

H-MOTION 吸塵機械人 | H510

FLOOR CLEANING ROBOT

ZH-HK

說明書

EN

Instruction Manual



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感謝您選購 Pro Logic Robotics 產品 —— H-MOTION吸塵機械人！希望您使用愉快，我們相信這款全新吸塵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，請瀏覽：www.prologic.hk

本資料產品以實物為準，本公司保留產品更新的權利，如有變動，恕不另行通知。

感謝您選擇H-MOTION!

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1. Wi-Fi 設置說明

1

掃描圖1二維碼下載安裝“WeBack”App
或在各大應用商店下載安裝“WeBack”App。



圖1



圖2



圖3

2

打開App，如果您有WeBack賬號，可以直接登錄，若沒有，可以在屏幕下方“更多選擇”挑選郵箱或手機註冊，登錄後點擊“”。

3

掃描機身二維碼或右側二維碼，或手動輸入掃地機型號，確定設備型號，按App提示進行操作至連接成功。



圖4



prologic-h510

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

1. Wi-Fi 設置說明

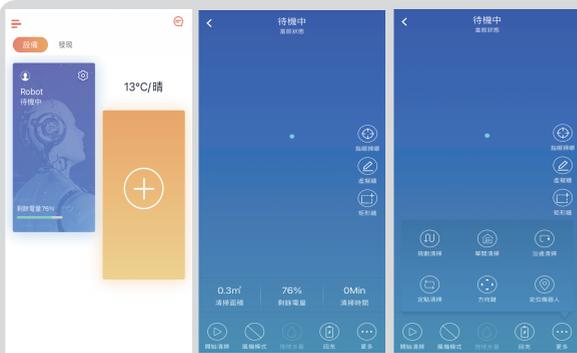


圖5

圖6

圖7

4

當APP顯示如圖5頁面時，您就可以使用APP來控制您的掃地機器人了。點擊設備後進入APP的控制界面（圖6），在此界面您可以選擇不同的清潔模式，也可以查看清潔過程/狀態。點擊右下方“更多”鍵，查看更多功能選項（圖7）。

5

在設備管理頁面上，單擊設備的右上角“”按鈕（圖8），進入設置頁面（圖9）。



圖8

圖9

2. 安全注意事項

使用產品前請仔細閱讀此說明書。

請保管好此說明書。

使用產品時，請保持一貫的警惕性，遵循以下事項：

主機及配件相關安全注意事項

⚠ 警告

01. 切勿自行拆卸修理或改裝機器否則將會損壞產品並發生危險。
02. 請勿在有可能起火或爆炸的環境中使用本產品。
03. 本產品只能使用原裝電源適配器否則可能導致產品受損起火。
04. 禁止站立或坐在本產品上否則可能造成產品損壞或發生跌倒。
05. 電源插頭的金屬部分周圍附著灰塵時，務必用乾布擦拭乾淨。
06. 電源適配器使用100-240V交流電壓，請將插頭正確插入插座避免孩童觸碰。
07. 禁止對主機及電子器件水洗浸泡，否則將造成短路損壞。
08. 請勿損傷加工電源線，切勿將重物壓在電源線上，對電源線加熱或拉扯彎折電源線。
09. 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）
10. 本產品為戶內家用產品，請勿在戶外使用。
11. 禁止用金屬及導電物質接觸電池接點，否則造成短路。

⚠ 注意

01. 切勿濕手觸碰，否則有可能導致觸電。
02. 請勿將本產品置於易掉落地方，如桌椅房間高台上。
03. 本產品是精密電子設備，應避免長時間在日光下暴曬。
04. 請勿在潮濕環境使用本產品，如浴室。
05. 請勿將本產品靠近煙頭，打火機及其他明火。
06. 請在充電結束後對本產品進行清潔。
07. 長時間不使用本產品時，請關掉機器側面的電源開關。
08. 使用前請仔細檢查電源適配器是否已和插座連接好，否則將導致機器受損。
09. 使用本產品前，請移除地面上所有易損物品，如玻璃杯燈具以及有可能纏住邊刷和吸風通道的物品，如電線，窗簾。
10. 垃圾盒已滿時請先清空垃圾再使用機器。
11. 請勿用機器清潔建築垃圾。
12. 本產品使用溫度範圍為0攝氏度到40攝氏度，請勿在高溫或低溫環境下使用
13. 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。

2. 安全注意事項

充電電池相關安全注意事項

⚠ 危險

01. 務必使用專用的電池適配器，否則將導致漏液發熱或破裂。
02. 切勿使電池短路或拆卸電池否則將導致漏液發熱或破裂。
03. 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。
04. 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。

⚠ 注意

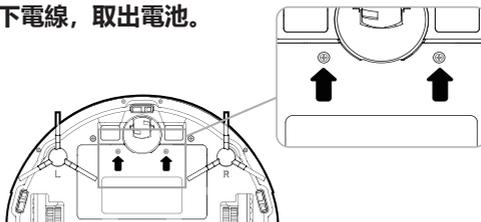
01. 進行充電時若發現異常過熱請立即停止使用，否則將導致漏液發熱或破裂。
02. 為延長電池使用壽命，長時間不使用時請將電池拔出，放置於陰涼乾燥環境，否則導致漏液發熱或破裂。
03. 切勿浸入水中或接觸到液體否則將導致漏液發熱或破裂。
04. 發生異常（如變色或變形）時請務必停止使用，否則將導致漏液發熱或破裂。
05. 進行回收再利用或廢棄處理時務必使用膠帶等將電極部分絕緣。
06. 如果電池漏液，請用乾抹布擦乾淨，及時回收，或者廢棄。
07. 將回收的電池集中放置在社區、酒店、學校、大型商場超市等設置的電池回收箱或有害垃圾桶，由專業回收機構收集。廢棄產品電池，必須遵循當地法律法規移除並廢棄產品電池。

⚠ 警告

01. 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。
02. 切勿在其他設備上使用本產品的充電電池，本電池僅適用於智能掃地機器人。
03. 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。
04. 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。
05. 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。

