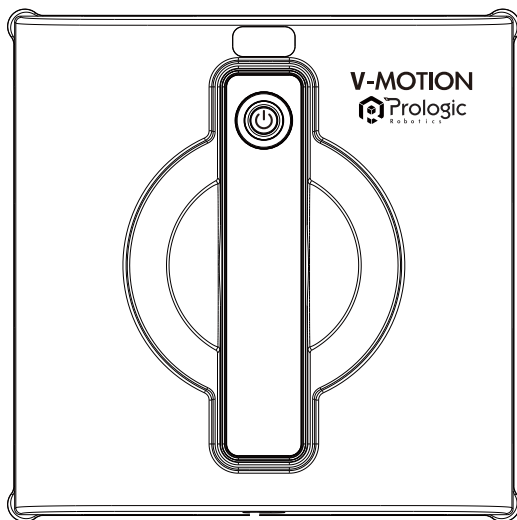


V-MOTION 抹窗機械人 | V920W

WINDOW CLEANING ROBOT

ZH-HK 說明書

EN Instruction Manual



ZH-HK

說明書 2

EN

Instruction Manual 18

感謝您選購 Prologic Robotics 的產品 — V920W 抹窗機械人！
希望您使用愉快，我們相信這款全新的V920W抹窗機械人將幫助您擁有
更整潔的家居環境，並為您省下更多時間，享受生活。

使用中如果遇到任何問題，請聯絡我們的售後服務中心，將有專業人員
為您解答問題。

如欲了解更多產品資訊，請登入：www.prologic.hk

本資料產品以實物為準，原廠保留產品更新的權利，如有變動，恕不另
行通知。

感謝您選擇 **V-MOTION!**

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1. 安全注意事項

使用電器產品前請仔細閱讀此說明書的所有內容。

請保管好此說明書。

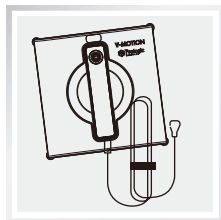
01. 產品不能由8歲以下的兒童、身體或者精神上有障礙的人使用。若需要使用請在監護人的監督指導下進行。請不要讓兒童靠近處於工作狀態的產品，或將產品作為玩具玩耍。
02. 當室外溫度在0°C/32° F以上及40°C/104° F度以下、濕度低於65%、無大風、無雨、空乾燥的情況下方可在室外使用此 產品。使用時產品需通過安全繩與安全扣正確連接。
03. 產品在工作時，請始終保持產品處於通電狀態。產品的內置安全備用電池僅用於維持產品在突然斷電情況下，在限定時間內保持吸附在窗戶上不落落，不得作為正常工作供給，以免帶來危險。
04. 本產品在使用過程中，請確保有人在旁看護，必要時可以為產品提供幫助。機器工作時，請移開機器下方的貴重物品，請確保任何動物不站在正在工作的機器下方。
05. 僅可在家庭環境下使用，請勿在商業及工業場所使用。
06. 請勿在已有裂縫痕跡，廣告紙及不平的玻璃上使用本產品，破碎玻璃破碎，產品跌落等風險。
07. 請按照說明書的指示使用產品，僅可使用製造商推薦或銷售的附件及使用製造商專配的原裝可充電電池及適配器。
08. 請確保電源電壓符合適配器上標註的電壓。
09. 請確保在玻璃厚度大於5mm、高度大於5mm的有邊框玻璃上使用本產品。
10. 禁止在大面積潮濕、傾斜或油性窗戶上使用，防止產品打滑造成跌落的風險。
11. 產品需遠離熱源或易燃物品。
12. 禁止在產品沒有完全吸附或有明顯損壞的情況下使用本產品。
13. 請勿將本產品放在水或其他液體中，以避免漏電；勿將本產品存放在可能跌落或被拉進浴盆或水槽之處。
14. 禁止用濕的手觸碰插頭或產品。
15. 電池充電不能在過熱或過冷的環境下進行，這可能會影響電池的替代。
16. 適配器無電源時，不能使用該產品。
17. 禁止將機器放在家用電器上、潮濕或者有火源處進行充電，以免造成不必要的損失。
18. 請小心使用電源線避免其損壞，禁止利用電源線拖拽、提拉產品或將電源線當做提手；禁止在使用過程中關緊玻璃窗夾住電源線或在電源線上安放物品，同時電源線應遠離熱源。
19. 請勿利用損壞的電源線或電源插座使用本產品。當產品因跌落、損壞或進水導致無法正常工作時，請勿使用產品，為避免傷害，產品應由製造商或其售後服務部門進行維修。
20. 如果電源線軟線損壞，為了避免危險，必須由製造商、其維修部或類似部門的專業人員更換。
21. 在維護或清理產品前必須先將插頭從電源插座拔出，但不要通過拉扯電源線的方式從插座中拔出電源插頭。

22. 電池須由製造商、其維修部或類似部門的專業人員更換。
23. 產品報廢前，必須按照當地的法律法規和環保條例移除和報廢電池。
24. 如需報廢本產品，請先切斷產品電源，再將電池從產品中取出。
25. 請遵照當地的法律法規和環保條例處理使用過的電池。
26. 即使在產品已嚴重受損的情況下也禁止焚燒產品，產品電池可能因此引發爆炸。
27. 請依照本說明書的指示使用產品。因不當使用導致的任何損失及傷害，本公司概不負責。
28. 嚴禁在沒有專人的指導下，兒童、精神有缺陷的人員或缺乏家電產品使用常識和經驗的人使用本產品。
29. 在機器工作時，監督兒童行為，以確保沒有玩耍本產品。
30. 嚴禁兒童玩耍該產品。
31. 嚴禁兒童在無人監督的情況下對產品進行清潔操作和維護。
32. 產品在運轉清掃中，請注意家中幼童長輩安全，避免造成絆倒發生危險，請勿用手觸摸車輪及邊刷以免絞入造成受傷。（幼童請特別注意）
33. 禁止用金屬及導電物質接觸電池接點，否則造成短路。
34. 務必使用專用的電池適配器，否則將導致漏液發熱或破裂。
35. 切勿使電池短路或拆卸電池否則將導致漏液發熱或破裂。
36. 切勿與項鍊髮夾等金屬物品一起運送或保存否則將導致短路而造成漏液發熱或破裂。
37. 切勿將電池投入火中或對電池加熱，否則將導致漏液發熱或破裂。
38. 進行充電時若發現異常過熱請立即停止使用，否則將導致漏液發熱或破裂。
39. 為延長電池使用壽命，長時間不使用時請將電池拔出，放置於陰涼乾燥環境，否則導致漏液發熱或破裂。
40. 發生異常（如變色或變形）時請務必停止使用，否則將導致漏液發熱或破裂。
41. 進行回收再利用或廢棄處理時務必使用膠帶等將電極部分絕緣。
42. 如果電池漏液，請用乾抹布擦乾淨，及時回收，或者廢棄。
43. 將回收的電池集中放置在社區、酒店、學校、大型商場超市等設置的電池回收箱或有害垃圾桶，由專業回收機構收集。廢棄產品電池，必須遵循當地法律法規移除並廢棄產品電池。
44. 電池漏液接觸到皮膚或衣服務必立即使用清水沖洗，若置之不理將使皮膚發炎等問題。
45. 切勿在其他設備上使用本產品的充電電池，本電池僅適用於抹窗機械人。
46. 發現電池外盒變形膨脹電解液流出時，禁止進行充電或繼續使用，以免發生危險。
47. 切勿對電池施以強烈撞擊或投擲電池，否則將導致漏液發熱或破裂。
48. 禁止對電池組進行拆解，否則將導致電池組破裂電解液流出造成火災及爆炸等危險。
49. 本產品是精密電子設備，應避免長時間在日光下暴晒。
50. 本產品在報廢前請將電池從機器上拆下，拆除電池時請確保本產品沒有接通電源，請將廢棄電池安全環保回收。
51. 為保證產品的清潔效果和穩定性，請使用專用玻璃清潔劑。

