

Mamibot

Robot Window Cleaner

iGLASSBOT W168

EN

USER MANUAL

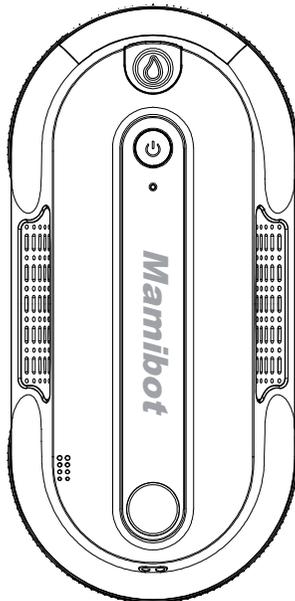
V.20241113.

Thanks for purchasing Mamibot Robot Window cleaner W168.

We hope W168 will bring you a smarter and more convenient lifestyle.

If you encounter any problem not mentioned herein, please contact info@mamibot.com.

For more details, please visit our official website: <http://www.mamibot.com>.



Please read all instructions before using this product, and keep it properly for future reference.

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Safety Instructions and Warning

Please read all instructions carefully, and keep it at hand for setting up, using and maintaining W168. Any operation that against the following instruction may damage the device or cause injury.

W168 is not to be used by children. Persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge may only use this device if they are supervised or have been given instruction about how to use it safely and understand what risks are involved.

Notes for Main Unit and Components

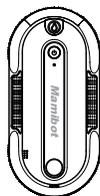
- ▲ Use only the original adapter, plug and battery. Use of other types will result in malfunction and / or danger.
- ▲ Use the proper electric outlet and make sure no heavy objects are placed on the adapter or power cord.
- ▲ Allow adequate ventilation around the adapter when using it to operate the device. Do not cover the adapter with objects that will reduce cooling.
- ▲ Always switch W168 off before carrying out any cleaning or maintenance work.
- ▲ Do not use W168 in a high moisture environment. Never handle the adapter with wet hands.
- ▲ Connect the adapter to a proper power source. The voltage requirements are found on the adapter.
- ▲ Do not use broken adapter, power cord or plug. The plug must be removed from W168 before cleaning or remaining the device. Do not un-plug the plug by pulling the power cord.
- ▲ Do not attempt to service the adapter and battery. Replace the whole unit if it is damaged or exposed to high moisture. Contact Mamibot dealer for help and maintenance.
- ▲ The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble, short circuit, heat above 40°C (104°F), or incinerate.
- ▲ Do not expose your W168, adapter and battery to rain or excess humidity, and keep it away from liquids (such as beverages, faucets, and so on).
- ▲ Avoid exposing your W168, adapter to direct sunlight or intense light source, and keep it away from heat source (such as radiators, space heater, stoves and so on).
- ▲ Do not place your W168 in the vicinity of strong magnetic fields.
- ▲ Do not use it on cracked glass or to clean other surface with uneven area as it may fall off due to insufficient suction power.
- ▲ Operating W168 at temperature: 0°C-40°C (32°F-104°F)
- ▲ W168 must be used in accordance with the instruction manual.

▲ Manufacturer can not take any responsibilities for any damages or injuries caused by improper use.

Warning

- ▲ Fasten the safety rope and tie it to indoor fixtures before use.
- ▲ Check if the safety rope and extension cable are broken or not before use, do not use the broken one.
- ▲ Set-danger warning area downstairs for no-balcony window and door.
- ▲ Battery shall be charged fully before use.
- ▲ Do not use it on rainy or moist days.
- ▲ Switch power on before you place the device on the glass.
- ▲ Make sure W168 can stick and stand on glass surface while place it on the glass.
- ▲ Place the cleaning cloth on rotating plate properly for no leakage.
- ▲ Do not spray or pour water onto adapter.
- ▲ Keep hair, loose clothing, fingers and all parts of body away from the openings and moving parts.
- ▲ Do not use in areas with existed flammable or combustible liquids, gas.
- ▲ Please fully charge (About 2-3 hrs) and turn off the robot and place it in a cool and dry place if you do not use it for a long time. Charge it every 3 months at least to avoid battery dead.
- ▲ We do not recommend to use W168 on the frameless surfaces.

