Schbot™
ROBOTICS

WindX2

ROBOT WINDOW CLEANER

EN

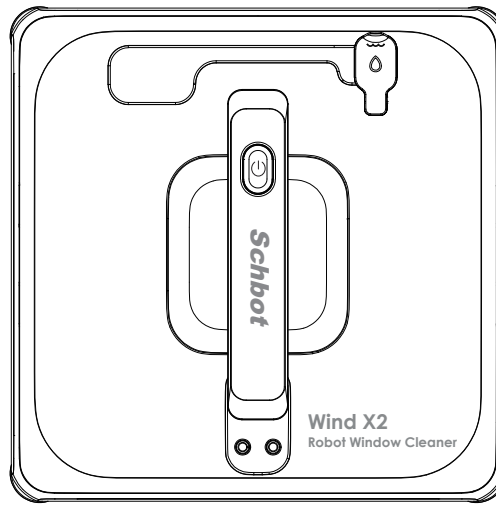
USER MANUAL

Thanks for purchasing Schbot Robot Window cleaner Wind X2 featured with dual self-water-spraying type.

We hope Wind X2 will bring you a smarter and more convenient lifestyle.

If you encounter any problem not mentioned here in, please contact sales@schbot.com

For more details, please visit our official website: www.schbot.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 Wind X2. Any operation that against the following instruction may damage the device or cause injury.

Wind X2 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

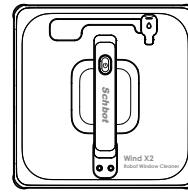
▲ Use only the original adapter, plug and battery. Use of other types will result in malfunction and / or danger.
▲ Use the proper electric outlet and make sure no heavy objects are placed on the adapter or power cord.
▲ Allow adequate ventilation around the adapter when using it to operate the device. Do not cover the adapter with objects that will reduce cooling.
▲ Always switch Wind X2 off before carrying out any cleaning or maintenance work.
▲ Do not use Wind X2 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 the device before cleaning or remaining the device. Do not unplug 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 Schbot 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℃ (104℉) , or incinerate.
▲ Do not expose your Wind X2, adapter and battery to rain or excess humidity, and keep it away from liquids(such as beverages, faucets, and so on).
▲ Avoid exposing your Wind X2, 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 Wind X2 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 Wind X2 at temperature: 0℃- 40℃(32℉- 104℉)
▲ Wind X2 must be used in accordance with the instruction manual.

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

Warning

▲ Check if the safety rope and extension cable are broken or not before use.
▲ Fasten the safety rope and tie it to indoor fixtures before using Wind X2.
▲ Set danger warning area downstairs for no-balcony window and door.
▲ Battery shall be charged (Green light is on on the robot) before use.
▲ Do not use it on rainy or moist days.
▲ Switch power on before you put device onto glass.
▲ Make sure Wind X2 can stick and stand on glass surface while put onto glass.
▲ Make sure to put the cleaning pad on the bottom of Wind X2 correctly to avoid water leakage.
▲ Do not spray or pour water onto Wind X2 and 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 1-2 hrs) and turn off Wind X2 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.
▲ Please turn the switch on when you are going to Wind X2, so that you can check the status of indicator.

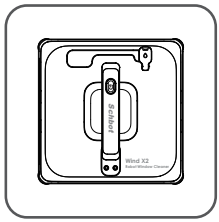
Specification



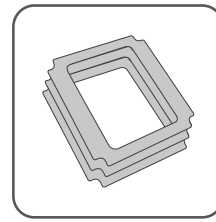
Product Model	Wind X2
Size of Main Unit	245*245*78 mm
Net Weight	About 1.53KG
Adapter Input	100-240VAC ~ 50/60Hz
Adapter Output	24.0V⎓3.75A
Rated Wattage	80W
Battery Type	Rechargeable Li-ion Battery
Battery Capacity	600mAh
Battery Rated Voltage	14.8V⎓
Charging Time	About 1-2 hours
The Min. workable Surface	60 x 50 cm
Water Tank Capacity	100 ml ±10 ml
Working Noise	＜75dB
Spraying Drive Type	Motor Drive

※ The datas come from the lab of Schbot Robotics OÜ. It may be slightly different from the users' data, please subject to the actual products. For continous products improvment, we reserve the right to any technical and design change without prior notice.

