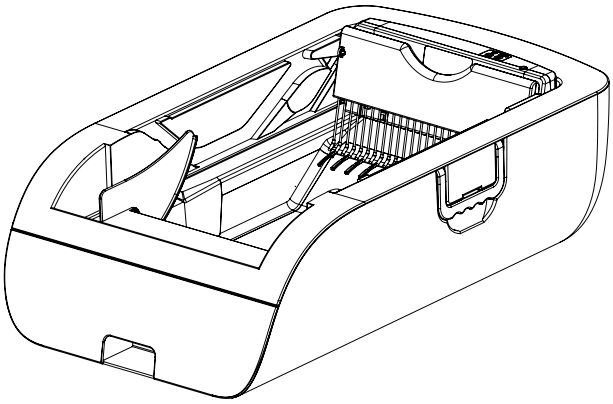
AUTOMATIC SELF-CLEANING

CAT LITTER BOX



Applicable To Models Below:

MA1-XX-Pro (Button Version)
MA2-XX-Pro (APP 2.4G WIFI)
MA3-XX-Pro (APP 2.4G&5G WiFi)

Before using,please read the manual carefully and keep it properly for reference

Catalogue

1 ▶ Important Notification ---------- 02

2 ▶ Product Introduction ---------- 04

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4 ▶ APP Manual (*The Instruction Only Suit For APP Version) ---------- 10

5 ▶ Clean and Care ---------- 12

6 ▶ Fault Occurs ---------- 15

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Important Notice

Note

The manual is suitable for all MA series (Button and APP version), and introduce all components, Therefore, some parts or operating instructions described in the manual may not be equipped on your machine.

All models provided in this manual are the latest information as of the time of printing. Howeven, is constantly upgrading and improving its products, the content contained in this manual may be updated at any time without prior notice.

According to different models, the picture in manual is for reference only, please be subject to the actual products.



Please read through this user manual before using the product and keep the manual for future use.

Important Notice

Safety Instructions 

Please follow the following rules and instructions before using.

The product is different from toys, the minor must use the automatic litter box under the supervision of guardian.

Not intended for use by the following cats:
1. Kittens under 6 months
2. Weighing less than 1.5 kg
3. Handicapped,incapacitated or older cats that may experience difficulty in entering or leaving the litter box

---

It is designed to work with small particle agglomerated cat litter (e.g.bentonite cat litter or mineral cat litter)
Note: Do not use strips-shaped, column-shaped, crystal or non-clumping cat litter.

Regularly replace the garbage plastic bag according to cat defecation volume to prevent overflow.

This product should be placed on a dry, stable, and level place

---

Before connecting to the power source, make sure the voltage rating matches the local power supply voltage. Any other power may cause irreversible damage to the box.

Do not expose the box to high temperatures or damp environments otherwise it may bring damage to the circuitry or corrosion and rusting of metal components.

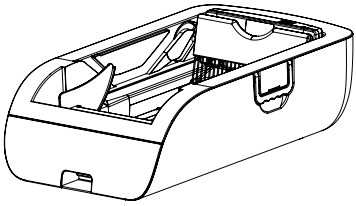
If you don't plan to use this product for an extended period, turn off the power and unplug the adapter.

For more information, please follow our details page or contact our customer service.

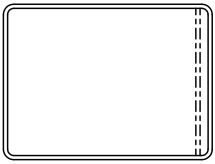
Product Introduction

Packing List

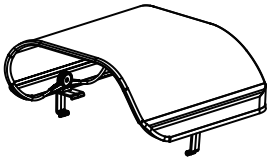
Please check box and accessories after opening the package.



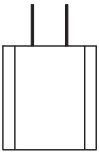
Cat litter box*1



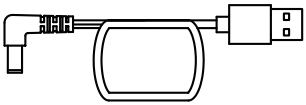
Litter mat*1
(Note: Some model configurations)



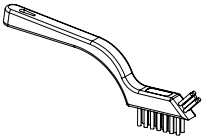
Tent*1
(Note: Some model configurations)