Specification



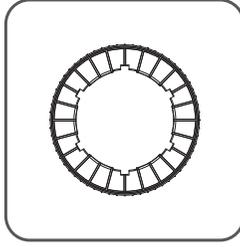
Product Model	W168
Size of Main Unit	293*143*86 mm (Cleaning ring and handle included)
Net Weight	About 1.10 KG
Adapter Input	100-240VAC ~ 2.0A 50/60Hz
Adapter Output	24.0V \equiv 3.00A
Robot Rated Wattage	72W
Robot Rated Voltage	24V \equiv
Battery Type	Rechargeable Li-ion Battery
Battery Capacity	500mAh
Battery Rated Voltage	14.8V \equiv
The Min. workable Surface	> 30 x 30 cm
Volume of Water Tank	About 80 ml
Spray Nozzle	2
Charging Time	About 2.5 hours

※ The data come from the lab of Mamibot Manufacturing USA Inc. It may be slightly different from the users' data, please subject to the actual products. For continous products improvement, we reserve the right to any technical and design change without prior notice.

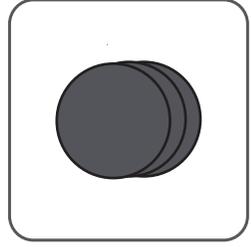
What's in the package



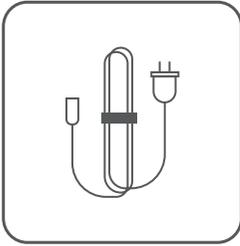
W168 x 1pc



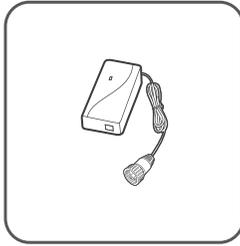
Cleaning Ring x 2 pcs



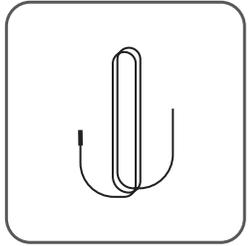
Cleaning Cloth x 6 pcs



AC Plug x 1pc
(with power cord)



Adapter x 1pc



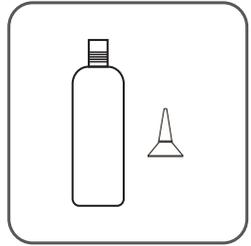
Safety Rope x 1pc



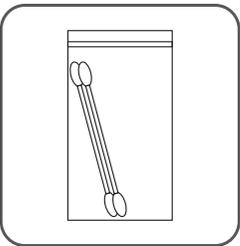
Remote x 1pc



User Manual x 1pc



Cleaning Bottle x 1set



Cotton Swab x 2 pcs

Packing contents of different batches may be slightly different and they are subject to the actual received products.

Product Description

Main Unit

Power Switch

Hold and press for 3 seconds to switch on or off.

Start/Pause/Continue

Short press the button to start/pause/continue.