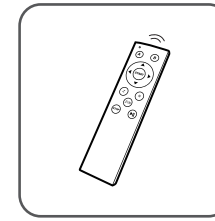
What's in the package



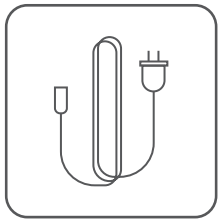
Wind X2 x 1pc
with Safety Rope



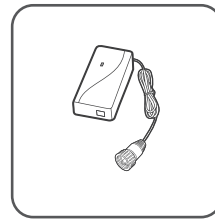
Cleaning Pads x 2pcs



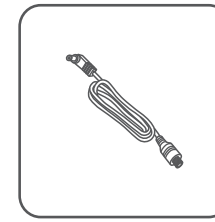
Remote x 1pc



AC Plug x 1pc
(with power cord)



Adapter x 1pc



Extension Cable x 1pc

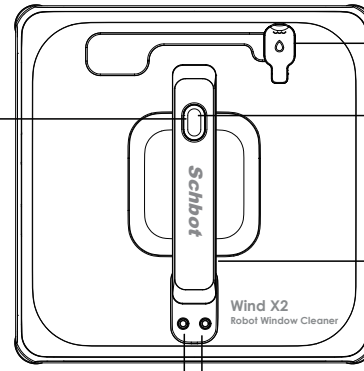
Measuring Cup x 1pc

User Manual x 1pc

Accessories of some models may be slightly different and they are subject to the actual received products.

Product Description

Main Unit



Switch
Short Press:
- to start/resume

Long Press:
- to switch Wind X2 on / off

Water Tank Lid

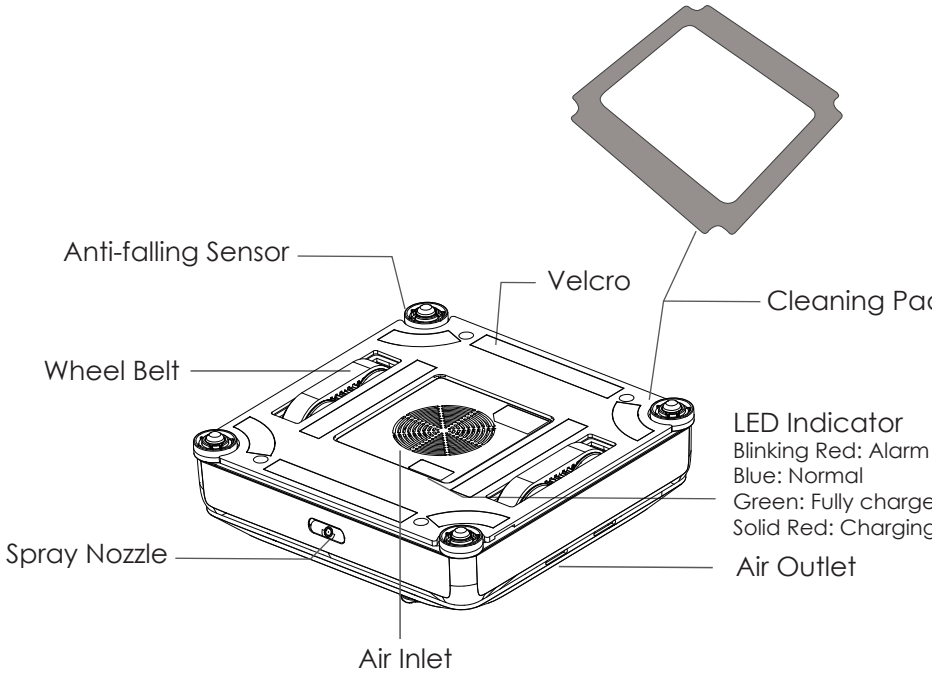
LED Indicator
Blinking Red: Alarm
Blue: Normal
Green: Fully charged
Solid Red: Charging