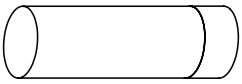
Power adapter*1



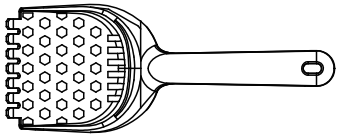
USB power supply*1



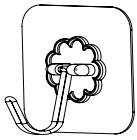
Double-side clean brush*1



Garbage bag*1rolls
（20pcs/roll）



Cat litter scoop*1



Sticky hook*2



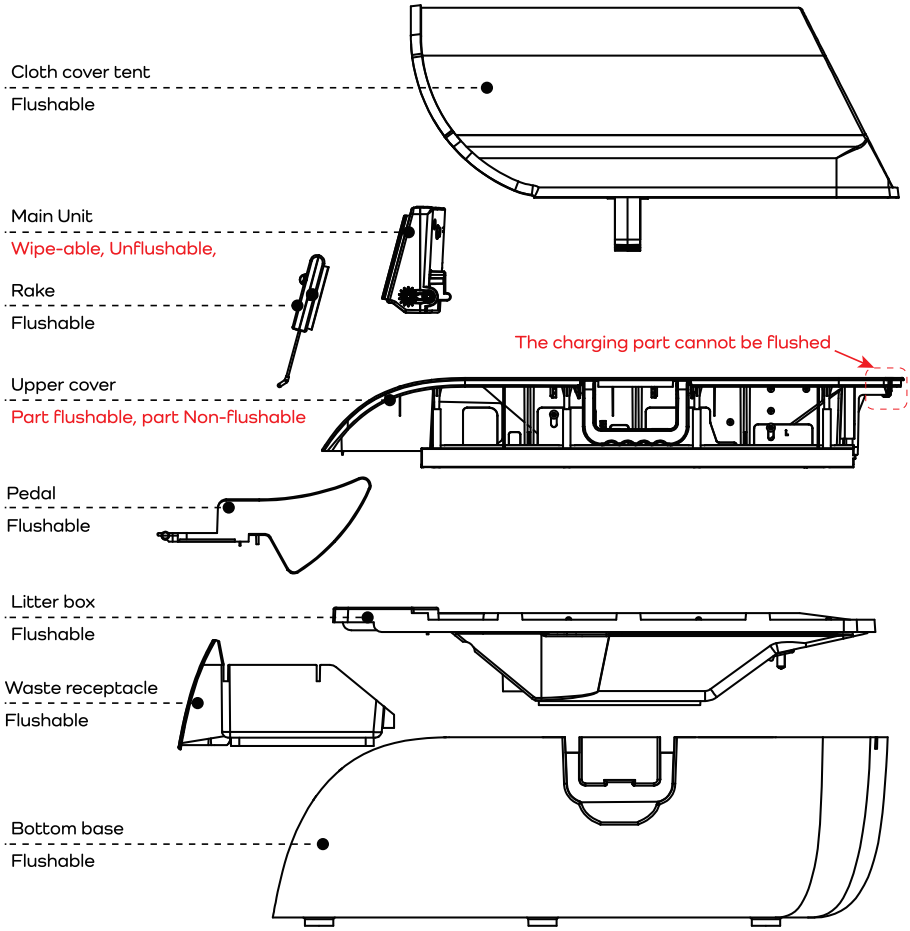
Instruction manual*1



Attentions*1

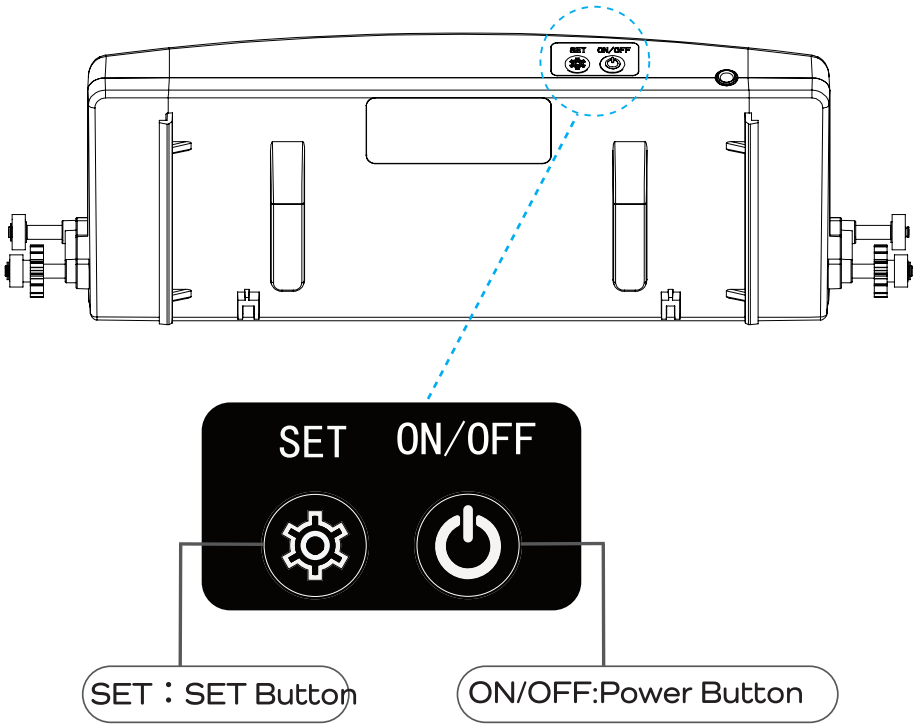
Product Introduction

Assembly pieces description



Product Introduction

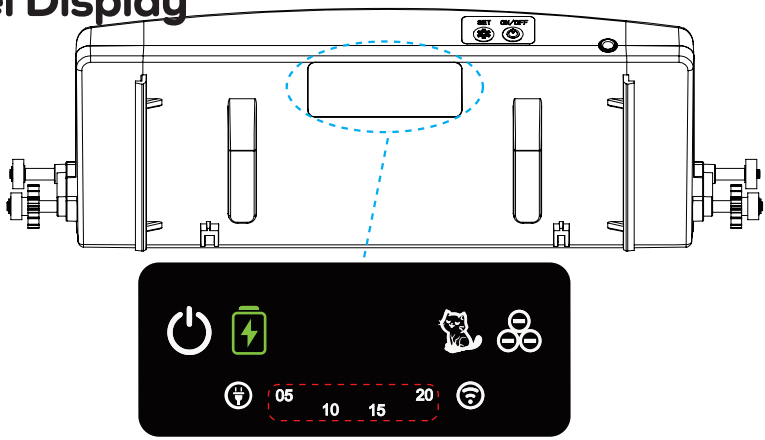
Button Description



Pattern	Button Name	Button Version	APP Version
SET	Set Button	Short Press: Setting clumping time	Long press 5S: Reset WiFi Clumping time setting via App
ON/OFF	Power Button	Short Press: Start Or Stop motor running	
		Long Press 3S: Power off	

Product Introduction

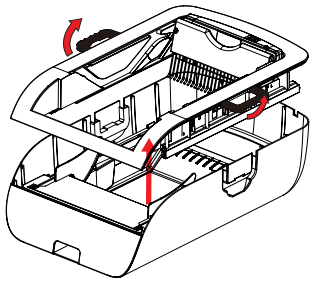
Panel Display



Pattern	Status	Display Description
	External Power Supply	When the external power supply is connected, it lights up, and when it is removed, it turns off
	Power on Status	When the device is power on,and battery level beyond 10%, it will show white.
	Low battery Status	when the device is power on,and battery level less 10%,it will show red.