Buzzer

Water Tank

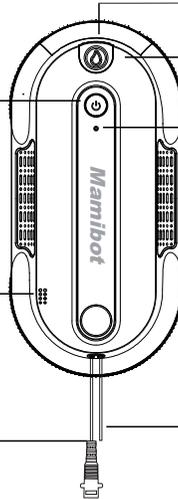
Water Tank Lid

LED Indicator

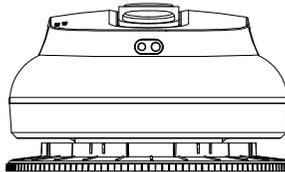
Air Outlet

DC Power Connector

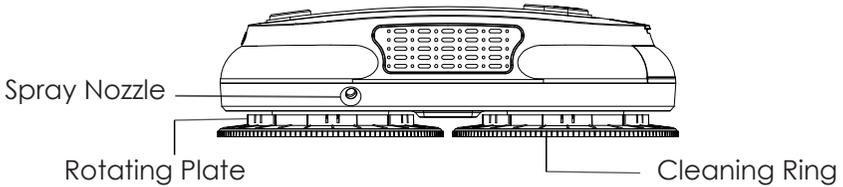
Safety Rope



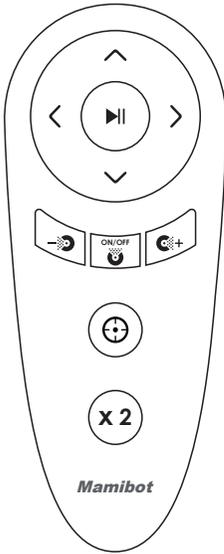
Top View



Side View



Bottom View



	Manual Move Up
	Manual Move Down
	Move Left first, then down to the bottom
	Move Right first, then down to the bottom
	Start/Pause/Continue
	Small Water Volume
	Large Water Volume
	Water Spray On/Off
	Spot Cleaning
	Double Cleaning

Remote Control

Notice:

In order to prevent misuse, please press the pause button between commands via remote, otherwise, the commands will be invalid.



Water Spray On/Off

- Press the button to turn on/off the water spray.
- The water spray is on by default when turn on and start W168.
- W168 has two level of water-spraying: small water-spraying and large water-spraying. It works under small water-spraying volume by default.



Small Water Volume

Press the button when W168 works under large water volume, W168 will spray water with small water volume.



Large Water Volume

Press the button when W168 works under small water volume, W168 will spray water with large water volume.



“Spot” Cleaning

Start “Spot” cleaning, W168 will start up and down cleaning for three times at the specified area, then stops in the middle of cleaning area.



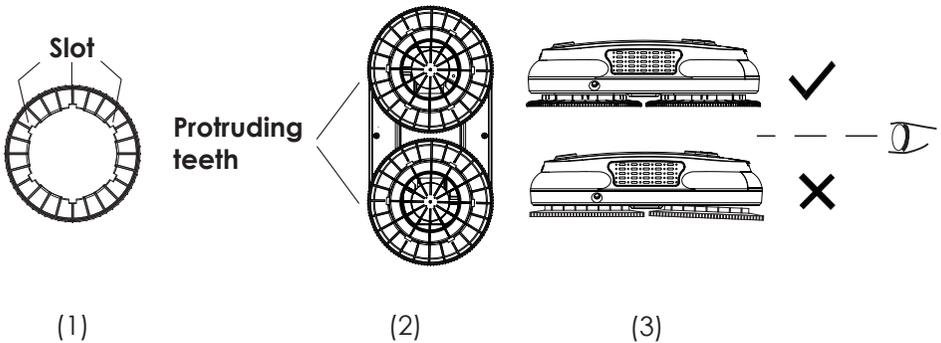
Double Cleaning

Press the button on remote, W168 will clean the glass surface in “S” shaped mode two times automatically.

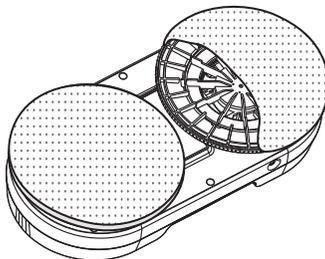
Installation

Cleaning Ring & Cloth Attaching

• Take out the 2 pcs cleaning ring and place them on the W168 tightly, please make sure the protruding teeth fit into the slots on the cleaning ring properly as below (1)(2)(3):



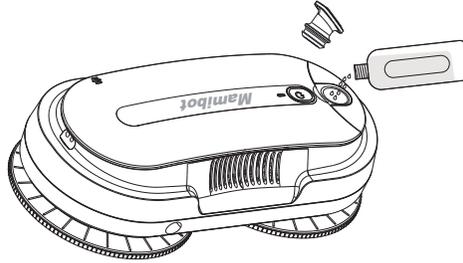
• Take out 2 pcs cleaning cloth and place them on the cleaning ring properly as below, check and make sure the cleaning ring was held on the main body tightly to avoid air leakage.



Fill up the water tank

Open the water tank lid, fill up the water tank with clean water and seal the lid. Please wipe away any residual moisture on the surface of W168.