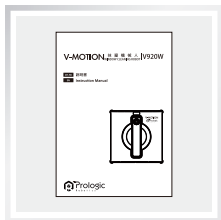
2. 產品組成

2.1 包裝隨附物件

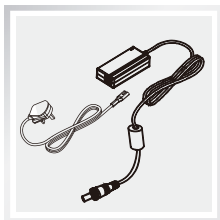
隨機物件



**V920W主機
(連安全繩)**



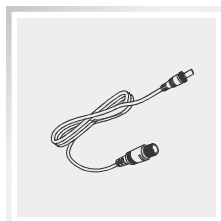
產品說明書



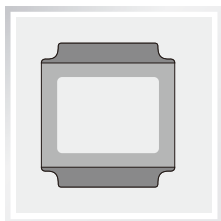
電源適配器



遙控器



延長線



清潔抹布



專用清潔液



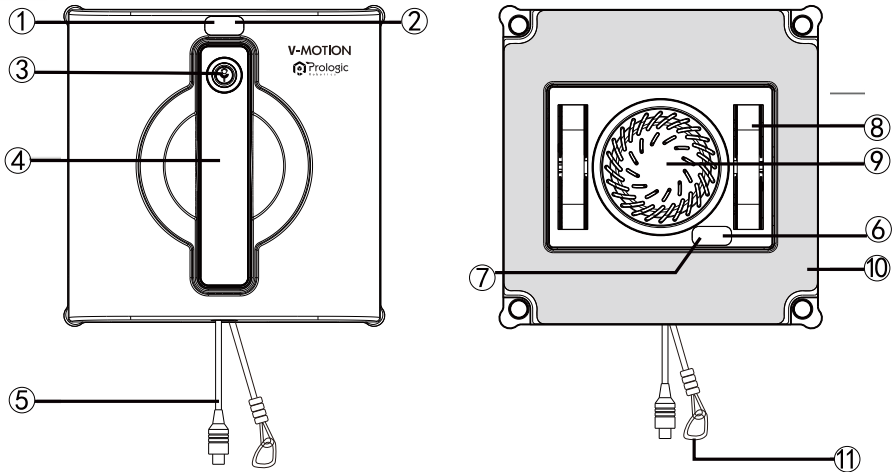
產品保用證



提示卡

2.2 產品結構

主機

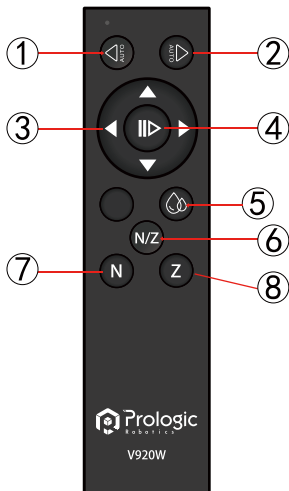


1. 狀態指示燈
2. 遙控窗口
3. 電源開關鍵
4. 手柄

5. DC電源接口
6. 底部狀態指示燈
7. 底部遙控窗口
8. 輪軸組件

9. 風機
10. 抹布
11. 安全繩組件

遙控器



標示	功能	說明
1	左區域	從機器起點開始往左邊區域進行N模式路徑清掃
2	右區域/ Wifi重置	從機器起點開始往右邊區域進行N模式路徑清掃。主機插上電源，按鍵，機械人會等待連接。
3	方向鍵	手動上下左右移動
4	開始/暫停鍵	啟動自動清潔/暫停清潔
5	清洗輪軸鍵	輪子轉動，使用抹布擦拭輪軸
6	N及Z模式清潔	先N模式清潔，再用Z模式清潔
7	N模式清潔	適用於直向玻璃，以N形路線進行工作
8	Z模式清潔	適用於橫向玻璃，以Z形路線進行工作

2.3 技術參數

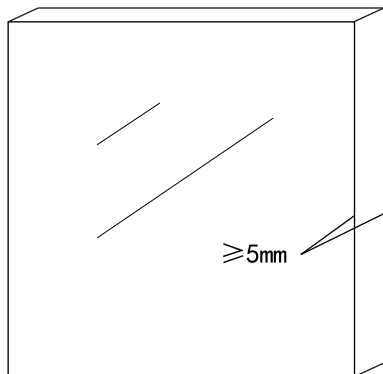
分類	專案	參數
結構類	尺寸	215 x 215 x 68mm
	淨重	1.15kg
電子類	吸力	2200Pa
	分貝	65dB
	額定功率	72W
	電池容量	500mAh
	輸入	100-240V 50/60Hz 1.5A
	輸出	24V/3A
	清潔速度	2.5m ² /分鐘

