Robot Vacuum Cleaner
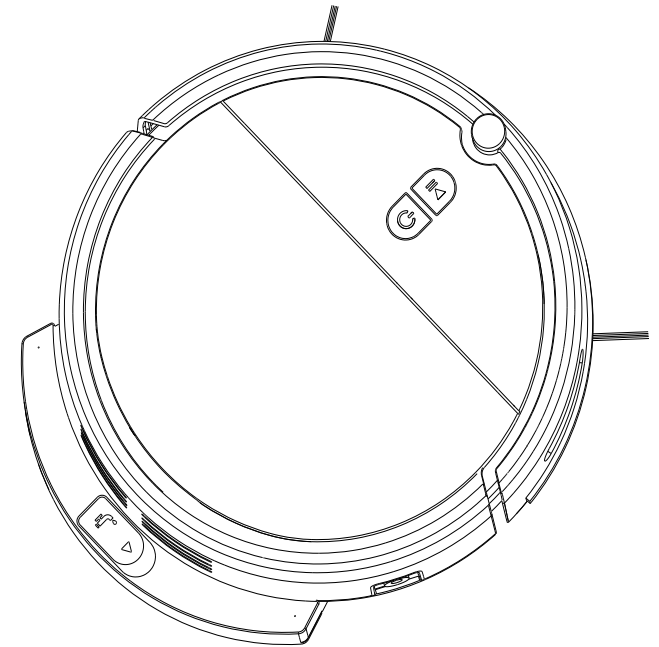
K306A User Manual

Thanks for your purchasing

Please read this manual carefully before using

Contents

5. Troubleshooting

If the machine breakdown when cleaning, please follow below situation firstly

| Situation	Possible Reason	Solution
Unit can not work	Unit not turned on	Turn on power switch
	Ran out of battery	Charge with adapter
Unit can not charging	Charging contact fail	Ensure adapter contact OK
Unit going backwards	Cliff sensor dirty	Clean sensors with dry cloth
	Front bumper stuck	Tap front bumper
Unit cannot reverse	Front bumper problem	Tap front bumper
Unit working abnormally	Wheels tangled	Clean it
Side brush abnormal	Incorrectly installed	Reinstall correctly
	Tangled	Clean it
Vacuum effect abnormal	The dust bin or vacuum inlet is clogged	Clean dust bin or vacuum inlet
Universal wheel abnormal	Tangled	Remove wheel and clean it
Other abnormality or issue persisting	Unknown	Turn unit off and on floor and turn on again

Attention: If the above solution can't solve the problems, please contact after-sales service. Please do not assemble the machine by yourself!
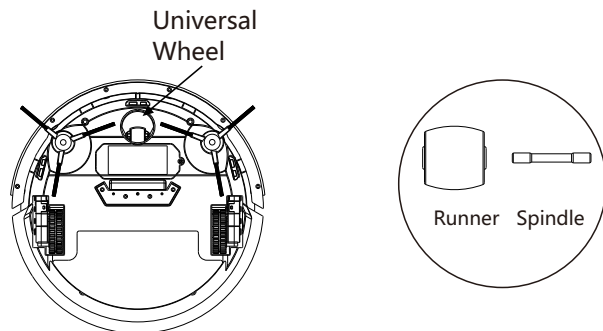
4.4 Other parts

Clean the cliff sensors to keep sensitivity high.

Cliff sensor

Cliff sensor

Cliff sensor
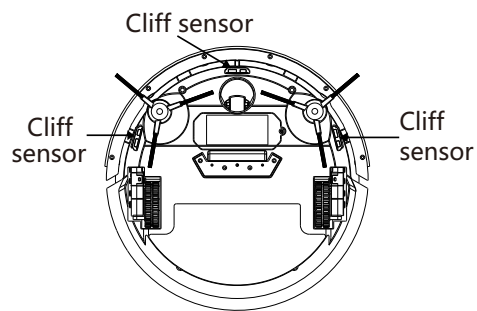
Clean the gap between the cover and bumper/clean the signal window for better obstacle avoidance.