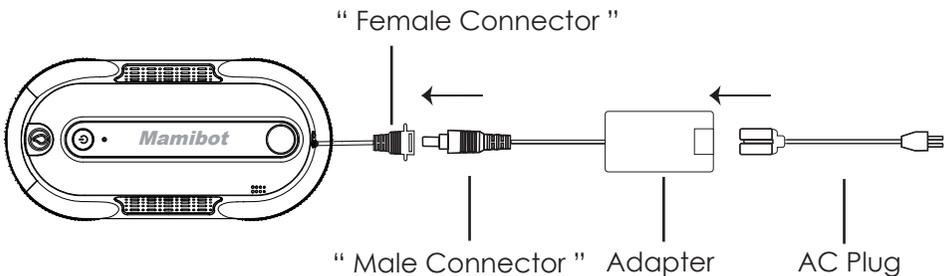
- Do not add dirty water or thick liquids into the water tank.
- Do not add corrosive or flammable liquids into the water tank.



Charging

Connect adapter and the main unit, insert AC plug cable into the port of the adapter, make sure the AC plug, the adapter and main unit connected properly as below:

Charging Indicator Status:
Blinking Green: Charging

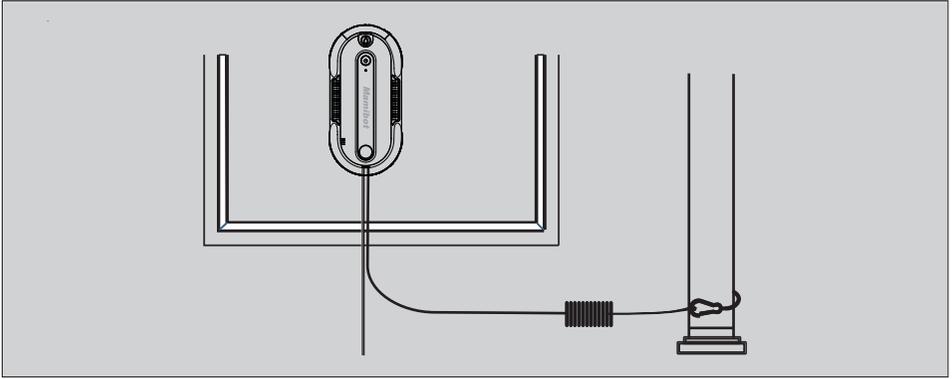


Note:

Don't forget to **LOCK** the " male connector " into the " female connector ".

Safety rope fixing

The safety rope must be tied on the indoor fixtures tightly before use. Make sure the length of the safety rope is appropriate for cleaning.



Note:

- 1). Please check the safety rope, make sure the rope is not damaged and the knot is not loose.
- 2). Set danger-warning area downstairs for no-balcony window and door before use.

How To Use W168

1. Please charge W168 fully before use.

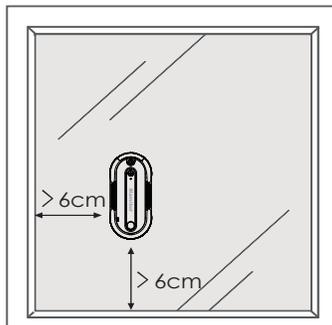
2. Switch on/off

Plug W168 in power supply, hold and press the switch for about 3 seconds to turn W168 on, then put it on the window glass.

Note: 1). Hold and press the switch for about 3 seconds again to turn it off.

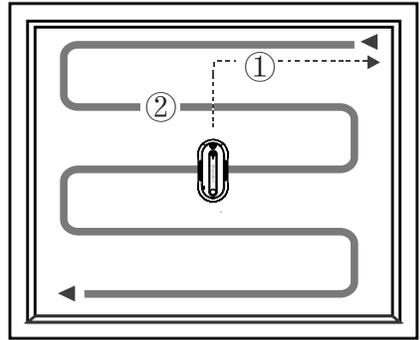
2). W168 can be switched on only after the power source is plugged in.

3. Put W168 on the glass surface first, please make sure the edge of W168 is 6 cm or more away from window frames or corners before cleaning.