Hand Grip

Power Cord Hole

Safety Rope Hole

Top View



Anti-falling Sensor

Velcro

Cleaning Pad

Wheel Belt

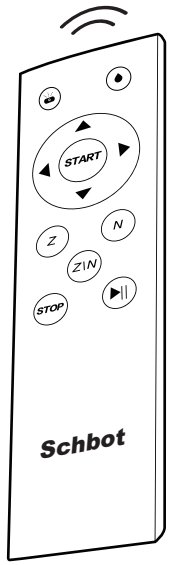
LED Indicator
Blinking Red: Alarm
Blue: Normal
Green: Fully charged
Solid Red: Charging

Spray Nozzle

Air Outlet

Air Inlet

Bottom View



	Auto/Manual Water Spraying Switch
	Manual Spraying Button
▲	Manual Move Up
◀	Manual Move Left
▶	Manual Move Right
▼	Manual Move Down
Start	Start Cleaning Button
Z	Auto "Z" Cleaning Type
N	Auto "N" Cleaning Type
Z|N	Auto "Z" and "N" Cleaning Type
STOP	Stop Cleaning
▶II	Pause/Resume

Remote Control

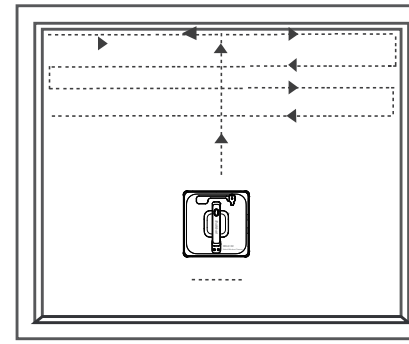
Self-Water-Spraying System

Manual Mode	Hold and press the switch on Wind X2 to turn Wind X2 on, press the start button, it will enter Manual water-spraying mode **by default**, and the indicator is solid blue. Users can press the manual spraying button on remote or App to spray the water manually.
Auto Mode	Press the Auto/Manual Water Spraying Switch at manual mode, Wind X2 will enter the Auto water-spraying mode, and the indicator is blinking blue. Users can select the spray interval with 3s, 5s, 8s and 10s mode via App("s" is a time coefficient, not exactly equal to seconds).
Attention: The above setting and operating is for reference, we reserve the right to changes in settings and operatings which are subject to change without prior notice.	

Cleaning Modes

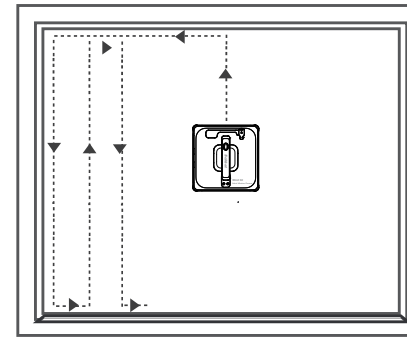
※ Please make sure the edge of Wind X2 is 8cm or more away from window frames or corners before cleaning (as in fig. Page 11).

Z **"Z" Cleaning Mode:**
Start Wind X2 in the center of the glass. It will detect the frame upwards first, and the frame left second, after that, it will start cleaning with "Z" shaped path.



"Z" Shaped Path

N **"N" Cleaning Mode:**
Start Wind X2 in the center of the glass. It will detect the frame upwards first, and the frame left second, after that, it start cleaning with "N" shaped path.



"N" Shaped Path

Z|N **"Z|N" Cleaning Mode**
Press the button on remote or App, Wind X2 will clean the glass with "N" & "Z" shaped path.

Start : press the button to start cleaning.

STOP : press the button to stop cleaning.

▶II : press the btton to pause/resume cleaning.