Front Bumper
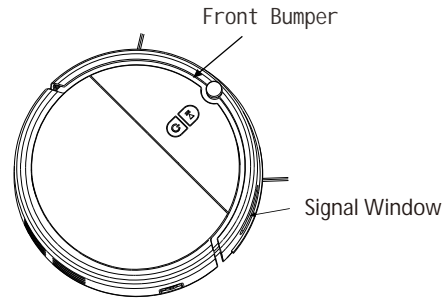
Signal Window

Clean the universal wheel, runner and spindle to reduce noise and debris getting caught.

Universal Wheel

Runner   Spindle

Use a dry cleaning cloth to clean the charging pole piece, the recharging pole piece and the signal transmitting window to ensure that the automatic charging process of the machine is smooth.

Charging pole piece

Charging pole piece

signal transmitting window

Recharging pole piece
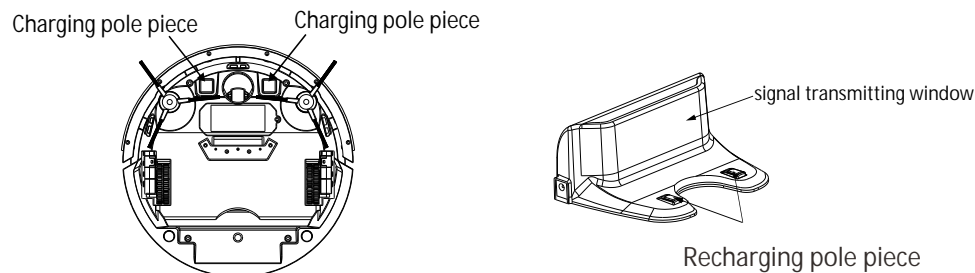
1.Safety Standard

The safety standard are intended to prevent damage to the user's person or property, so please read the following precautions carefully. The following symbols have the meanings indicated below:

⚠ Caution   Violation of safety instructions may result in minor personal injury or product damage

⚠ Warning

This product must not be disassembled, repaired or modified by anyone other than our designated service technicians. Failure to do so may result in fire or electric shock.

Do not use any other type of charger, only the one supplied with the unit. Failure to do so may result in product damage, fire, or electric shock.

Do not touch the adapter when your hands are wet (when charging) as this may result in electric shock or damage to the machine.

Do not bend the adapter cord excessively or place heavy objects on it, as this may damage the cord and result in fire or electric shock.

Do not allow clothing or any part of the body (hair, fingers, etc.) to become entangled in the machine brushes or wheels, as this may result in machine damage and personal injury.

Keep away from heat sources such as cigarettes, lighters, matches, or flammable or explosive materials, and do not flush the machine with water, as this may result in damage to the machine or fire.

⚠ Warnig

Switch off the power when transporting or leaving the machine for a long period of time

Connect the adapter to the socket and the machine to the adapter plug reliably when charging the machine.

Do not allow children to use the machine, do not use the machine when babies and young children are sleeping, and keep the machine out of the reach of children when it is not in use.

Do not place the machine in a high place so that it will not fall and cause injury to people and damage to the machine.

Do not stand or sit on the machine and do not place heavy objects on the machine.

Do not use the machine in confined spaces and remove vulnerable items (luminous objects, fabrics, glassware, etc.) before use.

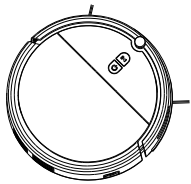Outdoor use is prohibited as it may cause the machine to malfunction.