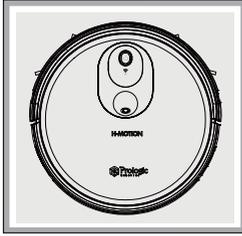
如何拆卸電池

01. 用螺絲刀取出電池蓋上的兩個螺絲。
02. 取出電池蓋。
03. 取出電池，拔下電線，取出電池。

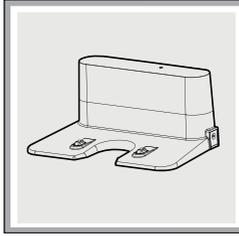


3. 產品組成

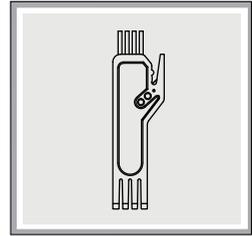
3.1 組件名稱



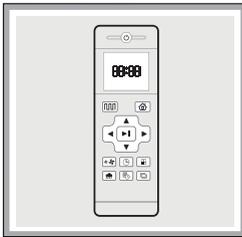
H510



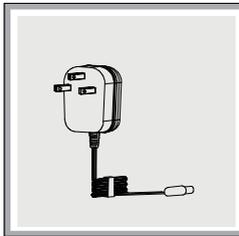
充電座



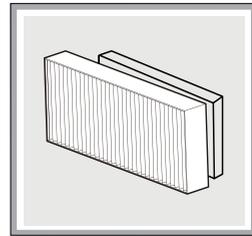
清潔工具



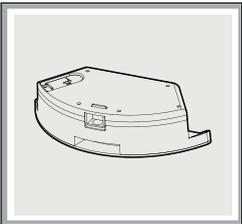
遙控器



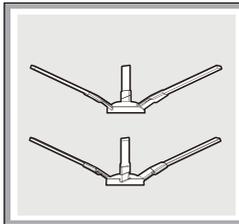
電源變壓器



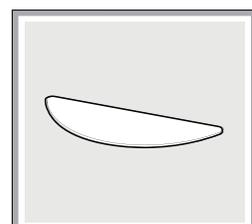
高效濾網



水箱



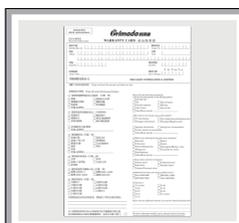
邊刷



清潔抹布



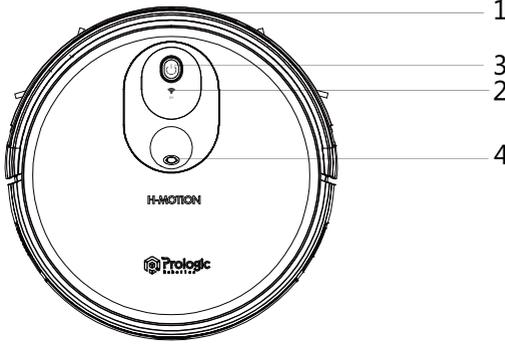
說明書



產品保用證

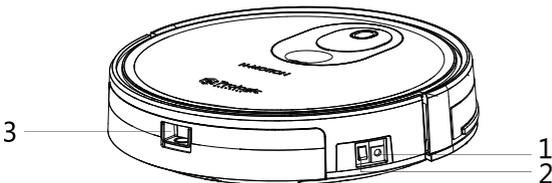
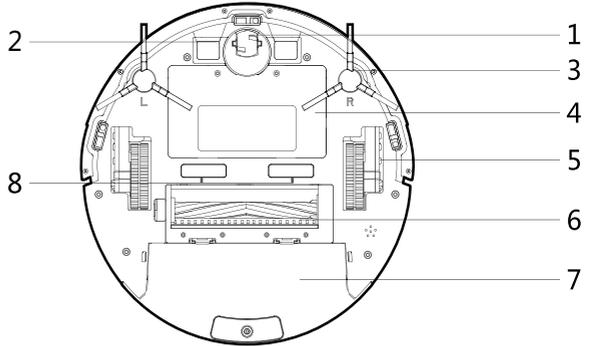
3. 產品組成

主機圖解



- 1.保險桿
- 2.Wi-Fi 指示燈
- 3.控制按鍵
- 4.攝影鏡頭

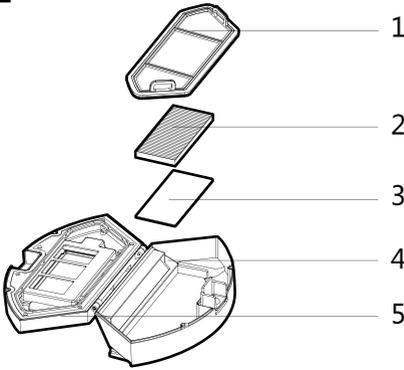
- 1.萬向輪
- 2.充電彈片
- 3.邊刷
- 4.電池蓋
- 5.邊輪
- 6.滾刷組件
- 7.塵盒
- 8.UV燈



- 1.DC電源插孔
- 2.電源開關
- 3.塵盒/水箱釋放鍵

3. 產品組成

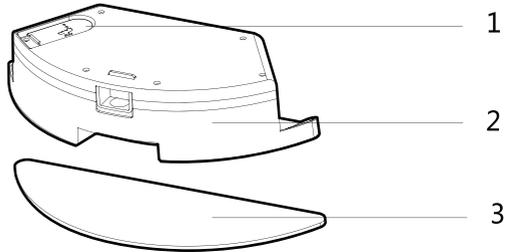
塵盒



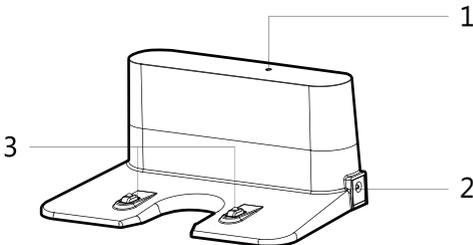
- 1.初級濾網
- 2.高效濾網
- 3.過濾海綿
- 4.儲塵盒
- 5.儲塵盒蓋

水箱

- 1.水箱密封塞
- 2.儲水器
- 3.清潔抹布



充電座



- 1.充電指示燈
- 2.DC電源插孔
- 3.充電端點

3. 產品組成

3.2 技術參數

分類	專案	參數
結構類	直徑	330mm
	高度	81mm
	淨重	2.8Kg
電子類	工作電壓	14.4V
	額定功率	22W
	電池容量	2600mAh
	充電座額定輸入電壓	100-240V 50/60Hz
	充電座額定輸出電壓	19V
	充電座額定輸出電流	0.6A
功能參數	充電類型	手動充電/自動充電
	充電時間	約 240~360 分鐘
	清潔時間	≤120 分鐘
配件類	水箱容量	350mL
	塵盒容量	600mL
	抹布	290 x 100 x 4mm
主機按鍵類型		LED 按鍵

3. 產品組成

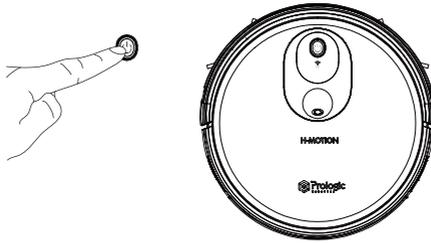
3.3 產品特性

3.3.1 智能化清掃調節

本產品依據不同清掃模式，可通過遙控器對清掃模式進行調整，大大提高了清掃的效率而且能節省30%的電量。

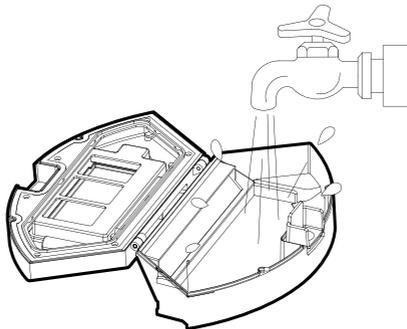
3.3.2 人性化設計

操作簡單，易上手。只需輕輕一按“控制”鍵，便可操控機器。



3.3.3 儲塵盒可用水沖洗

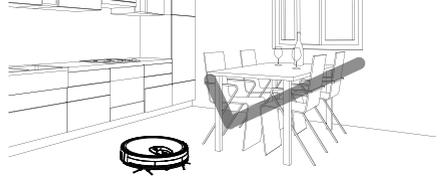
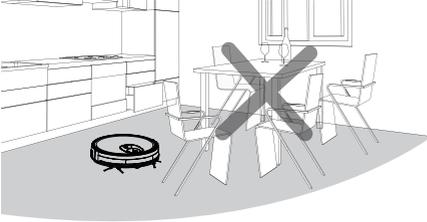
儲塵盒及濾網都可以直接用水進行沖洗，不需花費您過多的勞動；而且用水沖洗儲塵盒還可以避免灰塵飛揚造成的二次污染。