4. Press the start button (⏻) on W168 or the button ▶|| on the remote shortly to start clean.

5. W168 will go up to the window frame first, then go right to the window frame, after that it will detect and follow a "S" shaped path to clean the window glass.



"S" Shaped Path

6. W168 will spray water automatically by default when turns on and starts:

- Only when W168 go forward to the right or the left, it will spray water if the water spray function is on.
- The right nozzle sprays water when W168 moves to the right.
- The left nozzle sprays water when W168 moves to the left.
- There is no voice prompt if the water tank is shortage of water, please pay attention to the spraying status and add water in time.

7. Pause/Continue

When W168 is cleaning, press button (⏻) or ▶|| on the robot or the remote to pause it, press again to continue cleaning.

8. Take W168 back after cleaning

Generally, W168 will stop at the lower left or right corner automatically after cleaning is finished, and there will be a beeper prompt when finished.

1). Use remote control to move W168 to a reachable location;

If the remote is not in hand, please stay close to the glass to drag the safety rope, and slowly pull the robot back to a reachable location.

※ Please note that the safety rope must be parallel to the working surface.

2). Hold W168 and press the switch button on W168 for 3 seconds to remove the robot.

9. How to solve the streaks if there are after cleaning.

If water streaks appear after cleaning, it is recommended to wipe the glass with water spray on at first time, then replace a cleaning cloth and turn off the water spray, wipe the glass with dry cloth at second time.

Important Tips

- Do not use the robot in rainy days or when the glass surface is foggy.
- Do not use on broken or cracked glass.
- Set-danger warning area downstairs for no-balcony window and door.
- W168 can not be used if there are stickers or oil on the glass surface.

- It is recommended to clean the glass manually first if there are sand and dust on the glass to avoid scratching.
- Please replace dry cloth if it is slippery when work.
- Please do not use the robot to clean the cleaned glass to avoid slippery.

Indicators Instruction

Status	Indicator	Meanings
Charging	Blinking Green	Charging
	Solid Green	Fully Charged
Cleaning	Red flashing	Error, please check the trouble shooting.
	Red and green flashes alternately	Please contact after-sales.
	Solid Green	Normal work.
	Green + 6 long beeps	Cleaning work is finished.

Maintenance

1. After each cleaning, wash the cleaning cloth and dry them for future use.
2. Wipe away the residual water on the surface of the robot when use.
3. Empty the liquid in the water tank if the robot is not in use.
4. Wipe W168 with soft and dry towel.
5. Clean the spray nozzle with a cotton swab as below if W168 doesn't spray water even the water tank is full.



Disclaimer

The manufacturer makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties, merchantability, or fitness for any particular purpose. Further, the manufacturer reserves the right to revise this publication and to make changes from time to time in the contents hereof without obligation of this company to notify and person of such revision or changes.

The place and safety of this glass cleaning tool usage must be judged and responsible by user. But also need to follow the instructions in this user manual.

Product Warranty

- The W168 has a 1 year limited warranty against original defects in workmanship or material.
- The warranty only applies to the authorized distributors of Mamibot.
- Improper usage or not in accordance with the user manual will void the warranty.
- The application of force majeure will be invalid.
- Normal reductions, such as battery aging, mopping cloth aging are not guaranteed.

Note:

Please keep and provide your proof of purchase, S/N when make a claim.

Exclusions

This warranty will automatically become null and void and shall not be applicable to products if:

- Normal wear and gear(e.g.: cleaning cloth, safety rope, etc).
- Reduction in battery discharge time due to battery age or use.
- Expiration of the warranty.
- Damage caused by accident, abuse or misuse.
- Damage caused by force majeure.
- No purchase record.
- Other conditions that are not covered by the warranty.

