KITPLUS automatic litter box

KITPLUS Automatic Litter Box Open Top: Self-Cleaning Cat Litter Box Smart with WiFi App Control - Instruction Manual

Brand: KITPLUS | Model: automatic litter box

1. Overview

The KITPLUS Automatic Litter Box is designed to provide a convenient and hygienic solution for cat waste management. Featuring a semi-open structure, it offers a secure environment for cats while incorporating smart self-cleaning functionality. The system includes sealed odor containment, WiFi app control for remote management and health monitoring, and advanced safety sensors to protect your pet. Its extra-large capacity and easy-to-clean components simplify maintenance for multi-cat households.

2. Setup Instructions

2.1 Included Components

- 1x Automatic Litter Box Main Unit
- 1x User Manual
- 1x Tracking Mat
- 1x Trash Bag Roll
- 1x Power Adapter
- 1x Cleaning Brush
- 1x Odor Eliminator (Cat-shaped)

2.2 Assembly

1. **Attach the Legs:** Carefully flip the main unit upside down. Align the four legs with the corresponding slots (marked 'L' for left and 'R' for right) and push them firmly into place until they click.
2. **Insert the Sifter:** Ensure the sifter is correctly positioned within the rotating drum. It should snap into place securely.
3. **Place the Removable Liner:** Position the waterproof liner pad inside the drum, ensuring its edges are fully snapped into the groove. The 'MAX' and 'MIN' fill lines should be visible.
4. **Install the Waste Bin:** Slide the waste bin into the designated compartment at the bottom front of the unit.

Line the waste bin with one of the provided trash bags, tucking the edges into the slots to secure it.

5. **Place the Odor Eliminator:** Unwrap the cat-shaped odor eliminator and place it inside the waste bin.
6. **Connect Power:** Plug the power adapter into the unit's power port and then into a wall outlet. The device will perform an initial self-check.

2.3 Litter Filling

Fill the litter box with clumping cat litter. The unit is compatible with various types, including plant-based, bentonite, mineral, and mixed litters. Pour litter between the 'MIN' and 'MAX' lines indicated on the liner pad. Do not overfill.



Image: Filling the litter box with clumping litter, illustrating different compatible litter types.

2.4 App Connection (Optional)

To utilize smart features, download the 'Tuya Smart' or 'MiniNook' app from your device's app store. Ensure your smartphone is connected to a 2.4GHz WiFi network. Follow the in-app instructions to connect the litter box. This allows for remote control, status alerts, and health monitoring.



Image: The mobile app interface for controlling and monitoring the litter box.

3. Operating Instructions

3.1 Automatic Cleaning Cycle

The litter box is equipped with smart sensors that detect when your cat uses the box. After your cat exits, the unit will automatically initiate a quiet cleaning cycle after a preset delay (default is typically 10 minutes, adjustable via app). The rotating drum sifts clean litter, depositing waste into the sealed waste bin below.

3.2 Manual Cleaning

To initiate a cleaning cycle manually, press the 'Clean' button on the device. The unit will perform a full cleaning cycle and return to its standby position.

3.3 App Control Features

When connected to the app, you can:

- **Start Cleaning Cycles:** Manually initiate cleaning from anywhere.
- **Receive Real-time Alerts:** Get notifications for events like 'waste drawer full' or 'cat entering/exiting'.
- **Monitor Cat Usage:** Track your cat's usage frequency and duration, which can help identify potential health

changes.

- **Adjust Settings:** Customize cleaning delay times and other operational parameters.

3.4 Safety Features

The KITPLUS Automatic Litter Box prioritizes cat safety with multiple integrated features:

- **Infrared Sensors:** Detect your cat's presence, immediately pausing any ongoing cleaning cycle.
- **Weight Sensors:** Located in the legs, these sensors detect weight changes, stopping operation if a cat enters during a cycle.
- **Anti-Pinch Design:** The roller maintains a minimum angle of 30° during operation, preventing curious cats from being pinched.



Image: Illustration of the intelligent anti-pinch and anti-false alarm safety features.



Image: Detailed view of the multiple safety protections, including weight sensors.

4. Maintenance

4.1 Emptying the Waste Drawer

The 10L sealed waste drawer effectively contains odors and requires less frequent emptying. When the waste drawer is full (indicated by an app alert or device light), simply pull out the drawer, lift the drawstring of the trash bag, and dispose of the waste. Replace with a new trash bag and slide the drawer back into place.



Image: Demonstrating the easy removal of the waste bag from the bin.

4.2 Cleaning the Liner Pad and Drum

The removable liner pad can be easily detached from the drum for washing. The drum itself can also be removed for thorough cleaning. Ensure all parts are dry before reassembling.



Image: Overview of removable components for effortless cleaning.



Image: Visual guide for disassembling and cleaning the unit.

4.3 General Cleaning

Wipe the main unit's exterior with a damp cloth. Avoid direct water exposure to electronic components. The included brush can be used to sweep away any litter residue.

5. Troubleshooting

Refer to the 'Buttons & Indicators' label on the device for specific light signals. If an issue persists, try the following:

- **Cleaning Cycle Interruption:** If the cleaning cycle stops unexpectedly, check if a cat has entered the box. The safety sensors will pause operation. The cycle will resume once the cat exits.
- **Wi-Fi Connection Issues:** Ensure your router is broadcasting a 2.4GHz signal. Long press the Wi-Fi button on the device to initiate pairing mode. If connection fails, try restarting your router and the litter box.
- **Error Indication:** If all three indicator lights flash simultaneously, reinstall the waste drawer to ensure it is properly seated.
- **Device Reset:** To reset the device, press the 'Empty' and 'Clean' buttons simultaneously.

6. Specifications

Feature	Detail
Item Weight	23 Pounds
Product Dimensions (LxWxH)	22.5" x 21.4" x 16"
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic
Color	Champagne
Litter Box Type	Automated Self-Cleaning Litter Box
Control Method	Buttons on device, WiFi App Control
Waste Bin Capacity	10 Liters (approx.)
Noise Level	< 20dB (during operation)
Compatible Litter Types	All clumping cat litter (Plant, Bentonite, Mineral, Mixed)

7. Warranty & Support

The KITPLUS Automatic Litter Box comes with a 30-day free return and exchange policy. Additionally, 1 year of product after-sales support is provided. For further assistance or inquiries, please refer to the contact information provided in your product packaging or visit the official KITPLUS website.