* 因產品持續改善，原廠保留產品更新的權利，如有變動，恕不另行通知。

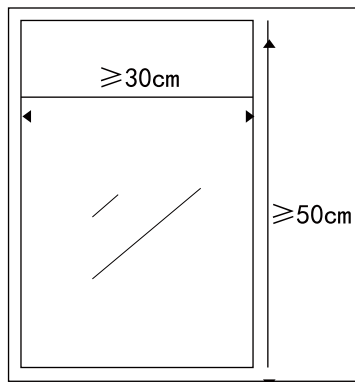
3. 使用說明

3.1 注意事項

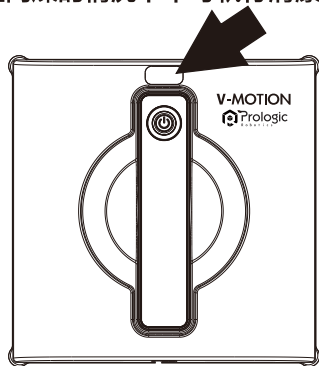
- 嚴禁在邊框厚度（玻璃面到邊框面的高度差） $< 5\text{mm}$ 的有框玻璃上使用本產品。



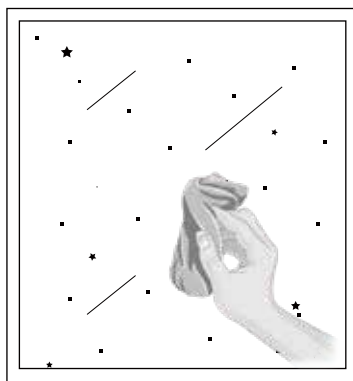
- 請在面積 $\geq 30(W) \times 50(H)\text{cm}$ 的玻璃上使用本產品。



- 接入適配器，若紅藍燈交替閃爍，機器處於充電狀態，確保其充電至藍燈常亮（大概1小時），產品在紅燈閃爍的情況下不可執行清潔工作



- 玻璃表面積灰過多，使用產品前，請先擦拭出一塊產品大小的干淨區域以便產品吸附。



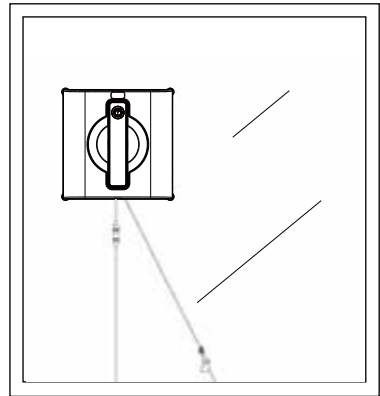
提示:

- 窗戶前方有不可移動障礙物（如護欄、家具等）時，當窗戶與障礙物間隔大於 7.5cm 時方可使用本產品。
- 當產品在水平玻璃面上工作時，應使用遙控器來控制產品運行。
- 如果在不是完全垂直的窗戶上使用本產品，產品有無法正常運行的可能，請確保有人在旁看護，必要時可以為產品提供幫助。
- 本產品不能夠在倒置的情況下使用。
- 請注意搭配本公司專配的清潔液使用，使用非專配的清潔液可能導致清潔效果不佳或給產品帶來損傷。

3.2 使用前須知

安裝安全扣

- 使用本產品抹玻璃前，請使用安全繩組件固定。先取出安全繩另一端找一個可固定的位置扣上安全扣。以提高產品的安全性。

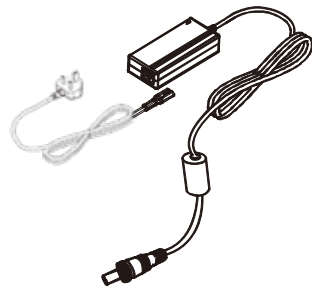


延長線使用

- 可根據實際距離或玻璃大小，使用延長線增加長度，每根延長線為1.5m。注意產品在室外高空使用時，最多使用1根延長線。

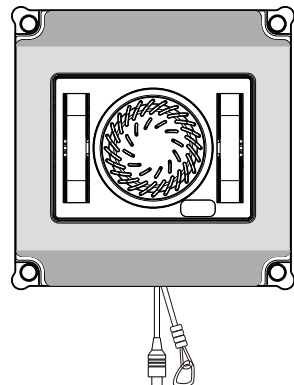
連接適配器

- 請將電線連接頭的螺絲母旋緊到位，確保不會鬆脫。



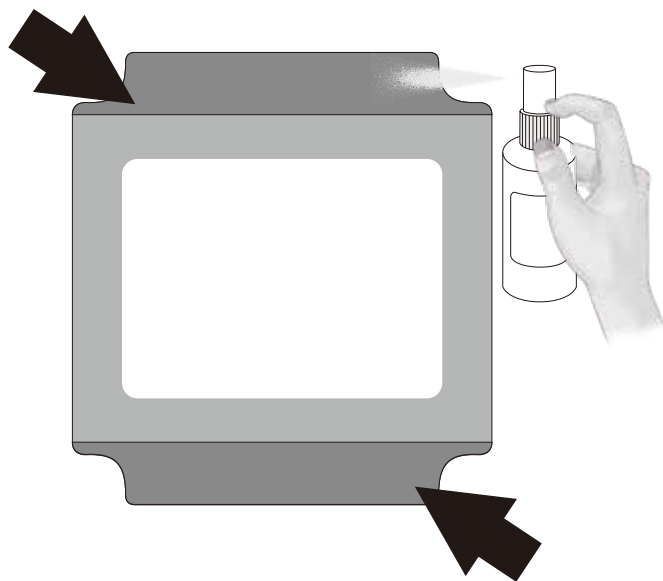
安裝清潔抹布

- 請將清潔抹布闊部對齊產品底部浮板闊部，並平整貼在浮板以內。錯誤張貼抹布會令產品運行產生故障。
(清潔抹布不能覆蓋在內腔上)



專用清潔液的使用

- 建議先撕下清潔抹布，並均勻噴灑專用清潔液於抹布較深色的闊部位置上，將根據玻璃的髒污程度而決定噴灑清潔液的用量。建議各闊部位置可噴灑不多於5次清潔液，避免產品運行時打滑情況出現。
- 請注意搭配使用本公司專配的清潔液，使用非專配的清潔液可能導致清潔效果不佳或給產品帶來損傷。