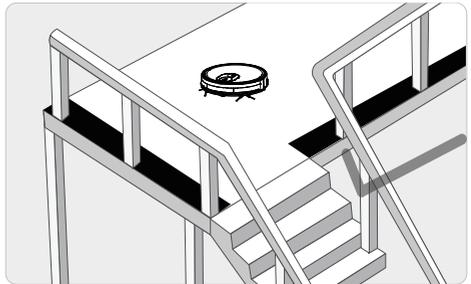
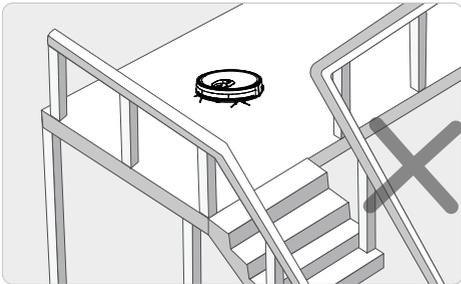
4. 使用說明

4.1 注意事項

主機工作時，請您給予協助並排除工作中不友好的障礙。
將家中的桌椅等家具和家電擺放整齊，主機會順利清掃，還你一個潔淨如新的家。



如主機在複式層樓梯口、台階邊緣或家具間狹小區域入口等處執行任務，請放置防護欄確保其安全及運行順暢。

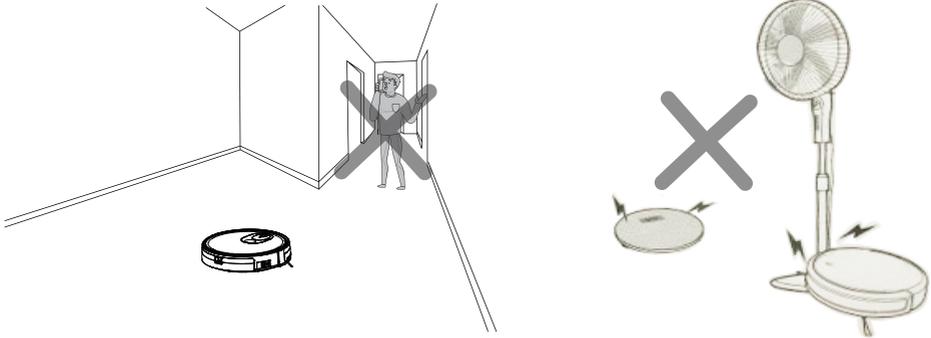


4. 使用說明

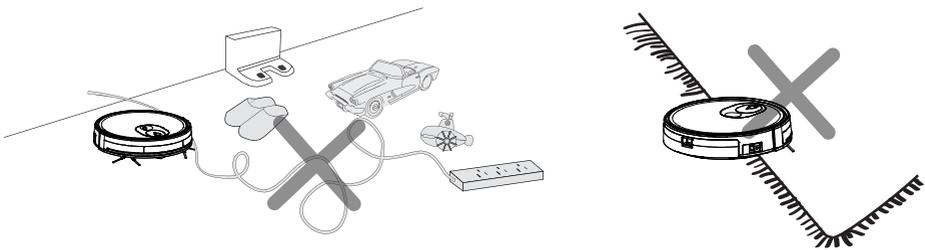
4.1 注意事項

請不要站在門檻和過道等狹窄的地方，避免主機漏掃。

主機執行工作時，請保證清掃區域內勿放置最低邊緣不足1.8厘米的物體，防止主機攀爬卡住。



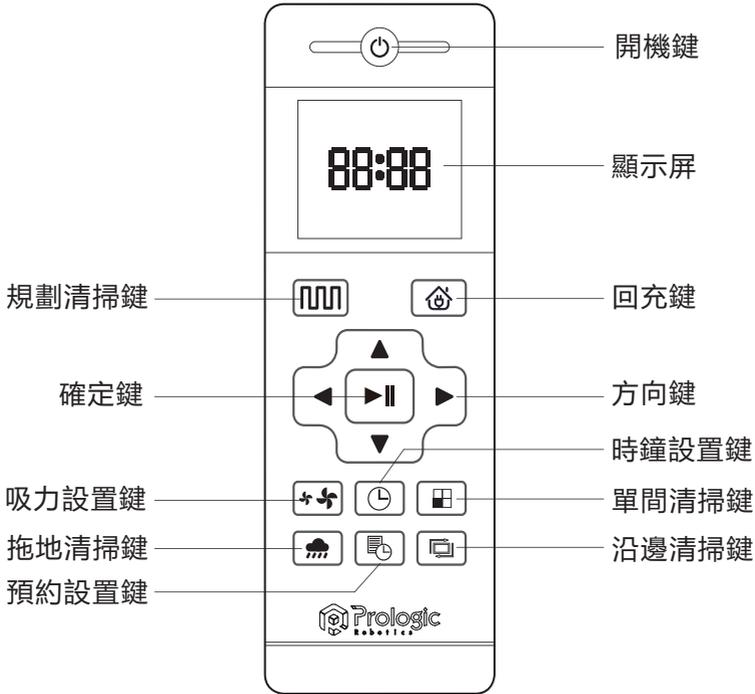
地面上散落的電源線、玩具等雜物，有可能絆住或者纏繞主機，請注意移除雜物。請勿在地毯上使用拖地功能，如家中有地毯，請提前將其邊緣捲起。



4. 使用說明

4.2 遙控器說明

在充電座及虛擬牆附近區域，機器有可能無法辨別遙控器發出的指令。
若長時間不使用遙控器，請將電池取出。



4. 使用說明

4.2 遙控器說明

規劃清掃鍵

按此鍵機器進入規劃清掃模式。

回充鍵

按此鍵機器進入回充模式，此時遙控器屏幕顯示 .

▲ 向前

按此鍵機器持續前進，鬆開機器返回待機模式。
在預約模式下或時間設置模式下，按此鍵數字遞增。

▼ 向後

按此鍵機器持續後退，鬆開機器返回待機模式。
在預約模式下或時間設置模式下，按此鍵數字遞減。

◀ 向左鍵

按此鍵機器持續左轉，鬆開機器返回待機模式。
在預約模式下或時間設置模式下，按此鍵數字由分鐘切換小時。

▶ 向右鍵

按此鍵機器持續右轉，鬆開機器返回待機模式。
在預約模式下或時間設置模式下，按此鍵數字由小時切換分鐘。

▶|| 確定鍵

在工作狀態下按此鍵機器暫停，在暫停狀態下機器繼續工作。
預約設置或時鐘設置模式下，按此鍵保存設置。

吸力設置鍵

除回充模式與濕拖模式外，其他模式下，按此鍵可以調整吸力大小。

時鐘設置鍵

按此鍵進入時鐘設置模式，按確定鍵退出。

單間清掃鍵

按此鍵機器進入單間清掃模式。

拖地清掃鍵

按此鍵機器進入拖地清掃模式。

預約清掃鍵

在待機模式下，按此鍵進入預約設置模式，同時顯示屏閃爍圖標 。
在預約設置下，按此鍵保存數據並退出預約設置模式，同時顯示屏常亮圖標 。
在預約設置下，長按3秒預約鍵，預約功能取消，同時顯示屏清除圖標 .