	In the charging	The battery is being charged, and the battery level is less than 80%,the red light is on
	Charging finished	The battery is being charged, and the battery level is beyond 80%, the red light is on
	In the toilet	When the cat is in the litter box, it lights up, and when it leaves, it lights out
	Deodorization	when cat finish pooping, start to deodorize and sterilize.
05 10 15 20	*Clumping time setting	For Button Version,display the current clumping time setting. which could set time for 5/10/15/20 minutes APP version setting via App
	*WiFi indicator	For APP version, display the WiFi status: a.Indicator lights flash 3 times for 1S, it means WiFi not connect b.Indicator lights flash 1 time for 1S, it means WiFi connected except the router. c.Indicator lights up , it means WiFi connected and connected normally.

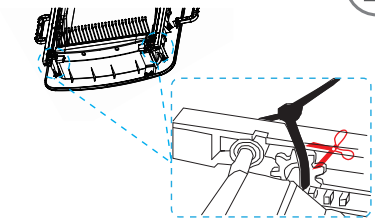
Installing Instruction

1



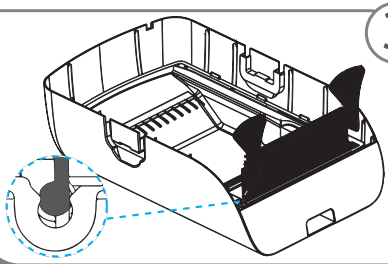
Unpack and take box out, open the handle and pull the upper cover upward.

2



Revise the upper cover, and then use scissors to cut off the two cable ties at the position shown in the figure.