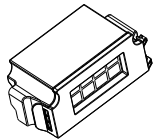Do not use it in commercial premises as it may cause damage to the machine due to overuse.
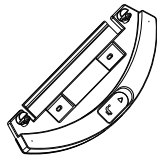
2. Product Composition
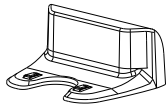
2.1 Names of components

Machine

Dust box

Water tank (with cloth)

Adaptor

Dock station

Remote Control

2.2 Structure Introduction

●Robot

Flip Cover Button

Remote Receiver Charging Poles

Cover

Dust Bin

Right Brush

Cliff Sensor

Right Wheel

Cliff Sensor Universal Wheel

Charging Poles

Left Brush

Cliff Sensor

Lef t Wheel

Water Tank
(with cloth)

Power Switch Charging Socket
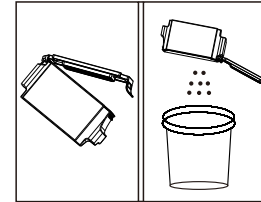
Signal
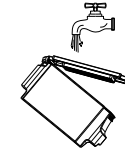Window Suction Inlet

Battry Cover
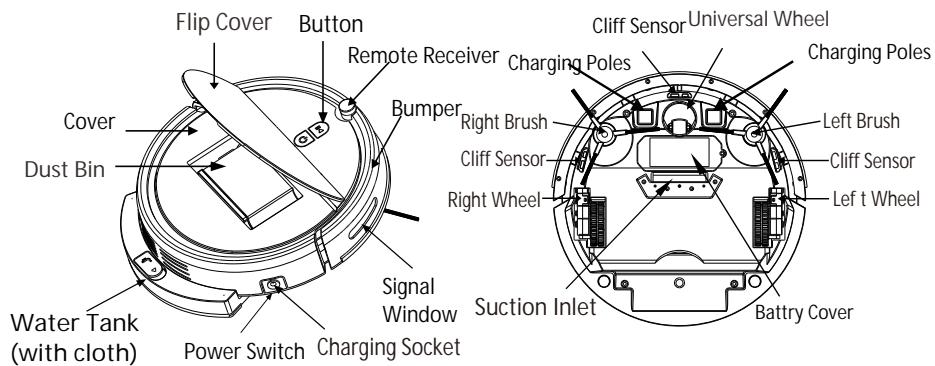
4. Maintenance

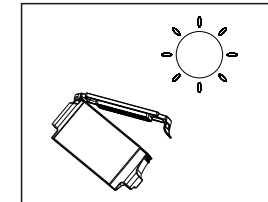## 4.1 Dust box

Remove the dust box and clean up the rubbish.

Clean the dust box (cover) with a brush or rinse with water.

Note: In order to make the machine have a continuous good vacuuming effect, the user should clean the dust box (cover) and the main machine vacuum port in time.

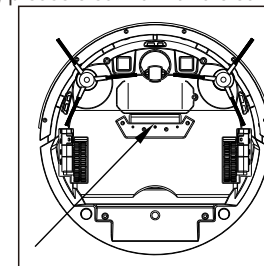Air out the dust bin for effectiveness and longevity.

4.2 Water tank (with cloth)

After mopping, empty the water tank and remove the cloth for cleaning and drying.