3.3 操作說明

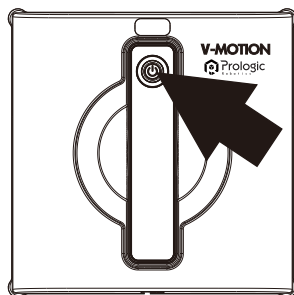
1. 連接電源適配器

- 適配器插頭接入220-240V交流電，另一頭DC端與機器連接後，機器藍燈常亮。
- 提示：
產品運行時，請勿斷開電源；若斷電運行，產品將有掉落風險。



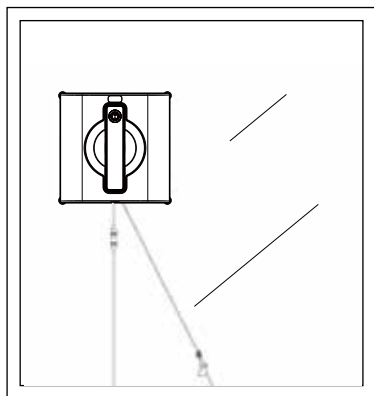
2. 打開手柄開關

- 按手柄開關【】開機，藍燈會閃爍，風機開始啟動。
- 提示：
請勿將風機靠近頭髮等細小物體，以免堵塞風機影響產品運行。



3. 吸附

- 在距玻璃邊框及其把手超過10cm的位置安放產品，待藍燈長亮，吸附成功。
- 提示：
窗戶前方有不可移動障礙物（如護欄、家具等）時，當窗戶與障礙物間隙大於7.5cm時方可使用本產品。



4. 開始工作

- 機器吸附成功後，有三個方法啟動自動工作模式。

方法一

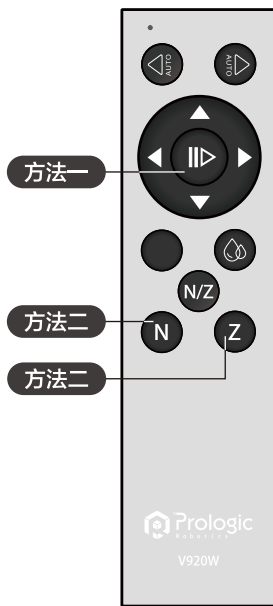
- 可按遙控器的【||>】開始/暫停鍵啟動自動工作模式。機器默認【N+Z模式路徑】開始清潔。

方法二

- 可按遙控器的【N】啟動【N模式路徑】開始清潔。適用於豎向玻璃，產品會以【N】路徑進行工作。

方法三

- 可按遙控器的【Z】啟動【Z模式路徑】開始清潔。適用於橫向玻璃，產品會以【Z】路徑進行工作。

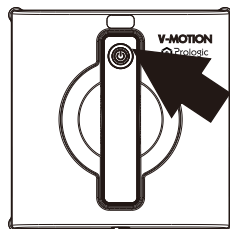


5. 暫停

- 在工作過程中，可通過遙控器上的【||>】開始/暫停鍵來暫停、恢復工作。
- 在工作過程中，可通過遙控器上的方向鍵來控制產品移動的方向，也可切換工作路徑。

6. 工作完成

- 玻璃清潔工作結束，產品將回到起始位置附近，並發出提示音。
- 緊握產品手柄，長按手柄【⏻】鍵令風機停止工作，取下主機。可用乾抹布輕輕擦去玻璃上的產品印記。
- 拔下插頭，並斷開電源。



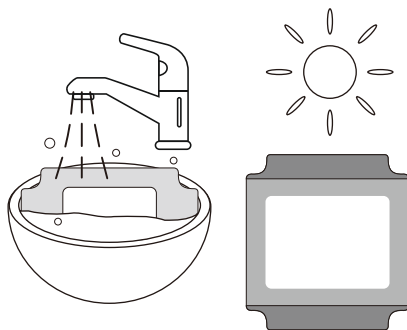
提示:

產品在工作過程中若出現紅燈報警，請先檢查電源適配器是否保持連接及正常供電。連接正常後，產品藍燈會常亮，自動恢復工作。若電源適配器正常連接產品仍出現紅燈報警，請使用遙控器的方向鍵控制產品離開該位置，待藍燈長亮時按下遙控器的開始/暫停鍵，產品恢復工作。



3.4 清洗及保養

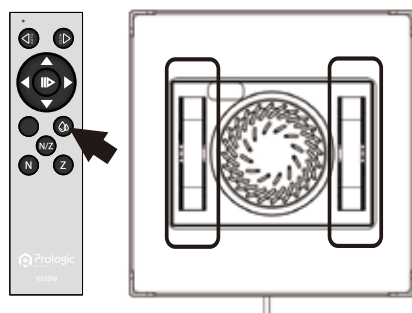
清潔抹布

- 取下清潔抹布，在20℃左右的清水中浸泡2分鐘，然後輕柔手洗，平鋪曬乾後再使用。
- 提示：
請勿直接使用清洗後的清潔抹布，避免產品在使用過程中打滑。良好的維護保養，有利於延長抹布使用壽命。當抹布老化，無法和魔術貼緊密粘貼時，請及時更換以達到最佳清潔效果。



清潔輪軸

- 連接適配器，機器藍燈常亮，按遙控器【】清洗輪軸鍵。輪子開始轉動，可使用抹布配合擦拭輪軸，按遙控器【】開始/暫停鍵，輪子會停止轉動。
- 提示：
機器在使用過程中輪軸容易粘灰和水而造成打滑，請及時清理輪軸。



4. 連接手機軟件裝置

下載及安裝

- 掃描【圖1】二維碼下載安裝【iplushome】App或在各大應用程式Google Play 及 App Store下載安裝【iplushome】應用程式。



【圖1】



登入或登錄

- 打開軟件應用程式【圖2】，如果您有i+home帳號可以直接登錄【圖3】；若沒有，可以選擇郵箱註冊，註冊後即可登錄。



【圖2】



【圖3】

添加設備:方法一

可選擇方法一或方法二連接機械人。

- 進入【iplushome】應用程式後，顯示【圖4】所示頁面，點擊中間的【添加設備】或右上角的【+】。可於左邊的列表尋找【小家電】，再找設備鍵中的【擦窗機械人（藍芽+Wi-Fi）】，顯示【圖5】



【圖4】



【圖5】

提示:

- 僅支持2.4GHz的Wi-Fi網絡。

- 輸入wi-fi帳戶和密碼【圖6】，然後按「下一步」。同一時間接入適配器，藍燈長亮，短按遙控器【右區域鍵】，紅藍燈交替閃爍，機器進入WIFI配對模式 如【圖7】等待連接。

提示:

- 一般機器打開接通電源，打開APP後就會自動發現機械人。



【圖6】



【圖7】

添加設備:方法二

- 進入【iplushome】應用程式後，APP會自動搜索可用的設備。[圖8] 再按APP內指示輸入Wi-Fi帳戶名稱及密碼。同一時間接入適配器，藍燈長亮，短按遙控器【右區域鍵】，紅藍燈交替閃爍，機器進入WIFI配對模式並等待連接。