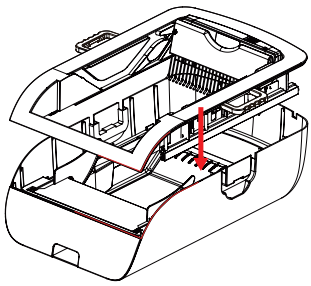
3*



Insert the paw pedal follow diagram and put the buckle in it

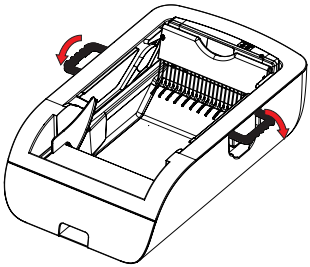
NOTE:The step only for modal with tent, and you can skip it if your machine not equip with tent as it has been preinstalled for models without tents.

4



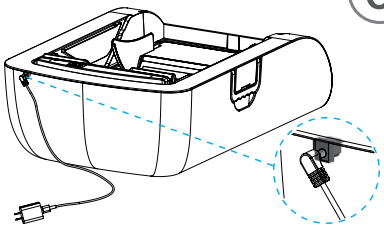
Put the upper cover on the bottom base, and check whether the edge align with, as seen in the picture.

5



Fasten the handle to the corresponding groove on the base

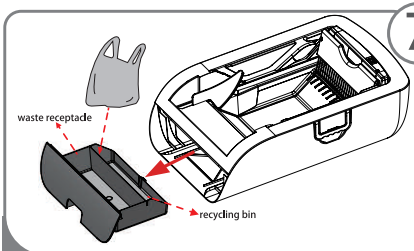
6



Take out the power adapter supply and connect it follow the picture

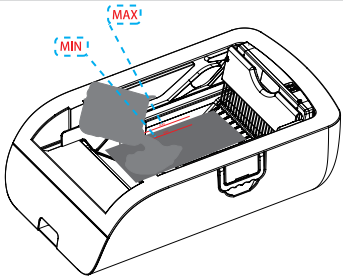
Indicator Introduction

7



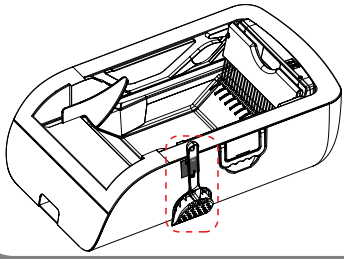
Draw out the waste box and then put the waste bag on it , and draw in.
Note: Waste box divide into waste receptacle and recycling bin, and the clean litter collected in the recycling box could be used again.

8



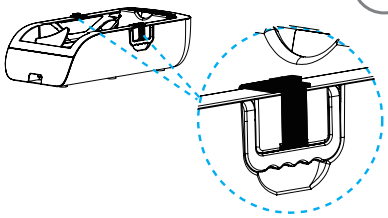
Pour into about 4-5kg litter, not exceed the Max line or lower than the Min line, and 1-2.5MM litter is allowed for the box.

9



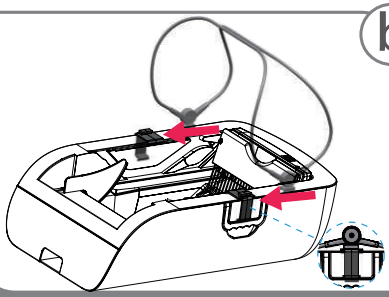
Attach the sticky hook to the litter box, and hang the litter shovel to the hook, the step is not required for litter box using.

a*



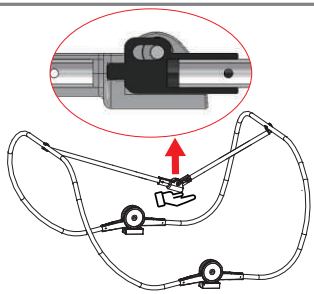
Turn up the handle and insert the tent support frame into the slot.
NOTE:The step only for modal with tent!

b*



Turn the gap of the rotating seat of the tent to the back and align it with the tent bracket
NOTE:The step only for modal with tent!

c*



Open the tent and lift the support rod up to the horizontal position
NOTE:The step only for modal with tent!