沿邊清掃鍵

按此鍵機器進入沿邊清掃模式。

00:00

顯示預約時間

00:00

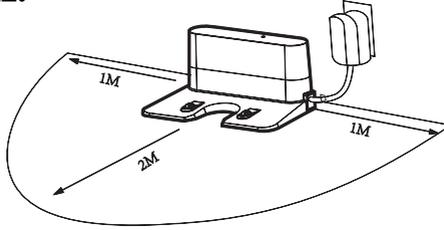
顯示時鐘時間

4. 使用說明

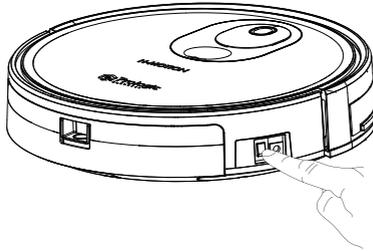
4.3 操作指南

4.3.1 放置充電座

將充電座平坦靠牆放置，左右1米及前方2米內不要放置物品，且不要有鏡子等反射面較強物體。

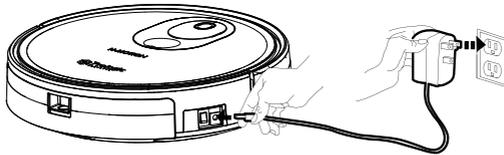


打開機器電源開關，控制按鍵會開始長亮白燈並進入選擇模式。如果10分鐘內沒有對機器進行操作，機器將會進入休眠模式。



4.3.2 開機充電

給機器充電之前，請保持電源開關處於打開狀態。

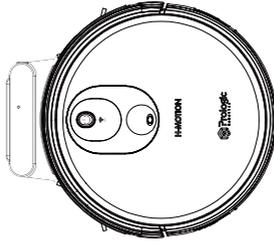


充電方式一：

直接將電源適配器插孔插到機器上。另一頭接通電源，對機器進行充電。

4. 使用說明

4.3.2 開機充電

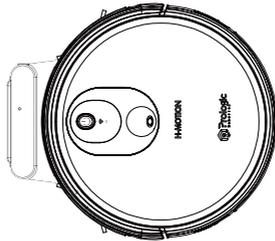


充電方式二：

在任意模式下，選擇遙控器或者APP上的回充鍵，使機器自動回充。

4.3.3 自動充電

清掃完成或者電量過低時，機器會自動開始尋找充電基座充電。請保持充電基座處於通電狀態，否則，機器將無法找到基座進行充電。



充電注意事項

- 01.首次使用機器，請讓機器把電量用完。
- 02.首次充電請使機器充滿12小時，機器充電時，控制按鍵會循環閃爍，充電完成時控制按鍵燈長亮，進入休眠時，燈會熄滅。
- 03.若長時間不使用機器，請把電源關關關掉。
- 04.電量用完後，請盡快重新對機器進行充電。
- 05.本產品只能使用工廠配備的電源適配器和充電座。
- 06.電池由售後部維修更換。

4. 使用說明

4.3.4 模式切換



開機

01. 確保機器側面的電源開關處於打開的狀態。
02. 按壓控制按鍵或遙控器上寫著清掃模式使機器開始工作。

暫停

暫停是指使機器從工作狀態切換到選擇模式，可由以下操作使機器暫停：

01. 按壓機器控制按鍵使機器暫停
02. 按壓遙控器上的啟停按鍵使機器暫停。

注意：機器暫停後，可重新對機器進行操作。

休眠

休眠模式是指機器處於停止狀態，控制按鍵燈滅。

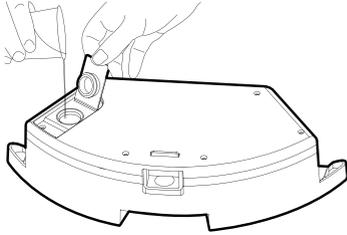
若10分鐘沒有對機器進行操作，機器會自動進入休眠模式。

注意：若長時間不使用機器，請將電源開關關掉。

4. 使用說明

4.3.5 水箱使用

充電時請將水箱取下以免造成危險。

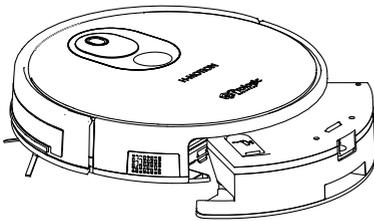
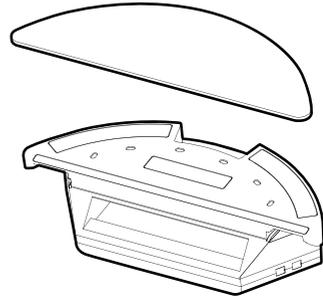


加水

打開水箱密封塞，接足量水，將水緩慢注入蓄水器中。

黏貼滲水抹布

蓋緊水箱密封塞，黏貼滲水抹布於水箱底部魔術貼上。



安裝水箱組件

按下主機尾部的塵盒釋放鍵，取出塵盒，安裝水箱組件。

4. 使用說明

4.3.6 預約清掃

您可通過遙控器上的“時鐘設置鍵”調節機器為當前時間，然後按“確定鍵”。



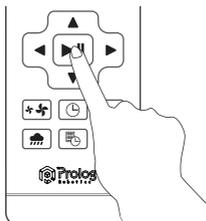
按“預約”鍵，設定機器的預約清掃時間。

(將機器設定為6:30，在待機狀態下，機器會在每天的6:30開始為您做清掃工作。)



- ☆ 一旦電源開關被關掉，所有的預約都會被取消清零。
- ☆ 一旦預約生效，機器會每天準時在預約好的時間開始工作。

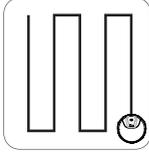
先按預約鍵，機器進入預約模式，在遙控器上設置預約時間；設置完成後按啟停鍵或者預約鍵即可完成預約設置，設置時需對著機器進行操作；若需要取消預約，長按3秒預約設置鍵即可取消預約。



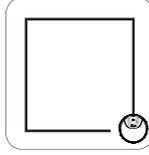
- ☆ 在預約清掃模式下，所有操作都會有提示音進行確認。

4. 使用說明

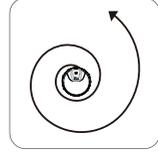
4.3.7 清掃模式



規劃清掃
機器將根據房間環境進行弓字形規劃清掃



沿邊清掃
機器將沿房間的最大邊緣進行滿掃



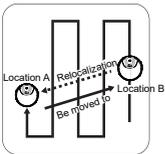
定點清掃
定點清掃功能僅適用於APP內操作

單間清掃

在單間模式下，機器風力默認是強力模式，會以弓字型的清掃路線錢進行清掃，並依據不同的地面環境和障礙物進行調整姿態在完成一個房間的清掃自動回到原點。

拖地模式

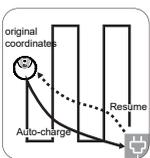
在拖地模式下，機器會以弓字型的清掃路線對房間進行清掃，並且依據不同的地面環境和障礙物進行調整姿態。



視覺重定位

在清掃過程中，暫停後搬動吸塵機械人，再重新啟動時，吸塵機械人會尋求重定位。

在單間當吸塵機械人在一個環境內部行走幾個回合後（最少一個來回），視覺模塊就建立起了當前環境的三維點雲圖，此時暫停吸塵機械人，然後搬動機械人，放下機械人後，重新按啟動吸塵機械人，此時吸塵機械人會報“定位中”的語音，並會開始旋轉尋求重定位，如果重定位成功，吸塵機械人報“定位成功，繼續規劃清掃”，吸塵機械人會繼續之前的清掃工作。如果失敗，吸塵機械人會報“進入新區域，重新規劃清掃”，吸塵機械人會清除所有狀態，重新開始清掃。



斷點續掃

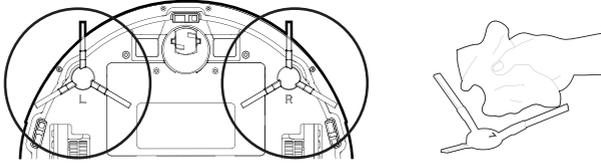
在清掃過程中，電量低會導航至充電座充電，充電完畢後會導航至電量低的斷點繼續清掃。