4.3 Suction Inlet and side brush

Cleaning the suction Inlet: If there is a lot of dust accumulated in the suction Inlet, please clean it with a clean cloth.
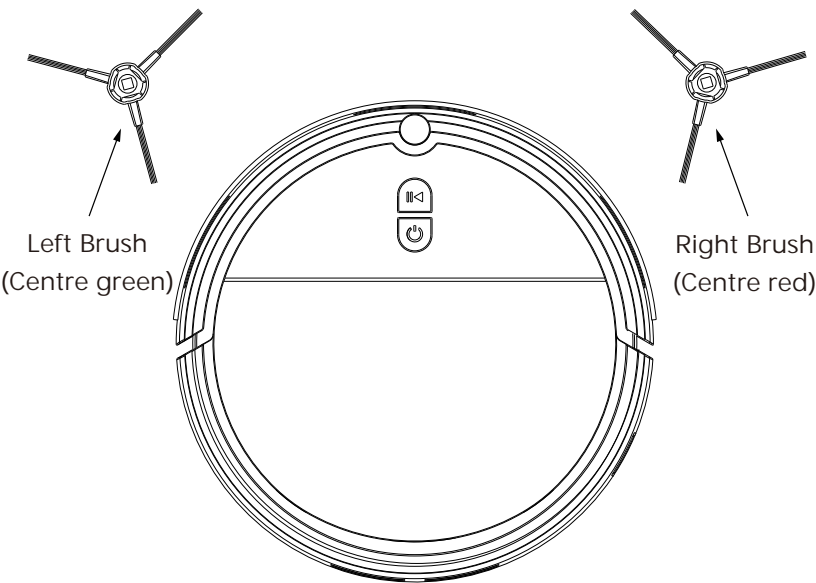
Cleaning the side brushes: remove the side brushes with gentle pressure
Clean the brushes and grooves of the brushes of debris.
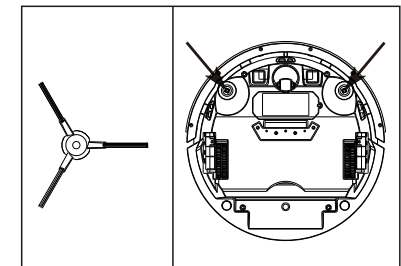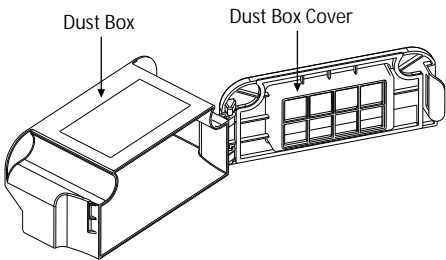
3.7 Side Brush Usage

1 Left and right side brush illustrations
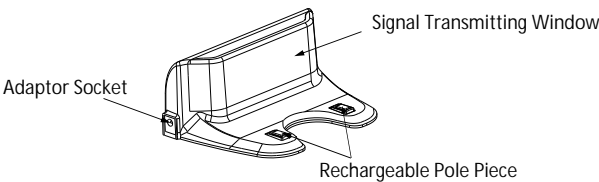
Left Brush
(Centre green)

Right Brush
(Centre red)

2 Instructions for use

1. The side brush is divided into left and right (as shown in the figure to the centre of the colour distinction) and left and right can not be interchanged;
2. In order to ensure the good use of the effect, the user should be used for some time after the machine in a timely manner to clean up the side of the brush around the entanglement of hair and other debris;
3. The user for the first time to use and replace the side of the brush, must be in accordance with the illustration of the left and right for installation and replacement (side of the brush for the buckle type, pull outward can be removed, press to install);
4. In order to make the user have a good cleaning experience, in the hair and other entangled objects in the area, please use with caution.

11.1   15.0

11   0.6

● Dust Box

Dust Box   Dust Box Cover

● Dock Station

Signal Transmitting Window

Adaptor Socket

Rechargeable Pole Piece

2.3 Technical Parameters

Model	K306A			
Work Voltage (V)	11.1	Rated Input Voltage(V)		15.0
Rated Power (W)	11	Rated input current (A)		0.6
Adaptor	JYH7Z-1500060-BC			
Input	100−240V～50/60Hz 0.5A			
Output	15V⎓ 0.6A			
Battery	1500mAh Li-ion			

*Due to the continuous improvement of the product, any technical and design changes are subject to change without prior notice.

3. Product Use

3.1 Precautions

1. Please remove power cords, cords and other debris scattered on the ground before use to avoid tripping or entangling the machine.

2. Furniture, beds and other objects with less than 7.2cm clearance at the bottom may cause the machine to get stuck during use, so please pay special attention to such areas when cleaning.

3. Before using this product on the carpet, please remove the two side brushes and mop and roll up the carpet fringe.

4. The product can be used on wooden floors, tiled floors and concrete floors, as well as on short-haired carpets (less than 1cm thick).

3.2 Quick operation

1 Charge the main unit (switch on the main unit when charging).

① Manual charging

Connect one end of the power adapter with the charging jack of the host, and the other end with the power supply, the key indicator light is flashing, charging connection is successful.
Red light is blinking, charging is in progress;
Green light is always on, charging is completed.