提示:

- 僅支持2.4GHz的Wi-Fi網絡。

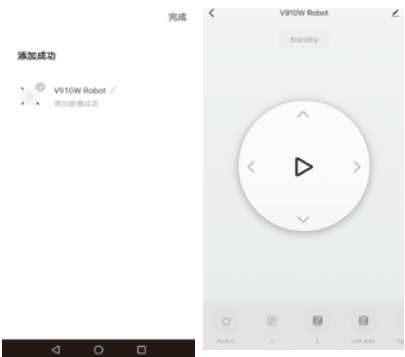


[圖8]

[圖9]

Wi-Fi連接成功

- 等待 wifi連接成功[圖10]，便可進入抹窗機械人的使用介面，並使用應用程式內置的按鍵自行更換其模式。[圖11]



[圖10]

[圖11]

退出WIFI配對模式

- 短按遙控器【左區域鍵】或長按手柄按鍵退出WIFI配對模式。

** 為了完善產品，我們將保留更新APP和軟件的權利。最終界面以實際產品為準，謝謝。

5. 指示燈及提示聲

指示燈及提示聲狀態故障

指示燈狀態	狀態
藍燈常亮	機器通電正常
	機器吸附成功進入待機狀態
藍燈閃爍	正常，可繼續操作，將產品放置到窗戶上
紅藍燈交替閃爍	安全備用電池電量不足，產品正在充電
	等待連接Wi-Fi
紅燈常亮	機器工作中紅燈常亮，輪子過載
	機器進入停機狀態
紅燈閃爍	電源適配器斷電

6. 疑難排解

當機械人運行中出現異常時，請參考以下表格嘗試解決。

故障現象	可能原因	解決方案
紅燈常亮	輪子過載	先按遙控器【N】然後按【Z】，可恢復藍燈。短按手柄按鍵可恢復藍燈。
紅燈閃爍警報聲	電源適配器斷電	先接通電源，再按下開始鍵繼續工作
		在停電情況下，利用遙控器方向鍵將產品遙控至容易取到的地方並取下產品。 (停電情況下使用遙控器存在一定的風險，請確保有人在旁邊看護)。
產品輪軸空轉，行走路徑異常	玻璃表面過髒	清洗輪軸
		更換抹布 (本產品不適用於過度髒污玻璃)
遙控器失效	操作步驟錯誤	產品在正常過程中，須先按遙控器上的【 >】開始/暫停鍵，再可選擇其他清潔模式。

Congratulations on the purchase of your Prologic Robotics V-MOTION Window Cleaning Robot ! We hope it brings you many years of satisfaction. We trust the purchase of your new robot will help keep your home clean and save your time to enjoy your life more.

Should you encounter situations that have not been properly addressed in this Instruction Manual, please contact our Customer Service Center where a technician can address your specific problem or question.

For more information, please visit the product website: **www.prologic.hk**

The Company reserves the right to make technological and/or design changes to this product for continuous improvement.

Thank you for choosing V-MOTION!

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1. Safety Instructions

Please read the following safety instructions before using this product, and follow all routine safety precautions. Please read this manual carefully. Please keep this manual. Any operation inconsistent with this manual may cause damage to the product.

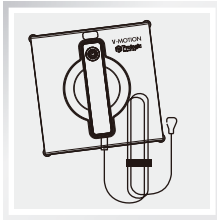
01. The product cannot be used by children under the age of 8, or persons with physical or mental disabilities. If you need to use it, please use it under the supervision and guidance of your guardian. Please keep children away from the product in working condition or play with the product as a toy.
02. Do not use this product in extreme environments (temperature below 0°C and temperature above 40°C).
03. When the product is working, please keep the product powered on at all times. The built-in safety backup battery of the product is only used to maintain the product in the case of a sudden power failure, to keep the product adsorbed on the glass within a limited time and not fall, and should not be used as a power supply for normal work to avoid risks.
04. During the use of this product, please ensure that someone is watching over it, and can provide help for the product if necessary. When the machine is working, remove valuables from under the machine and make sure that no animals are standing under the working machine.
05. Only use in home environment and indoor environment, do not use in commercial and industrial places.
06. Do not use this product on glass with cracks, advertising paper and bumps to avoid the risk of glass breaking and product falling.
07. Please use this product according to the instructions in the manual, and only use the accessories recommended or sold by the manufacturer; only the original rechargeable batteries and adapters specially designed by the manufacturer are applicable.
08. Make sure the power supply voltage matches the voltage marked on the adapter.
09. Make sure to use this product on framed glass with glass thickness greater than 5mm and frame height greater than 5mm. Use on frameless glass is strictly prohibited.
10. It is forbidden to use it on a large area of wet or oily glass to avoid the risk of falling due to slippage of the product.
11. The product should be kept away from heat sources or flammable substances.
12. It is forbidden to use this product when the product is not completely absorbed or has obvious damage.
13. Do not place this product in water or other liquids to reduce the risk of electric shock; do not store this product where it may be dropped or pulled into a tub or sink.
14. Do not touch the plug or product with wet hands.
15. Battery charging cannot be carried out in an environment that is too hot or too cold, which may affect the service life of the battery.
16. The product cannot be used when the adapter has no power supply.
17. It is forbidden to charge the machine on household appliances, damp or fire, so as to avoid unnecessary losses.
18. Please use the power cord carefully to avoid damage. It is forbidden to use the power cord to drag, lift the product or use the power cord as a handle; it is forbidden to close the glass window to clamp the power cord or place items on the power cord during use. The power cord should be kept away from heat sources.
19. Do not use this product with a damaged power cord or power outlet. Do not use the product when it fails to work properly due to drop, damage or water ingress. To avoid injury, the product should be repaired by the manufacturer or its after-sales service department.
20. If the flexible cord of the power cord is damaged, it must be replaced by a professional from the manufacturer, its maintenance department or similar department in order to avoid danger.

-
21. The plug must be unplugged from the power socket before maintaining or cleaning the product, but do not unplug the power plug from the socket by pulling the power cord.
 22. The battery must be replaced by a professional from the manufacturer, its maintenance department or similar.
 23. Before the product is scrapped, the battery must be removed and scrapped in accordance with local laws and regulations and environmental regulations.
 24. If you need to scrap this product, please cut off the power supply of the product first, and then remove the battery from the product.
 25. Please dispose of used batteries in accordance with local laws and regulations and environmental regulations.
 26. Incineration of the product is prohibited even if the product has been severely damaged, as the battery of the product may explode.
 27. Please use the product according to the instructions in this manual. The company is not responsible for any loss or injury caused by improper use.
 28. It is strictly forbidden for children, mentally handicapped persons or people who lack common sense and experience to use this product without the guidance of a special person.
 29. When the machine is working, supervise the behavior of children to ensure that this product is not being played with.
 30. Children are strictly prohibited from playing with this product.
 31. Children are strictly prohibited from cleaning and maintaining the product without supervision.