當掃地機在清掃過程中，電池電量低於20%，掃地機會導航至充電座充電，充電完畢後掃地機會導航至之前電量低的斷點繼續清掃。

5. 清潔及保養

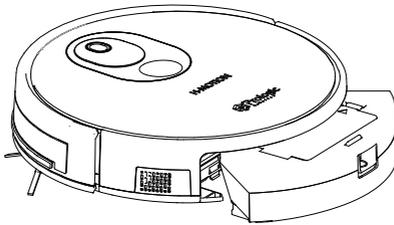
5.1 邊刷清理及更換

不定時檢查邊刷狀況，查看是否已受損或纏上異物，用清潔工具或抹布清潔邊刷當邊刷受損無法使用時請及時更換，L和R各自對應。

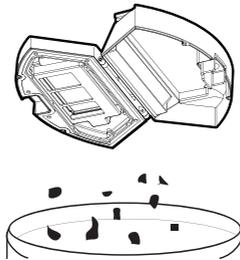


5.2 集塵盒及濾網清理

1. 按下塵盒釋放鍵取出塵盒。



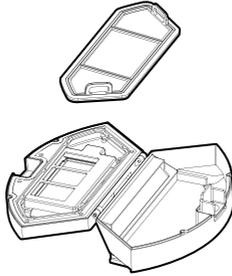
2. 打開塵盒蓋，傾倒垃圾。



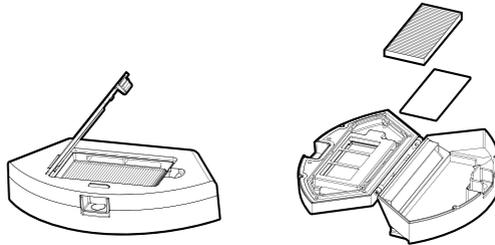
5. 清潔及保養

5.2 集塵盒及濾網清理

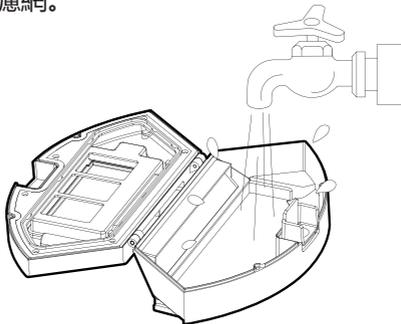
3. 取出初級濾網。



4. 打開高效網蓋取出高效濾網及過濾海綿，高效濾網不建議水洗，請輕拍去灰。



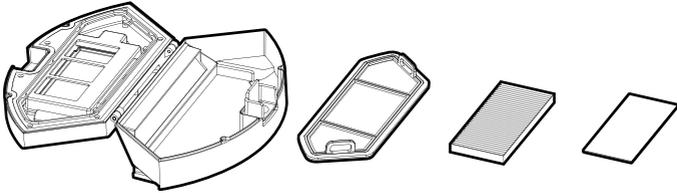
5. 沖洗塵盒及初效濾網。



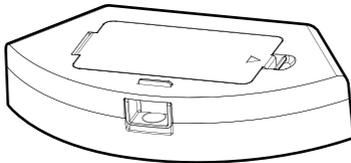
5. 清潔及保養

5.2 集塵盒及濾網清理

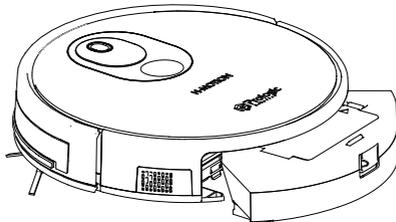
6. 晾曬塵盒及濾材組件，保持乾燥以保證其使用壽命。當初效濾網使用15-30天后，建議水洗一次。高效濾網最大使用壽命為3個月。