For first time use, please charge continuously for more than 8 hours; when charging the main unit, make sure the surface of the cloth is dry to avoid leaking wet on the floor.
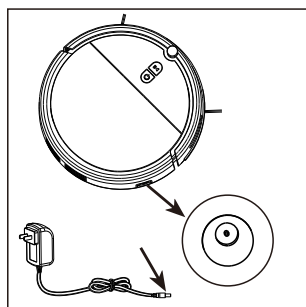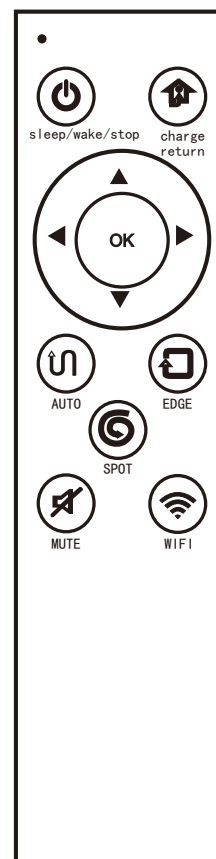
② Automatic charging

- Place the rechargeable cradle flat against the wall, with no objects placed within 1.0m to the left, right and 2.0m in front of it, and no objects with strong reflective surfaces such as mirrors.
- Connect the power adapter to the power source and to the charging station.
- When the power is low, the machine will automatically find the charging cradle and recharge it.
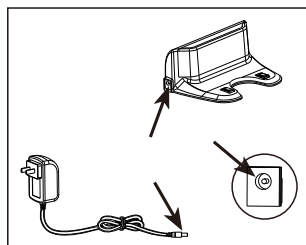
3.6 Remote Control Usage

1、 stopped working, into hibernation

2、 auto trcharge

3、 start / stop cleaning

4、 ▲ ◄ ▼ ► direction button
(use when the machine stopped

5、 start / pause automatic cleaning

6、 start / pause edge cleaning

7、 start / pause spot cleaning

8、 turn/on the voice

9、 APP connect button

3.4 Mode Selection

In order to adapt to different floor conditions and realise deep

cleaning, this product is equipped with a variety of cleaning modes,

which can be selected by the remote control according to the needs,

and the user can also control the movement of the machine through

the direction keys on the remote control.

1 Automatic Cleaning Mode
 The main unit automatically carries out planned full-coverage
 sweeping.
2 Along the edge sweeping mode
 Sweeps along the corners of the room, and the main unit sweeps
 along the fixed objects (e.g. walls).
**3** Focused cleaning mode
 Focuses on specific areas for more thorough cleaning,
 recommended for large areas with fewer obstacles such as living
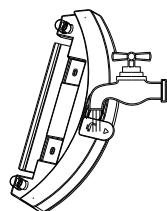 rooms.
4 Automatic recharge mode
 The machine pauses cleaning to automatically find the charging
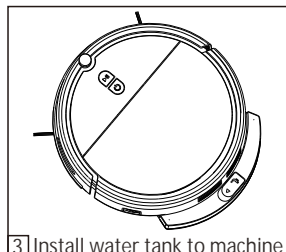 seat for recharging.

3.5 Mopping Function

This machine has a mopping function, wet the rags before use for better mopping

effect. Install the rag to the bottom of the water tank and then assemble the water

tank to the bottom of the machine to start the mopping mode.
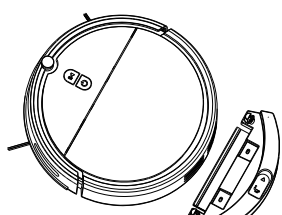
1 Remove our the water tank   2 Open plug, inject water   3 Install water tank to machine

Do not mop on carpet

---

2 Turn on the machine

Turn on the power switch of the

mainframe, the key indicator lights up,

the boot is successful.

3 Start cleaning

 Short press machine ‖◀ button
 to start automatic sweeping mode

4 Suspension of work

When the mainframe is working, press the
mainframe ‖◀ button briefly once, the
mainframe stops working. (Press the ‖◀ button
again, the host resumes automatic sweeping.)