(*only for APP version)

App Instruction

App Network matching

a.Turn on the power switch

b.The Wi-Fi indicator blinks fast(This means the box is ready to be connected to the app)

c.Turn on the blue tooth of your mobile phone

d.Follow the instructions in the APP of your mobile （Refer to the guide below)



1.Quick login
And check agree



2.Click Add device



3.Discover devices
and add



4.Find device
<CAT LITTER BOX>
Click "+"



5.Enter the WiFi
password,Click Next

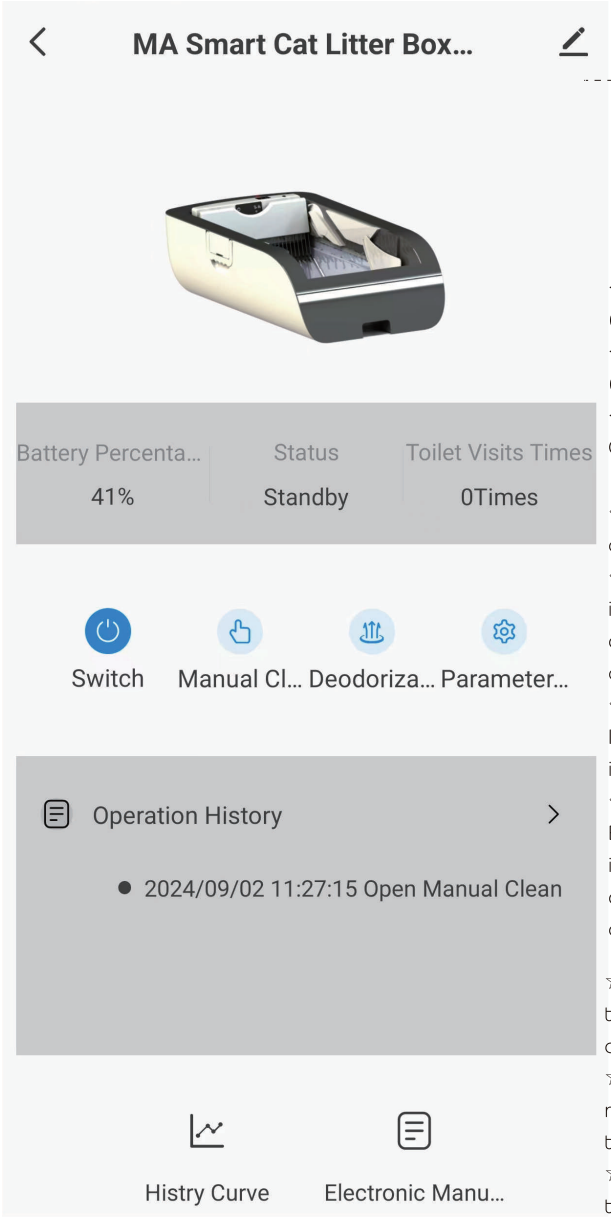


6.Waiting to install
equipment until
successfully added

(*only for APP version)

App Instruction

Introduction to APP Features



Device Name Setting and Sharing Access Port

·Real-time Battery Level Display (Non-Interactive)
·Real-time Work Status Display (Non-Interactive)
·Real-time Daily Toilet Visit Count Display (Non-Interactive)

◇Switch: Icon lights up for on, off for off, interactive
◇Manual Shovel: Icon can be interacted with when off, automatically turns off after completion
◇Deodorization and Sterilization: Icon lights up for on, off for off, interactive
◇Parameter Settings:
Enter parameter settings when icon is off, can set clumping time, deodorization time, cleaning frequency, etc.

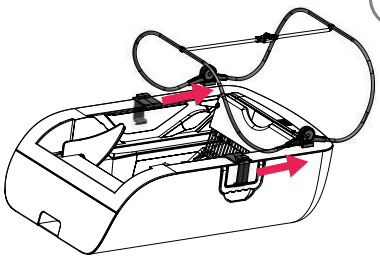
☆Work Log: Records the cat's toilet usage and the machine's operational status
☆Historical Curve: Health management tool for recording the cat's daily toilet visits
☆Electronic Manual: Click to view the electronic manual

Cleaning & Maintenance

Tent Disassembly and Cleaning

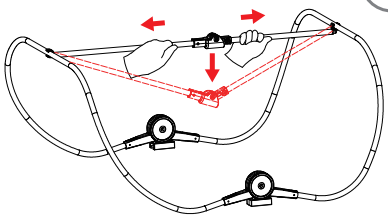
Note: If a tent is installed, proceed with this step for disassembly and cleaning

1



Push the tent swivel lock backward to remove the tent from the cover. Then, lift the side handles upwards to remove the tent frame, allowing you to wash the detached fabric tent.

