loktch CLB02

Upgrade Self-Cleaning Litter Box 65L

User Manual

Brand: **loktch** | Model: **CLB02**

1. Introduction

Thank you for choosing the loktch Upgrade Self-Cleaning Litter Box. This advanced system is designed to provide a clean and hygienic environment for your cat with minimal effort. Featuring a large 65L capacity, triple safety protection, automatic waste collection, and a health monitoring application, this manual will guide you through the setup, operation, and maintenance to ensure optimal performance and the well-being of your beloved pet.

2. Safety Instructions

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

- **Integrated Structure Design:** The patented integrated design of the litter box and waste bin minimizes the risk of cat entrapment to 0%. There are no sharp edges or mechanisms inside the litter compartment that could harm your cat, ensuring 100% safety.
- **Gravity Sensors:** The device is equipped with four gravity sensors at the bottom. These sensors detect your cat's presence and weight, automatically stopping rotation when a cat is inside or approaching, enhancing safety.
- **Infrared Sensor:** A front infrared sensor is capable of automatically stopping rotation when your cat approaches the unit, providing an additional layer of safety.
- **Placement:** For accurate monitoring and safe operation, place the device on a hard, flat surface. Avoid placing carpets or mats directly underneath the unit.
- **Weight Limit:** This litter box is suitable for cats weighing up to 17.6 lbs (8 kg).

Figure 2.1: Triple Safety Protection System.

The image highlights the integrated waste disposal solution, monitoring with four gravity sensors that stop rotation upon detecting weight, and an infrared sensor that stops rotation when a cat approaches, ensuring double safety.

3. Product Components

The loktch Upgrade Self-Cleaning Litter Box package includes the following items:

- Self-Cleaning Cat Litter Box (Green) x 1
- Color User Manual x 1
- 110-120V Power Adapter x 1
- Standard Drawstring Litter Covers (20 x 18 inches) x 30 pieces
- Cat Litter Mat x 1
- Protective Plate (Additional Accessory) x 1

Figure 3.1: Product Overview and Included Accessories.

This image displays the main unit of the self-cleaning litter box, a cat using it, a hand holding a smartphone showing the companion app, and the included litter mat and waste bags.

4. Setup

The loktch self-cleaning litter box is designed for easy setup with no complex installation required.

1. **Unpack the Unit:** Carefully remove all components from the packaging.
2. **Choose a Location:** Select a hard, flat, and stable surface for the litter box. Ensure there are no carpets or mats directly beneath the unit to allow the gravity sensors to function accurately.
3. **Add Cat Litter:** Open the litter compartment and fill it with a suitable type of cat litter. Refer to Section 5.1 for compatible litter types.
4. **Connect Power:** Plug the 110-120V power adapter into the designated port on the litter box, then plug the adapter into a wall outlet.
5. **Download the App:** Download the "loktch" application from your smartphone's app store (available on Google Play and Apple App Store).
6. **Connect to Wi-Fi:** Open the loktch app and follow the on-screen instructions to connect the litter box to your home Wi-Fi network. **Note: The device only supports 2.4G Wi-Fi connectivity.**

Figure 4.1: Cat Health Monitoring System and App Connectivity.

This image shows the mobile application interface for monitoring cat health, including options for immediate cleaning, tracking cat weight, and replacing litter. It also emphasizes the requirement for 2.4G Wi-Fi connectivity.

5. Operating Instructions

The loktch litter box offers both automatic and app-controlled operation for convenience.

5.1. Compatible Litter Types

The device is designed to work with various types of cat litter. Please refer to the following guidelines:

- **Recommended:** Spherical Mineral Litter, Fine Grain Bentonite Litter, Small Grain Mineral Litter, Tofu Crushed Litter.
- **Prohibited:** Crystal Litter, Long Strip Tofu Litter, Long Strip Pine Litter.
- **Special Cat Litter:** For special cat litter, ensure the diameter is ≤0.12 inches and length is ≤0.59 inches.

Figure 5.1: Compatible Cat Litter Types.

This image illustrates the types of cat litter that are suitable for use with the device, such as spherical mineral, fine grain bentonite, small grain mineral, and tofu crushed litter. It also shows prohibited types like crystal, long strip tofu, and long strip pine litter.

5.2. Automatic Cleaning

The litter box automatically detects when your cat has used it and initiates a cleaning cycle after a set delay. The integrated waste disposal system efficiently separates waste from clean litter and deposits it into the sealed collection bin.