Troubleshooting

Indicator LED	Possible Reasons	Solution
Constantly Red blinks + Short Beep	Power supply is disconnected.	check the connection of the power source, Adapter and male/female connector, make sure W168 is connected properly.
	Insufficient suction.	Please check if the W168 is air leaking: <ul style="list-style-type: none"> ● Check and make sure the cleaning rings are installed properly. ● Check and make sure the cloth installed properly. ● Check and make sure the working surface is even. ● Check and make sure the glass frame is not cracked or broken.
	Too little/much friction on the glass.	<ul style="list-style-type: none"> ● Check if there are any stickers or some similar attachments on the working surface. ● Replace new cleaning cloth and use the robot with water spray function. ● Do not clean the glass in rainy days.
Red and green flashes alternately.	Hardware malfunction.	Turn off the power switch and restart it, if the problem can not be solved, please contact the local customer service.
W168 is slippery when working.	<ul style="list-style-type: none"> ● The cloth is too dirty or too wet. ● The working surface is too clean. 	<ul style="list-style-type: none"> ● Replace new dry cleaning cloth and restart the robot. ● Do not clean the glass that is too clean.
W168 does not spray water.	<ul style="list-style-type: none"> ● The robot is shortage of water. ● The water spray switch is not on. ● The nozzle is blocked. 	<ul style="list-style-type: none"> ● If the robot is shortage of water, please add water in time. ● Turn on the water spray switch (the water spray switch is on by default when starts). ● Clean the spray nozzles with a cotton swab. ● Please replace new nozzles.
W168 is not working smoothly	<ul style="list-style-type: none"> ● The cloth is dirty ● The screws on the rotating plate is loose. 	<ul style="list-style-type: none"> ● Replace new cleaning cloth. ● Check and tighten the screws on the rotating plate.

If there is still problem with W168 after taking the referred measures, please contact the service center for help.

App Guide

Note: App version is an optional version, for details, please subject to the local seller.

1. App downloading

Scan the below QR code to download the App of “Smart Life” from Apple Store (IOS devices) or Google Play (Android devices).



2. Log in/Register “Smart Life” ID.

Enter the App, log in with your “Smart Life” ID directly, or follow the instructions and create a new user ID, then log in and enter App interface.

3. Connect W168 to the App.

- 1). Turn on your Bluetooth first.
- 2). Enter the App, tap the “+” icon or “ Add Device ” and enter the interface as Fig.1 and Fig.2.
- 3). Plug in the power supply, hold and press the power switch for more than 8 seconds until you hear a long beep, then check the App, the App will detect and discover the device (Fig.3).

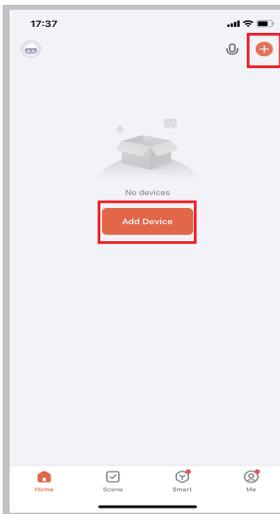


Fig.1

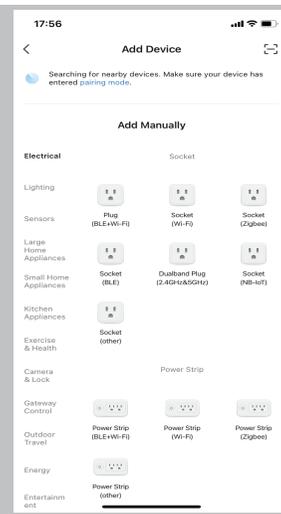


Fig.2

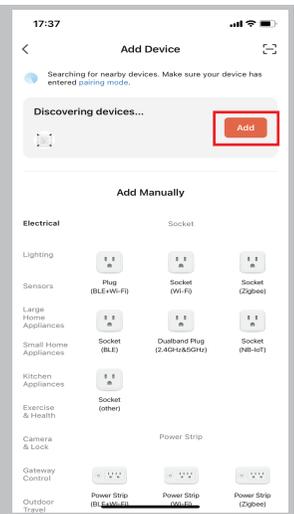


Fig.3

- 4). Click on the “ Add ”, the robot will connect to the App automatically as Fig.4, click “ Done ” and enter the interface as Fig.5.