2

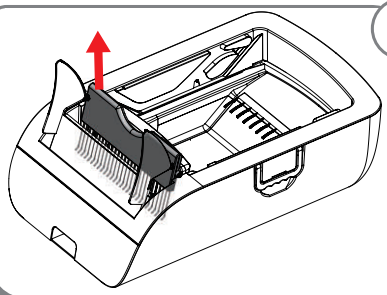


To disassemble the tent, pull it in both directions along the support rods. After unlocking, bend and store the tent.

Whole Box Cleaning

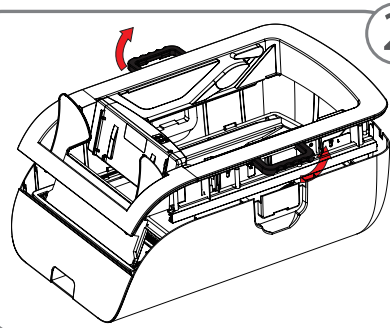
For parts of the product that are washable, refer to the assembly part instructions. All parts except for the main unit and upper cover charging area are washable. Follow these steps for disassembly and cleaning.

1



Turn on the machine and let it move to the front position. Press ON/OFF briefly to pause the machine. Then, remove and clean the rake.

2

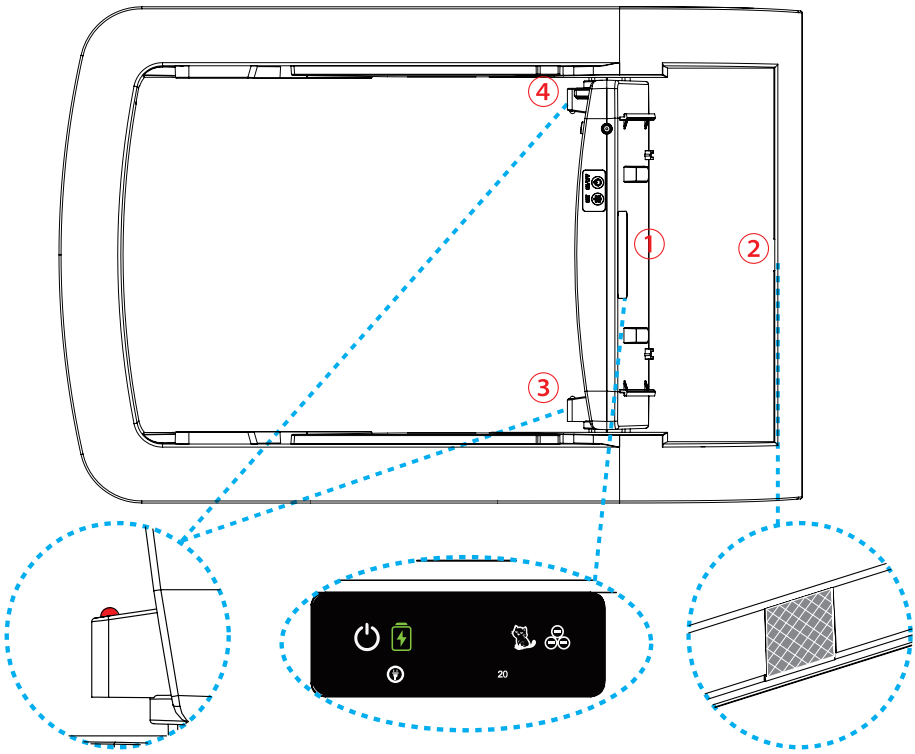


Stop the main unit at the front position, open the side handles of the cover, and then lift the upper cover component upwards.

Cleaning & Maintenance

Sensors Cleaning

Since some cat litter may has dust, it can interfere with the machine's sensors and cause operational issues. Regular cleaning of the sensors is required:



①Sensor Probe Cleaning: Use a towel to wipe the display panel on top of the main unit, as there are sensors behind the panel.

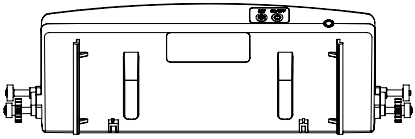
②Sensor Membrane Cleaning: Wipe the membrane clean with a towel to ensure there is no coverage, which helps in accurately detecting signals from the sensor probe.

③④Anti-Clamping Beam Cleaning: Wipe the lamppost on the back of the main unit with a towel to ensure normal signal transmission.