7. 將初級濾網和高效濾網重新裝回塵盒裡。安裝濾網前，請確保高效濾網及初級濾網處於乾燥狀態。請勿將高效濾網和初級濾網置於陽光下曝曬。



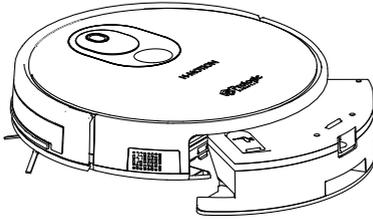
8. 蓋上塵盒蓋子，將塵盒安裝到主機上。



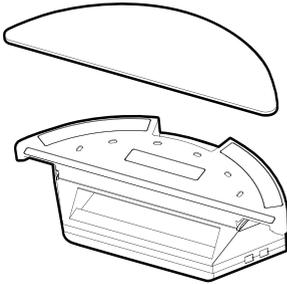
5. 清潔及保養

5.3 水箱組件維護

1. 拆除水箱組件，按壓水箱釋放鍵取出水箱組件。



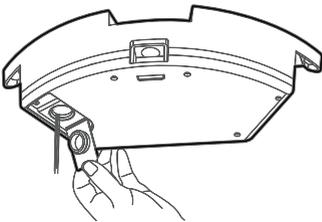
2. 取出滲水抹布。



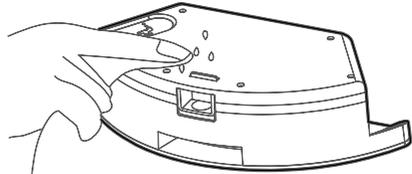
3. 沖洗及晾曬滲水抹布。



4. 倒掉蓄水器中剩餘的水分。



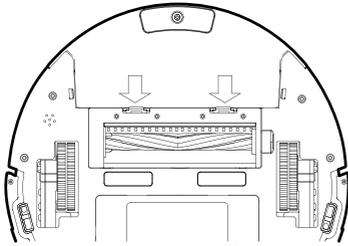
5. 擦乾水箱組件並晾乾。



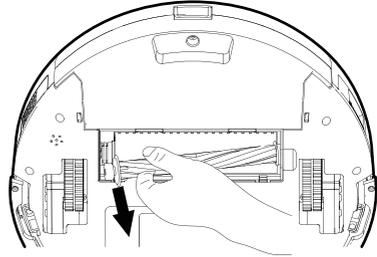
5. 清潔及保養

5.4 滾刷組件維護

1. 打開滾刷蓋組件。

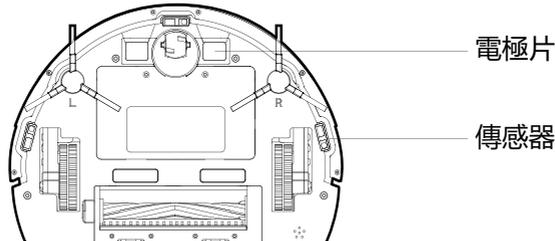


2. 取出滾刷軸，清理滾刷軸上的雜物以及毛髮。

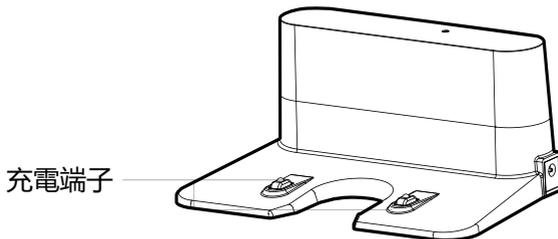


5.5 其他組件維護

1. 不定期使用清潔工具或乾燥軟布輕輕擦拭機器底盤充電電極片及傳感器視窗。



2. 用乾的清潔工具或軟布清潔充電座端子。



6. 疑難排解

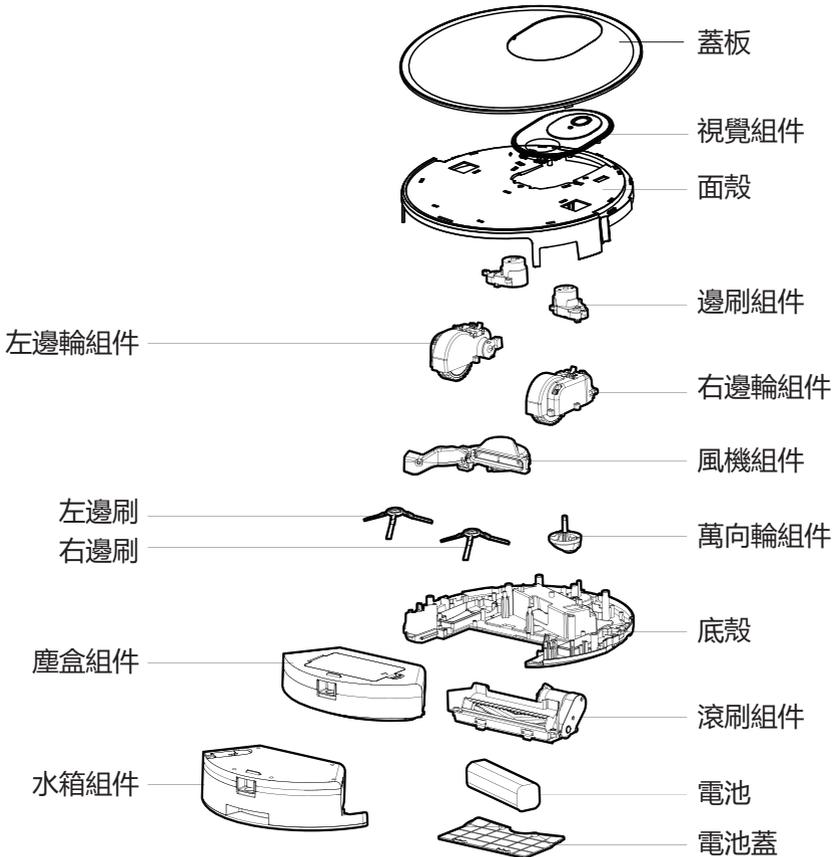
6.1 故障說明

故障情況	可能原因	解決方案
主機無法充電	主機與充電座的充電極片未充分接觸。	確保主機與充電座的充電極片充分對接。
	充電座電源被關閉，主機電源開關已打開，導致電量損耗。	主機不執行工作時，建議使其保持充電狀態，以便更好的進行下一次工作。
主機工作時陷入困境	主機被地面上散亂電線，下垂的窗簾布或地毯邊等纏繞或阻礙。	主機會自主嘗試各種方法脫困若未能脫困，建議手動幫助。
未清掃完畢，主機返回充電	主機工作中能感知電量不足，自動返回充電。	對主機進行充電。
	木質地板，瓷磚等平整地面主機工作速度及時間長短不同。	主機的工作時間，因房間複雜程度，垃圾量和清掃模式不同而有差異。
主機未按預約時間自動清掃	主機電源開關未開，主機在關閉狀態無法按照約定時間自行工作。	打開主機電源開關。
	主機電量不足。	主機待機時，應保持在充電座上充電狀態，確保其隨時有充足電量工作。
	主機部件被垃圾堵塞，纏繞。	關閉電源，清理塵盒之後將主機底部朝上，分別清理各部件。
遙控器失靈 (遙控器有效控制範圍是5米)	遙控器電池電量不足。	更換新電池並正確安裝。
	主機電源開關未打開或主機電量不足。	確保主機電源開關已開啟，並有充足電量完成操作。
	遙控器紅外線發射或者主機接收器髒污無法發射或者接收信號。	用乾淨棉布擦拭遙控器的紅外線發射器及主機的紅外線接收器。
	主機附近有產生紅外線的設備干擾信號。	避免在其它紅外線設備附近使用遙控器。
主機工作時出現漏掃、路線亂、跑偏及APP端掃地圖顯示不規律、不工整等現象	可能由於主機攀爬小台階、門檻、門條時，驅動輪與地面打滑，從而影響到主機對全屋工作環境的判斷。	建議關好該區域的房門，單獨清掃該區域。主機具備自主識別單間功能，清掃完成後會回到起點，請放心使用。
	在剛打蠟、拋光的地面地板或表面光滑的地磚上工作，造成驅動輪和地面摩擦力減小。	建議您待地板蠟風乾後再進行清掃。
	地面擺放的電線、拖鞋等物體影響主機正常工作。	主機工作前請先整理好地面散落的電線、拖鞋等物體，盡可能減少地面零散物品。

6. 疑難排解

6.2 可替換模組

本產品適用於家庭住宅，酒店房間，小型辦公的清潔工作，對於各種短長地毯（地毯毛低於1.5厘米），木質地板，硬質地板及瓷磚等均有很好的清潔效果。





Congratulations on the purchase of your Pro Logic Robotics H-MOTION Floor 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 H-MOTION!

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6.2 Replaceable Modules	56

1. Wi-Fi Setup Instructions

1

Scan the QR code in Figure 1 to download and install “WeBack” APP, or download and install from other APP stores.



Figure 1



Figure 2

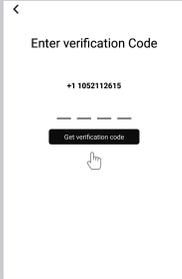


Figure 3

2

Open App, directly log in if you have a “WeBack” account; if not, you can select “New User” to sign up, and click on “” after login.

3

Scan the QR code on the device or the QR code on the right side or manual input the QR code/Barcode to confirm the device model, turn on the “Power switch” by following APP instructions and go to the next step.



Figure 4

To perfect the product, we keep the right of updating the APP and the software. The final interface is subject to the actual product, thank you.

1. Wi-Fi Setup Instructions



Figure 5



Figure 6



Figure 7

When you see the APP enter interface Figure 5, you can start using APP to control your ROBOT. Tap the device to enter the main interface of APP (Figure 5), from this interface you can choose different cleaning modes, also to check the cleaning process/status. Tap the “more” Key (Figure 6) to enter the multi-functional panel (Figure 7).

4

5

On the device management page, click the button "  " (Figure 8), in the upper right corner of the device to enter the settings page (Figure 9).



Figure 8



Figure 9

To perfect the product, we keep the right of updating the APP and the software. The final interface is subject to the actual product, thank you.

2. Important Safety Instructions

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.
PLEASE KEEP THE INSTRUCTION MANUAL

When using our product, basic precautions should always be followed, including the following:

Safety Considerations of Main Body and Accessories

Warning

01. Do not disassemble, repair or refit the product without authorization; otherwise it may damage the product or pose a hazard.
02. Do not use the product in an environment with risk of fire or explosion.
03. This product can only use the original power adapter; otherwise the product may be damaged or catch on fire.
04. Do not stand or sit on this product; doing so could damage the product or cause it to fall over.
05. When the metal part of the power plug is dusty, please wipe it with a dry cloth.
06. The power adapter is applied to a 100-240V AC voltage. Please plug into the socket properly and keep away from children.
07. Do not wash or soak the main body and electronic accessories in water; otherwise the product may be damaged by a short circuit.
08. Do not damage, load weight on, heat, pull, or bend it.
09. During cleaning, please pay attention to the safety of toddlers and elders at home to avoid tripping, and please do not touch the wheel and side brush to avoid injury. (Please pay special attention to toddlers).
10. This product is for home use. Please do not use it outdoors.
11. Do not allow metal and conductive materials to come in contact with the battery; doing so may cause a short circuit.

Attention

01. Do not touch the product with wet hands; do so may cause an electric shock.
02. Please do not place the product in places where it could easily fall, such as tables, chairs, high platforms in room, etc.
03. The product has a sophisticated design and should be protected from long-term exposure to sunlight.
04. Please do not use the product in humid environments, such as bathrooms.