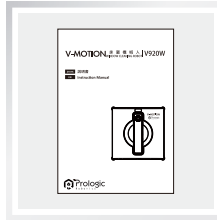
2. Product Components

2.1 Packaging Content

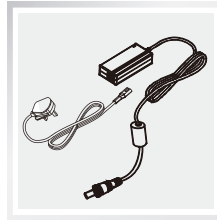
Accessories



V920W



Manual



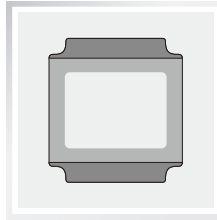
Adapter



Remote control



Extension Cord



Cleaning Pad



Cleaning solution



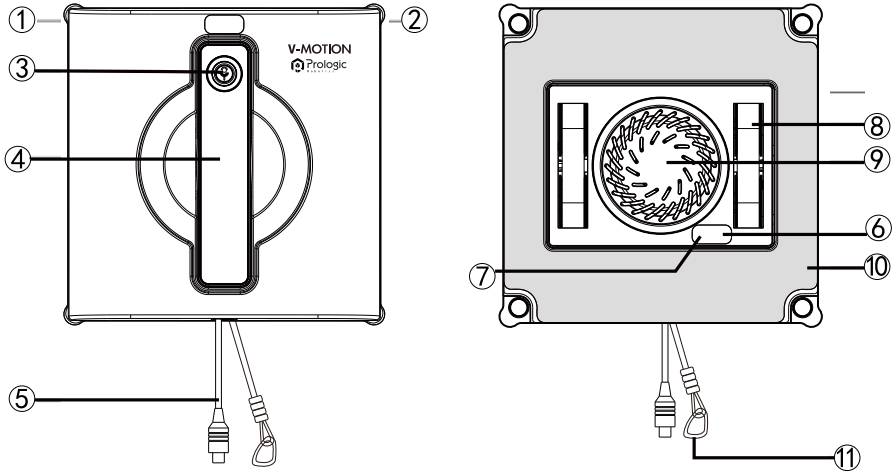
Warranty Card



Tips card

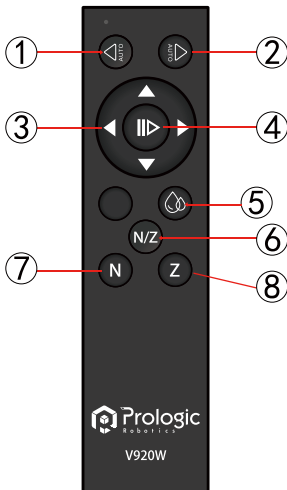
2.2 Product construction

Main



- | | | |
|----------------------------|----------------------------|------------------|
| 1. LED indicator | 5. DC connector | 9. Vacuum motor |
| 2. Remote signal indicator | 6. Rear led indicator | 10. Cleaning pad |
| 3. Power button | 7. Remote signal indicator | 11. Safety rope |
| 4. Handle | 8. Driving wheels | |

Remote control



Icon	Function	Description
1	Left Area	Auto clean from left with N path
2	Right Area	Auto clean from right with N path
		Plug in adapter, press to connect Wi-Fi
3	Arrow keys	Move manually
4	Start/Pause	Start cleaning/ pause cleaning
5	Wheel cleaning	Clean the wheel with dry cloth
6	N & Z mode	Clean with N mode, and then Z mode
7	N cleaning mode	Applicable in vertical glass with Z path cleaning
8	Z cleaning mode	Applicable in horizontal glass with Z path cleaning

2.3 Product specification

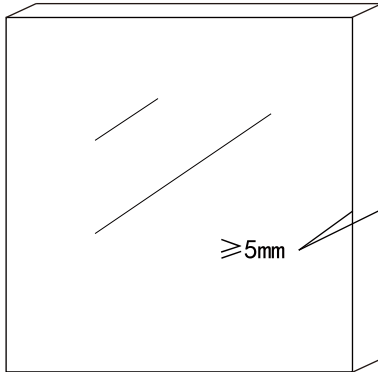
Classification	Item	Detail
Mechanical Specifications	Size	215 x 215 x 68mm
	Weight	1.15kg
Electrical Specifications	Suction	2200Pa
	Decibel	65dB
	Rating Power	72W
	Battery	500mAh
	Input	100-240V 50/60Hz 1.5A
	Output	24V/3A
	Speed	2.5m²/min

* Package Contents and Technical and design specifications may be changed in the course of continuous product improvement.

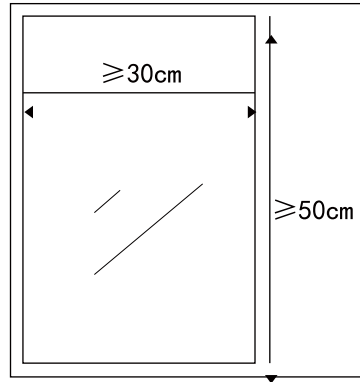
3. Instruction

3.1 Precautions

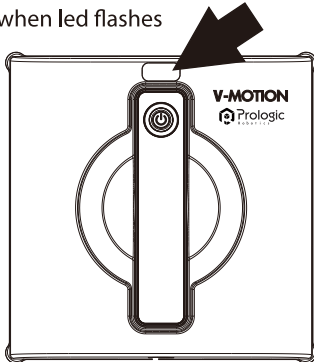
- Only workable for frame height to glass surface over 5mm.



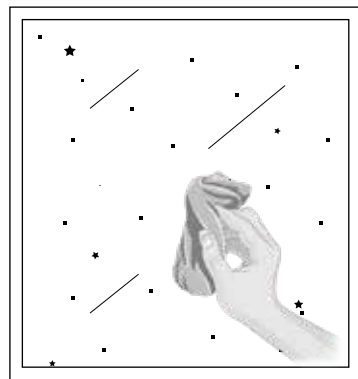
- Minimal workable glass size $\geq 30(W) * 50(H)$ cm



- Plug in with power adapter, led flashes red and blue when UPS battery in charging. Robot will be ready when led blue. Robot will not be ready for work when led flashes



- Please clean manually for heavy dirty glass before using robot.