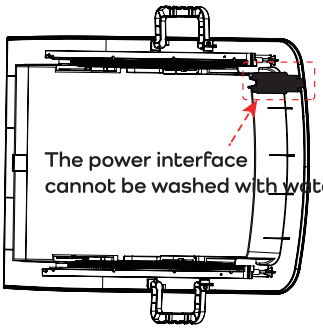
Cleaning & Maintenance

Cleaning of components

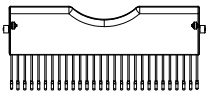
Carefully clean the components
(Do not rinse directly with water as it may cause damage to the parts)

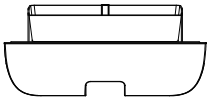


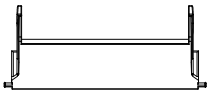
The host cannot be washed with water because there are internal circuits

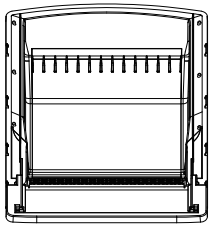


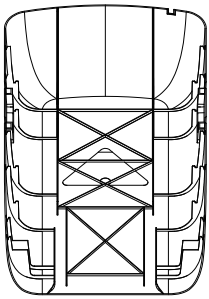
The following components can be directly rinsed and cleaned.
After cleaning, please air dry or wipe dry with a towel before use!











Fault Occurs



The above figure shows the indicator light display under normal conditions.
When a fault occurs, troubleshoot according to the fault display in the table below

Pattern	Faults	How to deal it
	The Power Indicator Light Is Off	a.Unable to open box, the box may seriously low on power, and needs to be charged through the backup charging port until the power light turns white. b.Suggest to connect the power source.
	The Power Indicator Light Turns Red	a.If the main unit not work when pressed ON/OFF button, it needs to charge when the power indicator light turns white. b.Suggest to connect the power source.
	The External Power Indicator Light Is Off	a.Ensure you are using the original adapter. b.Adapter is right connect to the plug board. c.Check the backup charging port on the main unit is charging or not.
	Cat Indicator Light Is Abnormal	a.Please cleaning the sensors and sensing diaphragm according to the "Sensors Cleaning"before. b.The cat is too small to trigger the sensors. c.If the cat enters the toilet less than 5 seconds, also can not trigger sensors.
	All indicator lights turn off After turning on, Charging Indicator Light Flashing	a.The box is off, restart box, the charging indicator light flashes. b.Check if the magnet on the front of the upper cover is lost, press and hold the SET button for 5 seconds to reset the error code.
	All indicator lights turn off After turning on, Cat Indicator Light Flashing	a.The box is off, restart box, the cat indicator light flashes. b.Cleaning the anti-clamping beam lamppost according to the "Sensors Cleaning"before, press and hold the SET button for 5 seconds to reset the error code.
	All indicator lights turn off After turning on, Charging&Cat Indicator Light Flashing	a.The box is off, restart box, the charging&cat indicator light flashes. b.Too much cat litter added, foreign objects stuck in the litter box, too much cat feces left, causing the machine to overload protection, you need to manually clean it and then press and hold the SET button for 5 seconds to reset the error code.
	*WiFi Indicator Flashes (Applicable To App Version)	a.WIFI indicator flashed 3 times a second, it needs to set internet b.WIFI indicator flashed 1 time a second, long press the SET button for 5 seconds for resetting WIFI and connecting
	Not Cleaned Up	a.The clumping effect of cat litter is poor, and it is necessary to replace the cat litter with better clumping effect. b.Clumping time set too short to clump, adding clumping time to improve the clumping effect.

If the problem is still not resolved, please contact customer service and provide pictures or videos of the malfunction. Once we receive your message, we will contact you. Thank you.

Product parameters

Basic Specifications	
Product Name	KKLLIM Self-cleaning Cat Litter Box
Product Number	MA1-XX-Pro（Button Version）
	MA2-XX-Pro（APP 2.4G）
	MA3-XX-Pro （APP 2.4&5G）
Product Size	760MM x 470MM x 245MM （No tent）
	760MM x 480MM x 480MM （With tent）
Product Weight	9.5KG
Main Product	ABS
Operating Voltage	DC 5V
Rated Power	10W
WIFI connection	WiFi-2.4G & 5G（Only App version has this）
Litter Capacity	3~5L
Waste Capacity	3.5L