Duabes self cleaning litter box

Duabes Automatic Self-Cleaning Litter Box User Manual

Model: self cleaning litter box

Brand: Duabes

1. Introduction

Thank you for choosing the Duabes Automatic Self-Cleaning Litter Box. This innovative system is designed to provide a hands-free, hygienic solution for managing your cat's litter needs, ensuring a fresh and clean environment for your feline companions and your home. With its advanced features, including smart sensors, APP control, and low-noise operation, this litter box offers unparalleled convenience and peace of mind.

This manual provides detailed instructions for setting up, operating, and maintaining your Duabes Automatic Self-Cleaning Litter Box. Please read it thoroughly before use to ensure proper function and safety.



Figure 1.1: Duabes Automatic Self-Cleaning Litter Box Overview

This image displays the Duabes Automatic Self-Cleaning Litter Box in a home setting, highlighting its sleek design, the accompanying litter mat, and a smartphone screen showing the control app interface. A cat is seated next to the unit, emphasizing its suitability for feline use.

2. Product Components

The Duabes Automatic Self-Cleaning Litter Box package includes the following items:

- Self-cleaning litter box unit
- Litter mat
- Power adapter
- User manual (this document)
- Trash bags



Figure 2.1: Key Features and Components

This diagram illustrates the various features and components of the Duabes Automatic Self-Cleaning Litter Box, including safety protection, infrared sensor, 13L trash bin, gravity sensor, app remote control, ambient light, odor-free waste disposal, easy to clean design, low noise design, 76L large capacity, and the cozy litter mat.

3. Setup Guide

3.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Place the litter box on a flat, stable surface in a well-ventilated area. Ensure there is enough space around the unit for proper operation and maintenance.
3. Position the included litter mat in front of the litter box entrance to help reduce litter tracking.

3.2 Litter Filling

The Duabes Automatic Self-Cleaning Litter Box is compatible with most types of clumping and natural cat litters. **Do not use crystal litter or large particle pine litter** as these may interfere with the cleaning mechanism.

1. Ensure the unit is powered off and the drum is in its home position.
2. Pour your preferred compatible cat litter into the drum. Do not overfill; refer to the maximum fill line inside the drum.



Figure 3.1: Compatible Litter Types

This image illustrates the types of cat litter compatible with the Duabes Automatic Self-Cleaning Litter Box, including plant-based, bentonite, mineral, and mixed litters. It also shows a hand pouring litter into the unit.

3.3 Power Connection and Initial Start-up

1. Connect the power adapter to the unit and then plug it into a standard electrical outlet.
2. The unit will perform an initial calibration cycle. Allow it to complete this process without interruption.

3.4 App Setup (Tuya Smart)

For full functionality and remote control, download the "Tuya Smart" App on your smartphone.

1. Download the "Tuya Smart" App from your device's app store (iOS or Android).
2. Register or log in to your account.
3. Follow the in-app instructions to add your Duabes Automatic Self-Cleaning Litter Box. This typically involves putting the device into pairing mode and connecting it to your home Wi-Fi network.

4. Operating Instructions

4.1 Automatic Cleaning Cycle

The litter box is designed to automatically clean after your cat uses it. Built-in sensors detect when your cat has exited the unit and initiate a cleaning cycle after a preset delay (adjustable via the app).

4.2 Manual Cleaning

You can initiate a cleaning cycle manually using the control panel on the unit or through the "Tuya Smart" App.

4.3 Smart App Functions

The "Tuya Smart" App provides comprehensive control and monitoring capabilities:

- **Remote Control:** Start/stop cleaning cycles, empty the drum, or reset the unit.
- **Usage Tracking:** Monitor your cat's usage times and frequency.
- **Weight Monitoring:** Track your cat's weight, which can be useful for health monitoring.

- **Customizable Settings:** Adjust the delay time before cleaning, switch between automatic and manual modes, and set custom cleaning intervals.
- **Ambient Lighting Control:** Change the color (6 options) and brightness of the internal ambient light.
- **Alerts:** Receive notifications for waste bin full, errors, or other important status updates.



Figure 4.1: Intelligent Control via Smart App

This image shows the Duabes Automatic Self-Cleaning Litter Box alongside a smartphone displaying the "Tuya Smart" app interface, which allows users to control and monitor the device remotely, including viewing operation logs and current status.