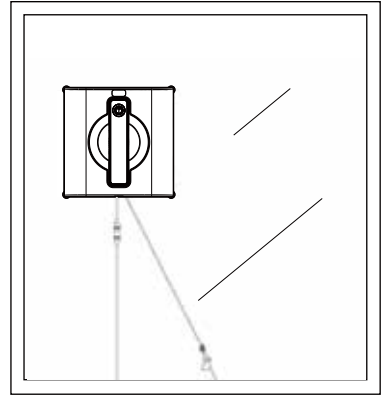
TIPS:

- When there are immovable obstacles (such as guardrails, furniture, etc.) in front of the window, The distance between the window and the obstacle have to greater than 7.5cm.
- When the product is working on a horizontal glass surface, the remote control should be used to control the operation of the product.
- If you use this product on a window that is not completely vertical, the product may not work properly, please make sure that someone is watching over the product and can help the product if necessary.
- This product cannot be used upside down.
- Please pay attention to use with the cleaning solution specially formulated by the company. Using non-specialized cleaning solution may result in poor cleaning effect or damage to the product.

3.2 Instruction of use

Connect Safety Rope

- Make sure to use safety rope when cleaning. Fix the buckle to furniture when robot cleaning the outside glass.

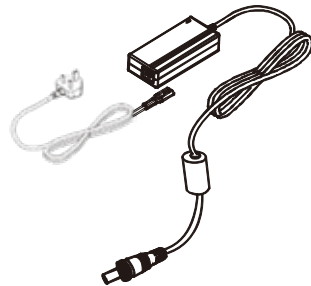


Extension Cord

- Extension cords can be used depending on the distance of the glass size. Each extension cord is 1.5m. Please pay attention when using at the outdoors at a high altitudes. Please use one extension cord only.

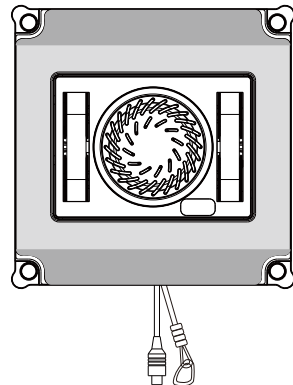
Adapter

- Please tighten the nut of the wire connector to ensure the safety issues.



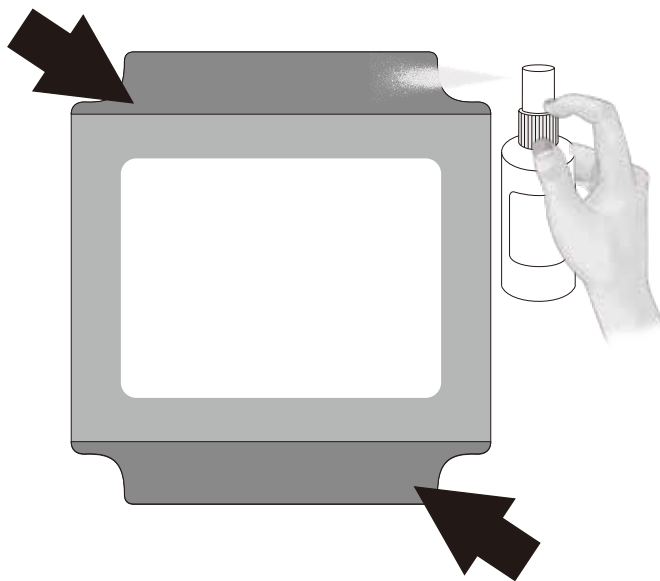
Attach the cleaning pad

- Please make sure attach the cleaning pad properly. Mis-posting the cleaning pad will lead to operation fault. (Cleaning pad should not cover the inner cavity & vacuum motor.)



The use of cleaning solution

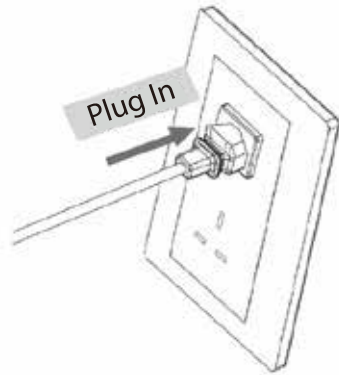
- Highly recommended to tear off the cleaning pad before spraying on top of it. Please spray on the upper & lower thicker part of the cleaning pad. Please adjust the amount of cleaning solution according to the dirt situation. Do not spray more than 5 times of each parts to avoid the slip condition.
- Please use the dedicated cleaning solution for this products to avoid the product damage.




3.3 Operation

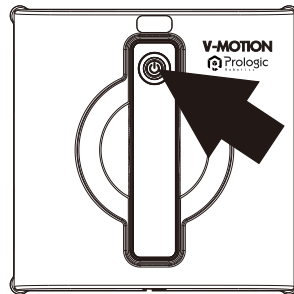
1. Power adapter

- Plug in power adapter to wall outlet and the robot. Robot led blue.
- **TIPS:**
Do not disconnect power adapter when the robot in operation. Risk of fall off if power adapter disconnected when operation.



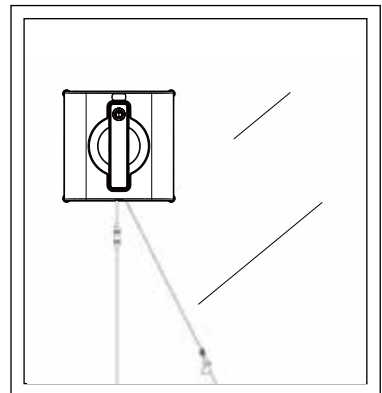
2. Switch ON

- Press the button  on the robot to switch on V920W. LED flashes in bkue, vacuum motor start.
- **TIPS:**
Keep vacuum motor away from small items to prevent from blockage.



3. Attach to the glass


- Put the robot on the glass with no less than 10cm to the frame edges.
- **TIPS:**
When there are immovable obstacles (such as guardrails, furniture, etc.) in front of the window, this product can be used only when the gap between the window and the obstacle is greater than 7.5cm.



4.Start operation

- Once the robot are attached on the window, there are 3 methods to start the operation as below,

Method 1

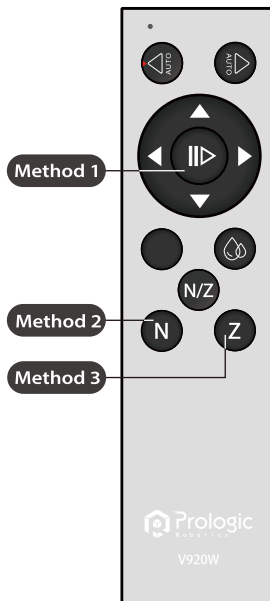
- Press remote control [] button to start and pause the cleaning work. It defaults to clean under [N+Z path] working mode.