2. Important Safety Instructions

05. Please do not place the product near cigarette butts, lighters or other open fires.
06. Please clean the product after charging.
07. Please turn off the power switch on the side of the robot when the product is out of service for a long time.
08. Please check carefully to see if the power adapter is connected to the socket prior to use, to avoid damage to the robot.
09. Before using the product, please remove all vulnerable items on the floor, such as glass, lamps, and items such as wires and curtains that may entangle with the side brush and suction passages.
10. When the dust box is full, please empty the garbage before using again.
11. Please do not use the robot to clean construction waste.
12. Before the product is scrapped, please remove the battery from the robot. When you remove the battery, please ensure that the product is not connected to a power supply. Please recycle the battery safely for environmental protection.

Safety Considerations for Rechargeable Battery

⚠ Danger

01. Always use a dedicated battery adapter to avoid leakage, heating or rupture.
02. Do not short-circuit the battery or remove the battery; doing so may cause leakage, heating or rupture.
03. Do not transport or preserve with necklaces, hairpins and other metal objects; doing so may lead to short circuit, resulting in leakage, heating or rupture.
04. Do not burn or heat the battery; doing so may cause leakage, or rupture.

⚠ Attention

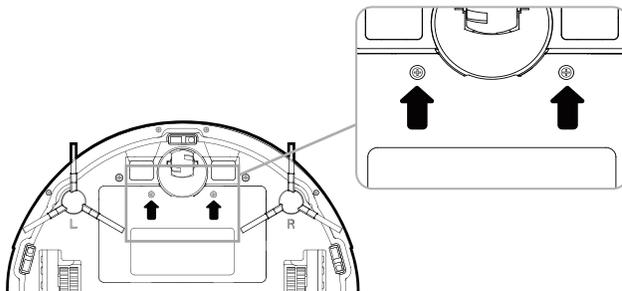
01. If abnormal overheating is discovered during charging, stop using it immediately to avoid leakage, heating or rupture.
02. To prolong the service life of the battery, please remove the battery and place it in a cool, dry environment if it is out of service for a long time; this will avoid leakage, heating or rupture.
03. Do not soak it in water or let it come into contact with any liquid; otherwise it may cause leakage, heating or rupture.

2. Important Safety Instructions

- 04. Be sure to stop using it immediately in case of any exception (e.g. discoloration or deformation), to avoid leakage, heating or rupture.
- 05. Always use tape to insulate the battery's electrode when recycling or disposing of it.

⚠ Warning

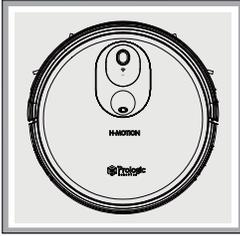
- 01. When skin or clothing is exposed to the battery electrolyte, immediately wash with clean water to avoid inflammation of skin, etc.
- 02. Do not use the rechargeable battery on other devices. This battery is only suitable for smart sweeping robots.
- 03. If the battery's outer box is found to be deformed and expanded, or leakage of electrolytes is found, do not charge or continue to use to avoid danger.
- 04. Do not throw or inflict a strong impact on the battery; doing so may cause leakage, heating or rupture.
- 05. Do not disassemble the battery pack; do so may cause battery rupture and electrolyte outflow, leading to fire, explosion and other dangers.
- 06. How to remove the battery:



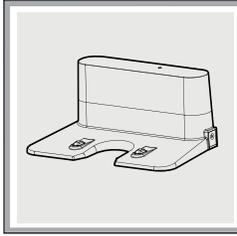
- ① Take out two screws on the battery cover with a screw driver.
- ② Take out the battery cover.
- ③ Take out the battery and unplug the electric wires to remove the battery.

3. Product Components

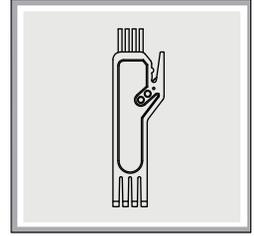
3.1 Name of Parts



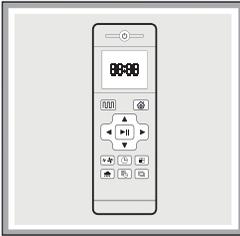
H510



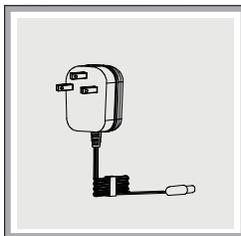
Charging Dock



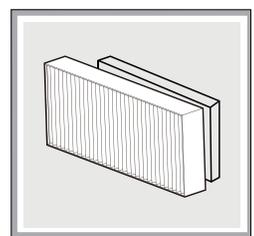
Cleaning Tool



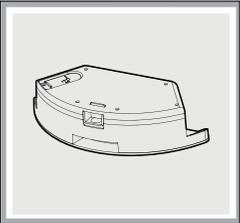
Remote controller



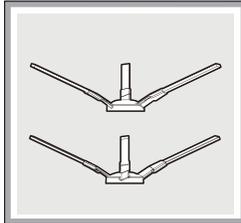
Adapter



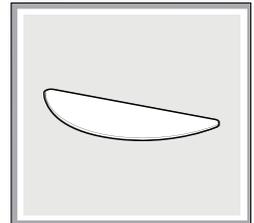
High-efficient Filter



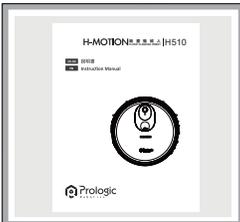
Water Tank Component



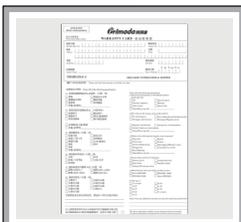
Side Brush



Mop



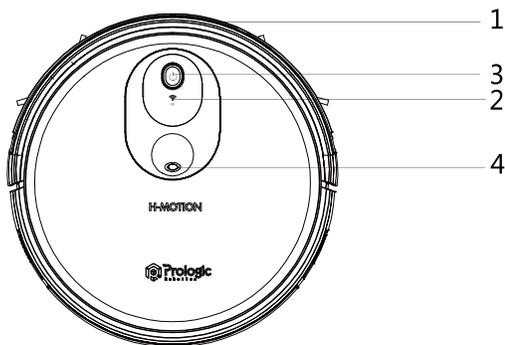
Warranty



Instruction Manual

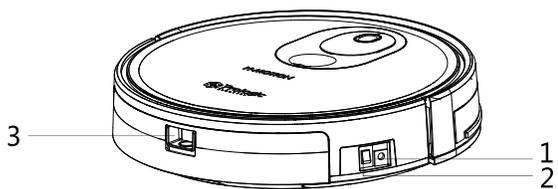
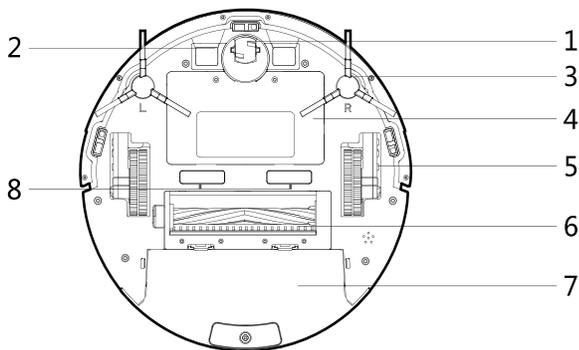
3. Product Components

Main Unit



- 1. Bumper
- 2. Wi-Fi Indicator
- 3. Control Button
- 4. Camera

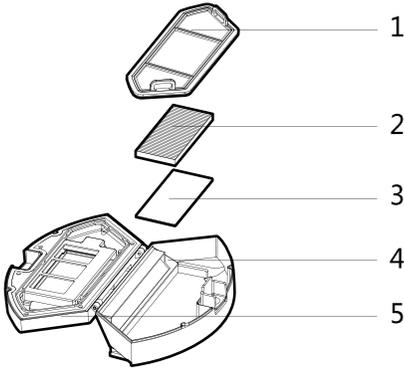
- 1. Universal wheel
- 2. Electrode slice
- 3. Side brush
- 4. Battery cover
- 5. Side wheel
- 6. Rolling brush components
- 7. Dust box
- 8. The UV lamp