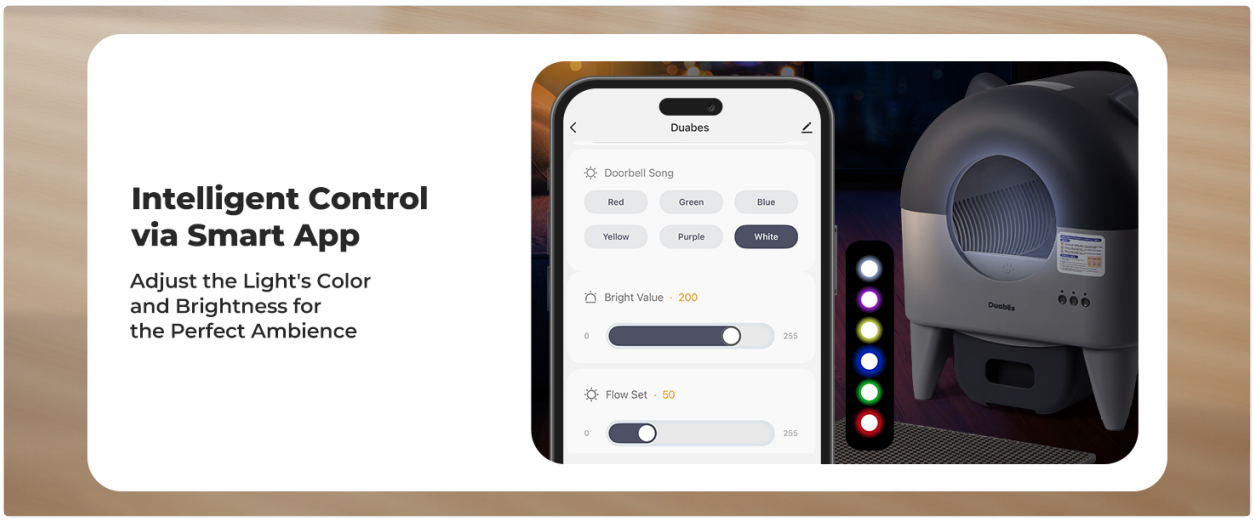


Figure 4.2: Adjusting Ambient Lighting via App

This image highlights the app's functionality to adjust the ambient lighting within the litter box, showing various color options and brightness controls for creating a comfortable atmosphere for your cat.

4.4 Safety Features

The Duabes litter box is equipped with multiple safety sensors to ensure your cat's protection:

- **Infrared Sensors:** Automatically pause the cleaning cycle if your cat approaches or enters the unit during operation.
- **Weight/Gravity Sensors:** Precisely detect your cat's presence inside the drum, preventing accidental activation of the cleaning cycle.
- **Motor Overload Protection:** Automatically stops the motor if it encounters excessive strain, preventing damage and ensuring safe operation.



Figure 4.3: Multiple Safety Sensors

This image demonstrates the safety features of the Duabes Automatic Self-Cleaning Litter Box, showing a cat near the unit and highlighting the infrared and gravity sensors that ensure the cleaning process halts if a cat is detected inside or nearby.

4.5 Low Noise Operation

The unit operates at a low noise level (approximately 35dB), ensuring a peaceful environment for both you and your pets, even during cleaning cycles.



Figure 4.4: Quiet Operation

This image illustrates the low noise level of the Duabes Automatic Self-Cleaning Litter Box, comparing its 35dB operation to common sounds like aircraft takeoff, car horns, and street noise, emphasizing its quiet performance.

5. Maintenance

5.1 Emptying the Waste Drawer

The waste drawer has a 13L capacity and should be emptied regularly, typically every 2-4 weeks for one cat, depending on usage. The app will notify you when the waste bin is full.

1. Ensure the unit is in standby mode or powered off.
2. Pull out the waste drawer from the bottom of the unit.
3. Remove the used trash bag, tie it securely, and dispose of it.
4. Place a new trash bag in the drawer and slide it back into the unit until it clicks into place.

5.2 Cleaning the Unit

For thorough cleaning, all parts of the litter box are removable for hassle-free maintenance.

1. **Disassembly:** Carefully remove the top cover, then the drum, and finally the drum liner. The trash bin can also be removed.
2. **Cleaning:** Wipe down all surfaces with a damp cloth and mild, pet-safe detergent. Avoid using abrasive cleaners or harsh chemicals. Ensure all parts are completely dry before reassembly.
3. **Reassembly:** Reassemble the unit by reversing the disassembly steps, ensuring all parts are securely in place.



Figure 5.1: Easy to Clean & Maintain

This image provides an exploded view of the Duabes Automatic Self-Cleaning Litter Box, demonstrating how the top cover, drum, drum liner, and trash bin are all removable for easy and thorough cleaning.

6. Troubleshooting

If you encounter any issues with your Duabes Automatic Self-Cleaning Litter Box, please refer to the following common troubleshooting steps:

- **Unit Not Responding:** Ensure the power adapter is securely connected and the outlet is functional. Check the app for any error messages.
- **Cleaning Cycle Not Starting:** Verify that no cat is currently inside or near the unit (safety sensors will prevent operation). Check litter levels and ensure the waste drawer is properly inserted.
- **Odor Issues:** Ensure the waste drawer is emptied regularly. Check for any litter stuck in the drum or waste chute that might be causing odors.
- **App Connectivity Issues:** Ensure your litter box is within range of your Wi-Fi router. Restart the app and, if necessary, re-pair the device following the app setup instructions.
- **Unusual Noises:** Check for any obstructions in the drum or cleaning mechanism. Ensure the unit is placed on a flat, stable surface.

For persistent issues or problems not listed here, please contact Duabes customer support.