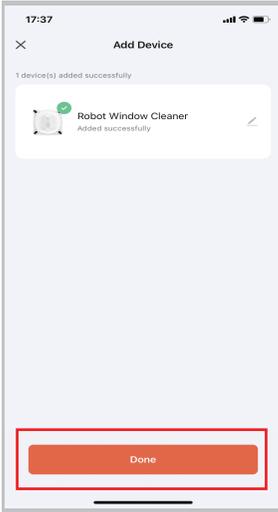


Fig.4

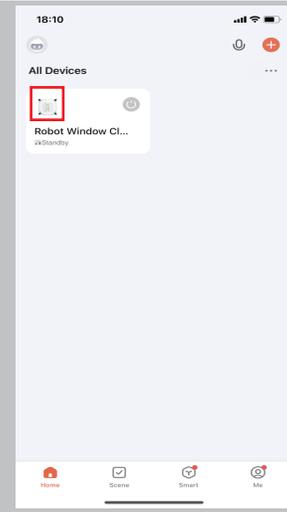


Fig.5

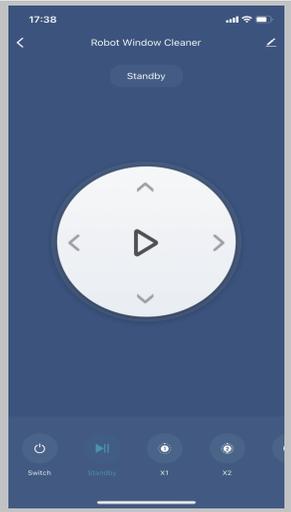


Fig.6

5). Tap the robot icon on the App, enter into the interface as Fig.6, users can now use the robot by clicking the buttons on the App: clicking the setting (Fig.7) to set the water volume (Fig.8); clicking the icon "⌵" to get more device information (Fig.9) about the robot.

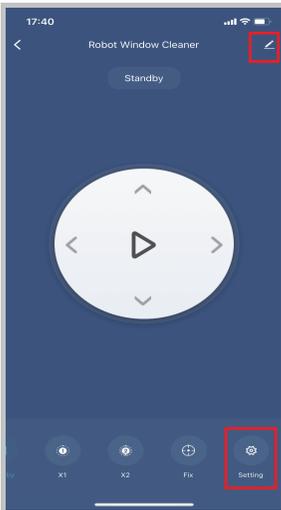


Fig.7

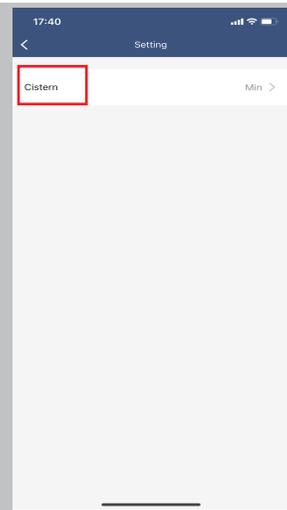


Fig.8

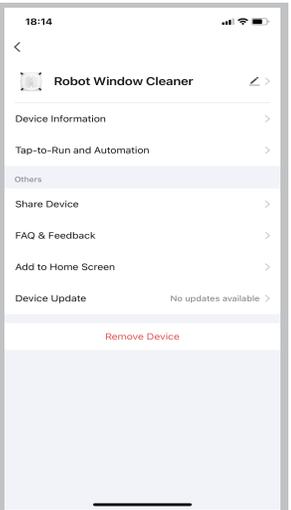


Fig.9

Note:

- * If you need to reconnect to the App, please unplug the power supply first, then plug the power supply again, and then follow the connecting steps to connect the App.
- * The interface and operation steps may be different from the actual App due to the continuous optimization, please subject to the final interface and operation steps.

Compliance Standards



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.



The product meets the stand of the Council Directive 2014/30/EU, 2014/35/EU.

We reserve the right to changes in text, design, and technical specifications which are subject to change without prior notice.

Statement: All trademarks mentioned in this manual: Google play, Apple Store, smart life, etc., are owned by their corresponding registered companies, groups or individuals.

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