Method 2


- Press remote control [N] to start the [N Cleaning mode]. It is applicable with vertical glass, it will start to work under [N] path.

Method 3


- Press remote control [Z] to start the [N+Z Cleaning mode]. It is applicable with horizontal glass, it will start to work under [Z] path.

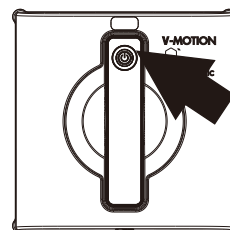


5.Pause

- Press remote control [] to start, pause and resume the cleaning work.
- Press the arrow keys to control the robot movement and change the direction.

6.Done

- Robot will return to its start point when cleaning is complete with a notification sound.
- Please hold the handle and long press [] the button to stop the robot, and take it off. May wipe the mark which the robot stopped on the window.
- Please cut off the power supply and unplug the adapter.



• NOTE:

If a red light alarm occurs during the working process of the product, please check whether the power adapter is kept connected and powered normally. After the connection is normal, the blue light of the product is always on, and it will automatically resume work; Please use the direction keys of the remote control to control the product to leave this position. When the blue light is on, press the start/pause key of the remote control, and the product will resume work.

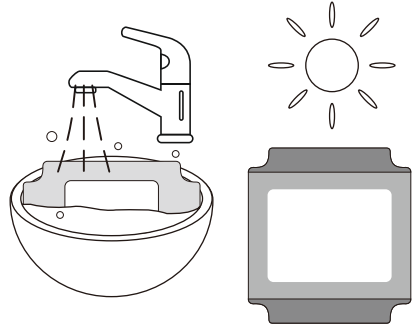
3.4 Product Maintenance

Wash the cleaning pad



- Take off the clean cloth from robot, put it in clean water for 2 minutes, then hand wash and dry for next use.

TIPS:

Do not use wet cleaning pad on robot to avoid the slippage. A better maintenance could enhance the cleaning pad life time. When the cleaning pad get old, it cannot be closely attached with the robot. Please replace it time to time.

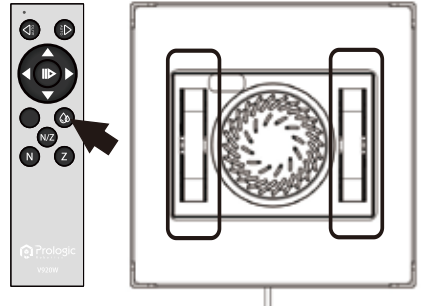


Clean the driving wheels

- Connect to power adapter, LED on blue. Press  on remote control, wheels will start rolling. Use clean cloth with some cleaning solution to clean the wheels. Press  Start/Pause button to stop wheels.

TIPS:

Wheels are easy to stick to ash and water and cause slippage. Please clean the wheels regularly.



4. Connecting to Wi-fi

Install APP

- Scan [Fig 1] QR code to install 【iplushome】 App in app store or google play.



[Fig1]



Sign-in / Login

- Turn on the APP [Fig2], please login if you have an account. If not, please sign in with email address.



[Fig2]



[Fig3]

Add device :method 1

There are two method to connect device with Wi-Fi.

- By clicking the middle of the screen 【 add devices 】 or the right hand side corner 【 + 】 to add new device. [Fig4]Choose 【 small home appliances 】 on the left hand side menu. Click the 【 Window Cleaner (BLE+Wi-Fi) 】 . [Fig 5]
- Tips:
Only applicable with 2.4GHz Wi-Fi networks.
- Fill in the Wi-Fi account and password [Fig6].
On the same time, plug in the window cleaning robot, the blue lights always on. Press 【right area】 button on the remote control. The light with blink in blue and red alternately, means the device are connecting with Wi-Fi.
- Tips:
Normally, the robot and the App is on, the APP will automatically search for the robot.



[Fig4]



[Fig5]



[Fig6]



[Fig7]

Add device :method 2

- Once the robot and app are on, the app will automatically search for any applicable device [Fig8]. Please fill in the Wi-Fi account and password as [Fig9]. Plug in the window cleaning robot, the blue lights always on. Press 【right area】 button on the remote control. The light will blink in blue and red alternately, meaning the device is connecting with Wi-Fi.
- Tips:
Only applicable with 2.4GHz Wi-Fi networks.



[Fig8]

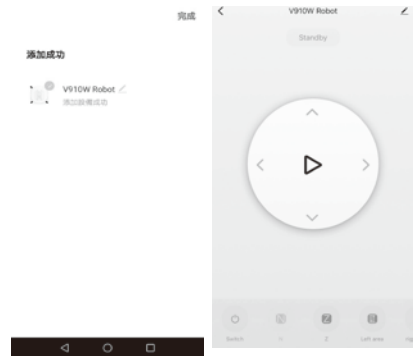
[Fig9]

Wi-Fi connection success

- Wait until the connection is done [Fig10], you may enjoy the smart home experience with V920W window cleaning robot.

Quit the Wi-Fi pairing mode

- Press 【right area】 on the remote control or press the button on V920W for 3 seconds to quit the Wi-Fi pairing mode.



[Fig10]

[Fig11]

5. Equivalent and tone

Indication and sound status fault

Status of indication light	Situation
Blue light (Always on)	Work Normal
	Attached to glass and Standby
Blue light (Flashing)	Work normally, please put it on the window
Red and blue lights (Flash alternately)	UPS battery recharging
	Waiting for Wi-Fi connect
Red light (Always on)	Wheels overload when in working
	Robot not working
Red light (Flashing)	Power adapter disconnect

6. Troubleshoot

When the robot runs abnormally, please refer to the following table to try to solve it.

Phenomenon	Reason	Solution
LED Red light on	Wheels over load	Press 【 N 】 , then press 【 Z 】 to reset. Press the button to resume work.
LED Red light flash	Power adapter disconnect	Connect power, press power button to resume cleaning.
		Pull the robot back by safety rope and take off the robot.
Wheel could not move	Glass is too dirty	Clean the wheel
		Change clean cloth (The robot is not suitable for heavy dirty glass)
Remote not work	Wrong operation	While the robot is cleaning, need to press 【 >】 button which on the remote control to pause the robot before changing the cleaning mode.



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