7. Specifications

Feature	Specification
Model Name	self cleaning litter box
Brand	Duabes
Dimensions (L x W x H)	21.6"L x 19.6"W x 26"H
Item Weight	29.7 Pounds
Litter Capacity	76L
Trash Bin Capacity	13L
Compatible Cat Weight	2.2 lbs to 24.2 lbs
Noise Level	Approximately 35dB
Material	Plastic, Polypropylene (PP), Acrylonitrile Butadiene Styrene (ABS)
Color	Grey
UPC	850067049470

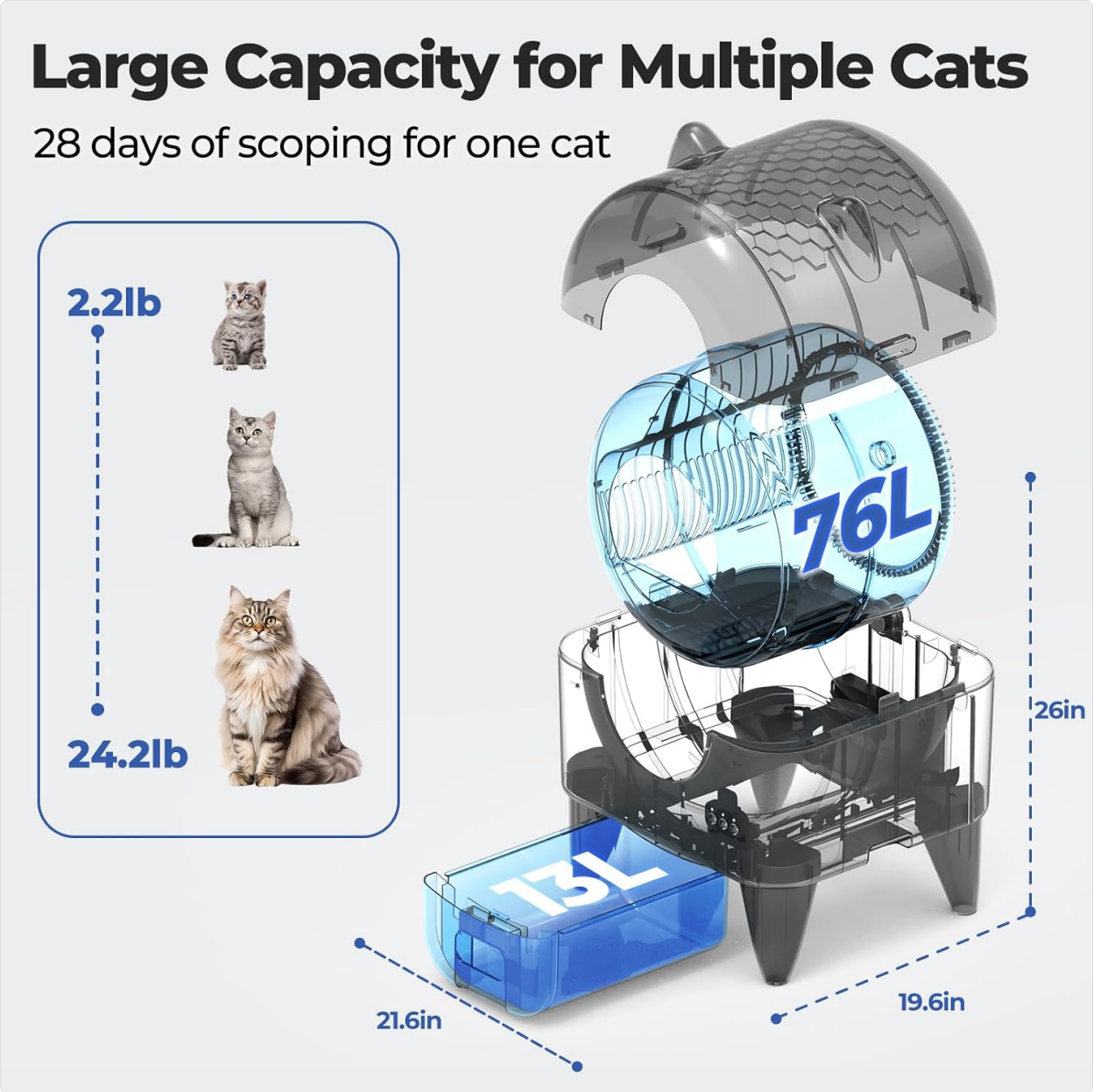


Figure 7.1: Large Capacity for Multiple Cats

This image provides a detailed view of the Duabes Automatic Self-Cleaning Litter Box's internal structure, highlighting its 76L litter capacity and 13L trash bin. It also indicates the suitable cat weight range (2.2 lbs to 24.2 lbs) and overall dimensions.

8. Warranty and Support

8.1 Warranty Information

The Duabes Automatic Self-Cleaning Litter Box comes with a **30-day return and exchange policy** and a **1-year product support warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Duabes customer support through the contact information provided on our official website or through your purchase platform.

Our support team is available to assist you with any issues you may encounter.

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