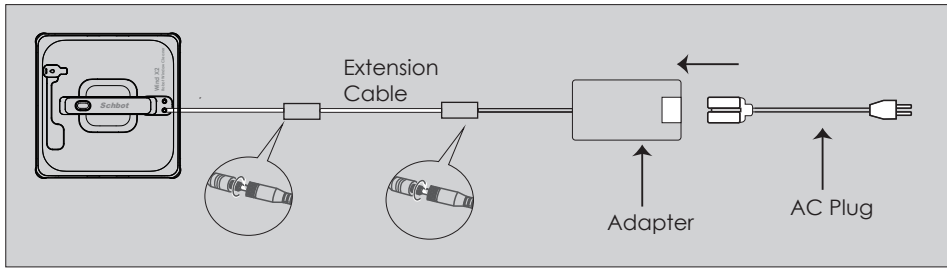
Notice:
• Wind X2 will return to the start position after automatical cleaning is finished, it is normal that some times the start position and return position are slightly different.
• The cleaning path is for reference, please subject to the actual products.

Installation

Charging

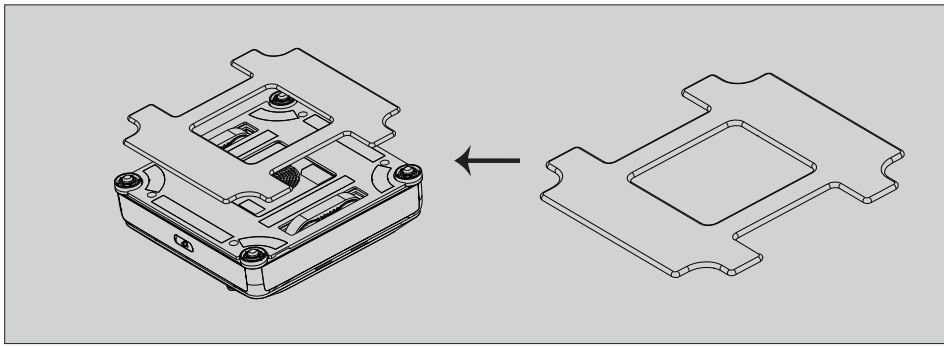
Plug in the adapter to Wind X2 as below, connect the adapter, AC plug and extension cable properly as in below image:

Charging Indicator:
Solid Red: Charging
Green: Fully charged after 1-2 hrs charging.



Cleaning pad attaching

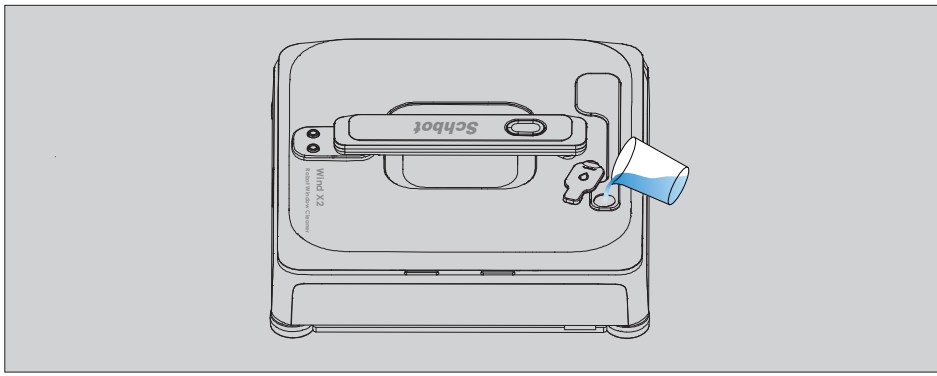
• Use the original cleaning pads, attach it to Wind X2 bottom properly, the cleaning pad should not cover wheel belts or anti-falling sensors.
• Please do not spray too much water on the cleaning pads when use to avoid slippery.



