:** If the device appears stuck or displays an error, press the 'C' button on the control panel to reset the device to its idle state.

For persistent issues or further assistance, please contact Mintakawa customer support.

8. Specifications

Feature	Description
Color	Grey
Brand	Mintakawa
Size	Large (86L internal capacity)
Material	Polypropylene (PP), Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	18.23"L x 19.84"W x 22.44"H
Style	Automatic
Litter Box Type	Automated Self-Cleaning Litter Box
Special Feature	App Control, Weight Monitoring, Ultra-Quiet Operation, Anti-Pinch Safety