5 Turn off the machine

After pausing the work, turn off the power switch of

the host, the key indicator goes out, and the

shutdown is successful.
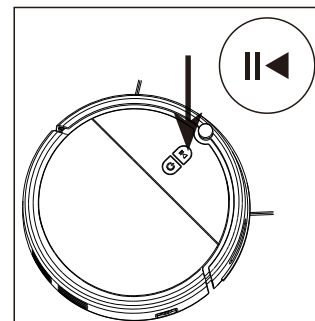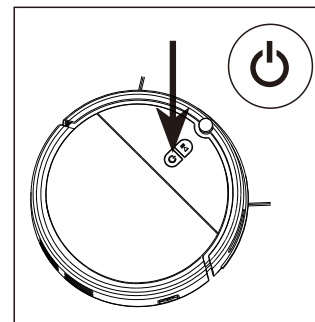
3.3 Mobile App Use

1 Mobile App Download & Instructions

Scan the QR code in the picture (or search for "TUYA" on
your mobile phone) to download and install the product
APP. For more functions, please refer to the APP
interface tips.

2 Machine WIFI Setting

Turn on the machine, long press ‖◀ button for 3-5 seconds
(or short press the "WIFI" button on the remote control), the
beep will sound and the ‖◀ button will blink, then it will
enter the WIFI setting. After the host enters the WIFI setting,
add the device in the APP interface, and connect to the
network according to the prompts.

Note: 1. After the first successful network connection, users do not need to do the
network operation again, when the WIFI signal changes, you need to re-connect to
the network.
2. This product supports mobile phone APP remote control
3. This APP supports Android and IOS users.

FCC WARNING

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

3 The detailed distribution (hotspot distribution) steps are as follows

Step 1:
Download and log in to Tuya App

Step 2: Adding device

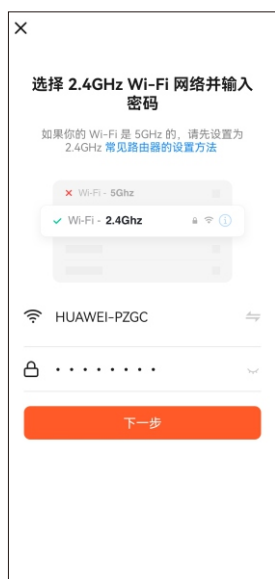Step 3:
Select the Wi-Fi method to connect

Step 7: Connect with hotspot

Step 8：
Connecting Smart Life-XXX

Step 9：
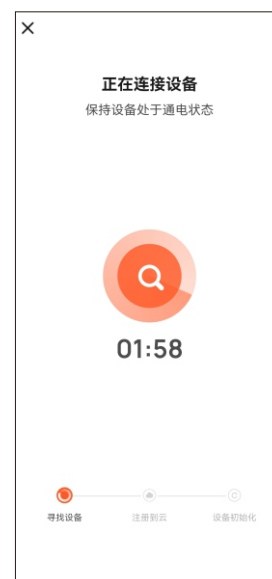Connect hotspot successful

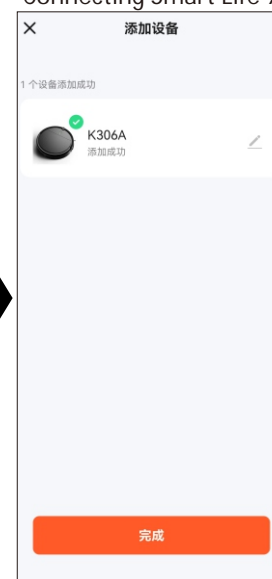Step 4:
Enter the password to
connect to the Wi-Fi

Step 5:
Make sure the machine is
in Wi-Fi mode

6

Step 6:
Selection of hotspot
distribution network

Step 10:
Wait for the device to connect

Step 11: Device
Connected Successfully

7

Step 12:
Can be controlled
remotely via APP