Fill up the water tank

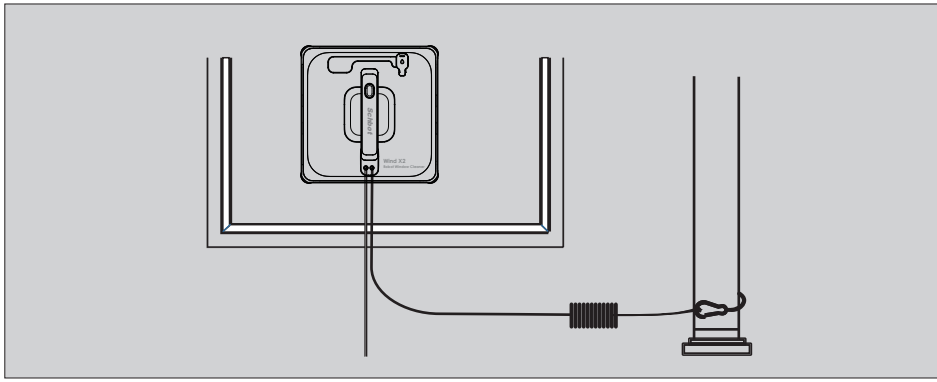
Open the water tank lid, fill up the water tank with clean water before starting it, then seal the lid.

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



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.

To use Wind X2

* Please charge the Wind X2 fully before use.

Switch on/off

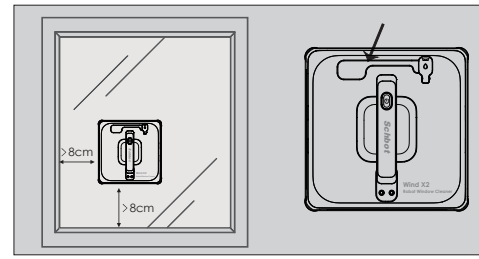
Plug Wind X2 in power supply, hold and press the switch ⏻ on Wind X2 for about 2 seconds to turn Wind X2 on, then put Wind X2 on the window glass.

Note: Hold and press the switch ⏻ for about 2 seconds again to turn it off.

Start Wind X2

1). Make sure the edge of Wind X2 is 8cm or further away from window frames or corners before cleaning.

2). Press the "Start"/"N"/"Z"/"Z|N" button on remote or App to start clean.



Stop/Pause/Resume

1). When Wind X2 is cleaning, press STOP button (STOP) on remote to stop it.

2). When Wind X2 is cleaning, press Pause button (⏯) on the remote to pause it, and press it again to resume cleaning.

Users can also operate Wind X2 via App.

App.

Take Wind X2 back after cleaning

Wind X2 will return to its starting point automatically after cleaning is finished. There is a beep remind when cleaning finished.

1). Use remote to move Wind X2 to a reachable location;

2). Hold the hand grip and the safety rope, press switch button on Wind X2 for 2 seonds, then take it off from the window;

3). Clean the pads in time and dry it for future use;

4). Empty the water tank if you are not going to use it in a long time.

APP Use

Scan QR Code or searching "iGLASSBOT" from Apple store or Google play to download the App.

iOS System:

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.

Android System

iGLASSBOT

iOS System

iGLASSBOT

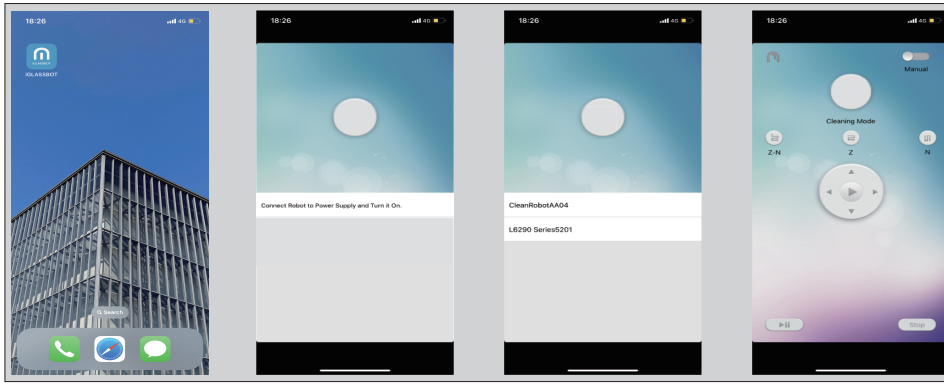


Fig. 1 Fig. 2 Fig. 3 Fig. 4

Android System:
Requires Android 4.3 or later.