5.3. App Control and Health Monitoring

The loktch app allows you to control the litter box remotely and monitor your cat's health in real-time:

- **Remote Control:** Initiate cleaning cycles, set schedules, and adjust settings from anywhere.
- **Health Monitoring:** The app displays information about your cat's toilet habits, including frequency, time, and weight variations. This data can help you monitor your cat's health and detect potential issues early.
- **Custom Settings:** Customize cleaning preferences, set 'Do Not Disturb' times, and manage other operational parameters.

Figure 5.2: Smart Control and Health Monitoring via App.

This image displays various screens from the loktch mobile application, illustrating features such as cat status monitoring, setting cleaning schedules, customizing cleaning options, and a 'Kids Lock' function. It also shows graphs for excretion time and usage times, providing real-time health insights.

6. Maintenance

Regular maintenance ensures the longevity and hygienic operation of your litter box.

- **Emptying the Waste Bin:** The large 9-liter waste collection compartment can hold waste for up to 15 days for a single cat (13 lbs). Monitor the app for notifications when the bin is full and replace the drawstring litter bag as needed.
- **Cleaning the Unit:** The manufacturer recommends hand washing for cleaning the main unit. Do not submerge electrical components in water. Use a damp cloth and mild detergent for external surfaces.
- **Litter Replacement:** Periodically replace all the litter in the compartment to maintain freshness and hygiene.
- **Odor Purification:** The ionic odor purification system operates physically without chemicals. Ensure the system is functioning correctly to minimize odors.

Figure 6.1: Pure Physical Operation for Odor Control.

This image details the internal mechanisms for odor control and waste management, including a self-closing bin door to prevent odor spread, an ionic odor purification system that operates without chemicals, and a baffle plate designed to solve urine and litter leakage problems.

7. Troubleshooting

If you encounter any issues with your loktch self-cleaning litter box, refer to the following common problems and solutions:

- **Device Not Connecting to App:**
  - Ensure your home Wi-Fi network is 2.4G. The device does not support 5G Wi-Fi.
  - Check Wi-Fi signal strength in the device's location.

- Restart the litter box and your router.

- **Inaccurate Weight Monitoring/Cleaning Issues:**
  - Verify the litter box is placed on a hard, flat surface. Carpets or uneven surfaces can interfere with gravity sensor readings.
  - Ensure the cat's weight is within the supported range (up to 17.6 lbs / 8 kg).
- **Litter Leakage/Ineffective Cleaning:**
  - Check if the correct type of cat litter is being used (refer to Section 5.1).
  - Ensure the litter level is appropriate, not overfilled or underfilled.
- **Excessive Noise During Operation:**
  - The device is designed for quiet operation (noise level ≤35DB). If it's unusually loud, check for any obstructions in the rotating mechanism or contact support.
- **Cat Refuses to Use the Litter Box:**
  - Allow your cat time to adjust to the new litter box. You can try placing some of their old litter inside initially.
  - Ensure the entry height is comfortable for your cat. The low-entry design is friendly for short-legged and elderly cats.

Figure 7.1: Noise Level of the Litter Box.

This image depicts the litter box in a home environment, emphasizing its quiet operation with a noise level of less than 35dB, ensuring a peaceful environment for both pets and owners.

8. Specifications

Feature	Specification
Model Number	CLB02
Dimensions (L x W x H)	55 x 48 x 51.99 cm (18.9" x 20.5" x 19.9")
Weight	9.07 kg (16.09 lbs)
Cat Toilet Space	65 Liters (17.2 GAL)
Poop Collection Bin Capacity	9 Liters (2.4 GAL)
Maximum Cleaning Time (for 1 cat)	Up to 15 days (for 13lb cat)
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	White
Wi-Fi Specification	2.4G Wi-Fi only
Noise Level	≤35DB
Care Instructions	Hand wash only
Specific Uses	Indoor

Figure 8.1: Product Details and Dimensions.

This image provides a comprehensive table of product details, including cat toilet space, poop collection bin capacity, total machine weight, volume, safety structure, odor purification method, maximum cleaning time, and Wi-Fi specifications, along with detailed dimensions.

9. Warranty and Support

loktch is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your loktch self-cleaning litter box comes with a 12-month after-sales service. We offer free replacement for any damaged part within one year of purchase.
- **Contact Support:** If you have any questions or encounter issues during the use of your product, please do not hesitate to contact us. Our customer support team is available to assist you, even if the product is outside the initial 30-day return period.

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.

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

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