1. Open the App "iGLASSBOT" as Fig. 1.
2. Turn the switch on of Wind X2 and put it onto glass.
3. Use the App to search Wind X2, it will get the hotspot of Wind X2.
4. Tap the hotspot(CleanRobot XXXX, the App will be paired with Wind X2, then enter into the control panel of App as Fig. 4.
5. Use App to control the robot.

*** The interface may be different from the actual interface due to improvement, please subject to the actual products.**

Maintenance

1. After each cleaning, wash the cleaning pads and dry them for future use.
2. Clean the belt with soft and damp cloth, then dry it.
3. Wipe the air inlet regularly.

Disclaimer

The manufacturer makes no representations or warranites, 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 Wind X2 has a 1 year limited warranty against original defects in workmanship or material.
- The warranty only applies to the authorized distributors of Schbot.
- 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 replace the battery pack after 1 year of purchase.
Please keep and provide your proof of purchase, S/N when making 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

Malfunction	Possible Causes	Solutions
Wind X2 gets slippery or works in irregular pattern.	1. Glass is too dirty or too wet. 2. Cleaning pad is too dirty or too wet.	1. Change cleaning pad. 2. Cleaning the driving wheels. 3. Use remote to restart it manually.
Wind X2 stops with blinking red indicator light.	Insufficient suction power.	1. Check if the cleaning pad is attached properly, replace it correctly. 2. Check if any crack on the glass, avoid the crack when use. 3. Check if the frames are with uneven area/rubber part, use remote or App to operate Wind X2 manually and keep it away from the uneven area/rubber part when cleaning.
Wind X2 can't be started after switched on, or works in irregular pattern.	Edge detection sensor abnormal.	1. Remove the cleaning pad and re-attach it, making sure it is placed exactly within its velcro area and does not cover the edge detection sensors. 2. Open App on your phone, connect it with the robot and find out if any RED indications on the corners of App interface (Red indications on the App interface means the edge sensor is malfunctioned). 3. Edge detection sensors failure, contact after-sales service.
Red indicator light blinks, buzzer beeps once per second.	Improper connection of power supply.	Check if the plug is connected well, or the screws of the extension cables are screwed tightly.
Both red and blue indicator blinks.	Hardware failure.	Contact after-sales service.
Remote does not work.	1. No battery inside or battery has low power in remote. 2. Remote is broken.	1. Replace the battery. 2. Replace the remote with new one.
Wind X2 got stuck on glass frames.	Edge detection misjudgement.	Stop Wind X2 first, pull the robot lightly to reachable location.
Both red and blue light on, no beeps.	Wind X2 is not sticked properly on glass.	Put Wind X2 onto glass manually, make sure it sticks properly.

The red indicators blink twice when use.	Edge sensor detects frameless glass.	It's normal if it is cleaning frameless glass. Not recommend for use on frameless glass.
Squeaky sound when use.	Glass is too dry or edge detection sensors are too dirty.	1.Spray a little water on the cleaning pads before use. 2. Clean the edge detection sensors and use again.
Wind X2 does not return to the starting point after cleaning.	The friction index of glass is different.	Use remote control to operate the device so as to return to reachable location.
Wind X2 is spinning.	The glass is clean. The window frame has cracks.	1. Please do not clean the cleaned glass. 2. Wind X2 is not suitable for cleaning the window glass that the frame has cracks.

If there is still problem with Wind X2 after taking the referred measures, please contact the service center for help.

Recycling of Wind X2

The symbol on the product or on its package 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.

CE The product was tested and found to be in compliance with:
Directive 2014/53/EU,
RoHS 2.0 Directive (EU) 2015/863.

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

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