- 1. DC power jack
- 2. Power switch
- 3. Dust box release button

3. Product Components

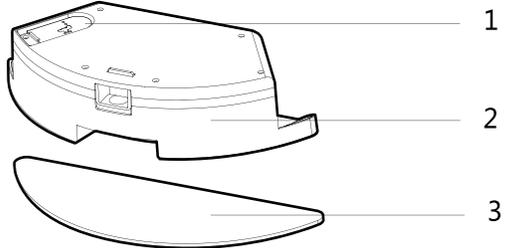
Dust Box



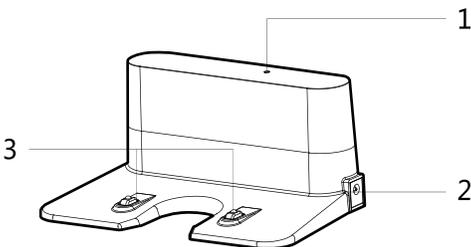
- 1.Per-filter
- 2.High-efficient filter
- 3.Filter sponge
- 4.Dust box
- 5.Dust box cover

Water Tank

- 1.Tank sealing cap
- 2.Water tank
- 3.Mop



Charging Base



- 1.Charging indicator
- 2.DC power jack
- 3.Charging terminal

3. Product Components

3.2 Product Specifications

Classification	Item	Detail
Mechanical Specifications	Diameter	330mm
	Height	81mm
	Weight	2.8Kg
Electrical Specifications	Voltage	14.4V
	Power Rating	22W
	Battery Capacity	2600mAh
	Charger Rated Input Voltage	100-240V 50/60Hz
	Charger Rated Output Voltage	19V
	Charger Rated Output Current	0.6A
Functional Specifications	Charging Type	Auto Charging/ Manual Charging
	Charging Time	About 240~360 minutes
	Cleaning Time	≤120 minutes
Accessory Specifications	Dust Box Capacity	600mL
	Water Tank Capacity	350mL
Button Type of Main Body		LED Button

3. Product Components

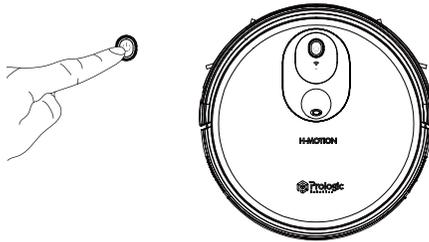
3.3 Product Characteristics

3.3.1 Multiple smart cleaning modes

4 cleaning modes are designed to suit different needs, which can be switched by the remote controller and App, greatly improve the cleaning efficiency and save 30% of the power.

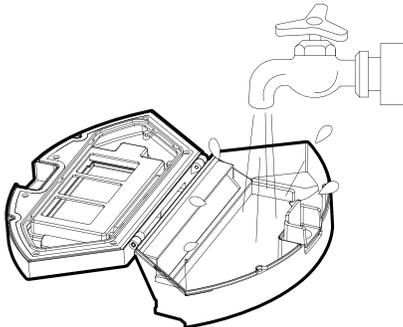
3.3.2 Humanized design

It is simple to operate, press the control button to start cleaning. Follow the voice prompt and let the robot start working for you.



3.3.3 Dust box can be washed with water

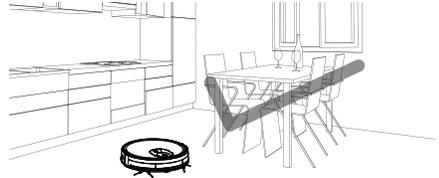
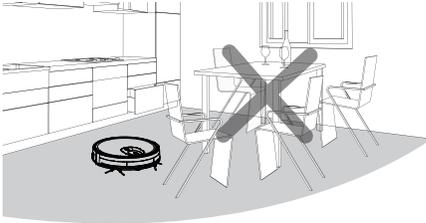
The dust box and the pre-filter can be directly flushed with water without too much labor, which can avoid secondary pollution caused by dust fly!.



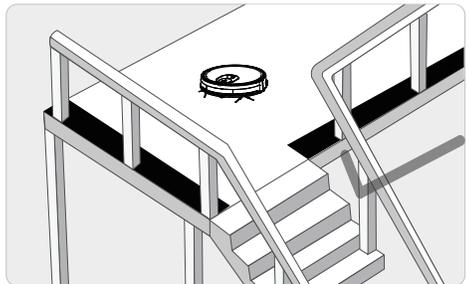
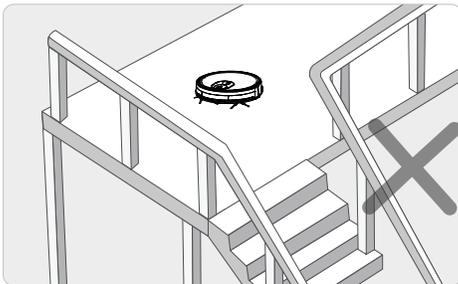
4. Instructions for Use

4.1 Attention

When it is working, please help to remove the unfriendly obstacles. Put the furniture and home appliances such as tables and chairs in the house neatly, the robot will clean up smoothly to give you a clean new home.



If the robot works at the stairway, the edge of the step, or the entrance to the narrow area among the furnitures, etc, please place a fence to ensure it is safe and running smoothly.

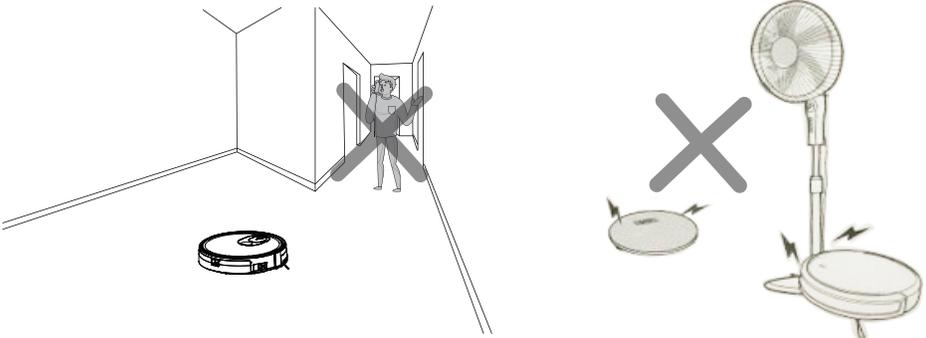


4. Instructions for Use

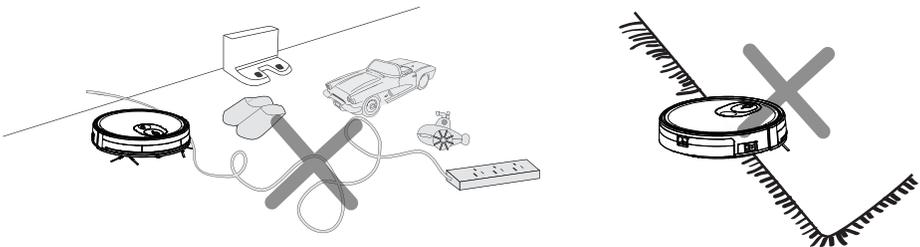
4.1 Attention

Please do not stand in narrow places such as thresholds and aisles to avoid missing sweeping .

When the robot is working, please ensure that the object with the thickness less than 1.8 cm is not placed in the cleaning area to prevent the machine from climbing and jamming.



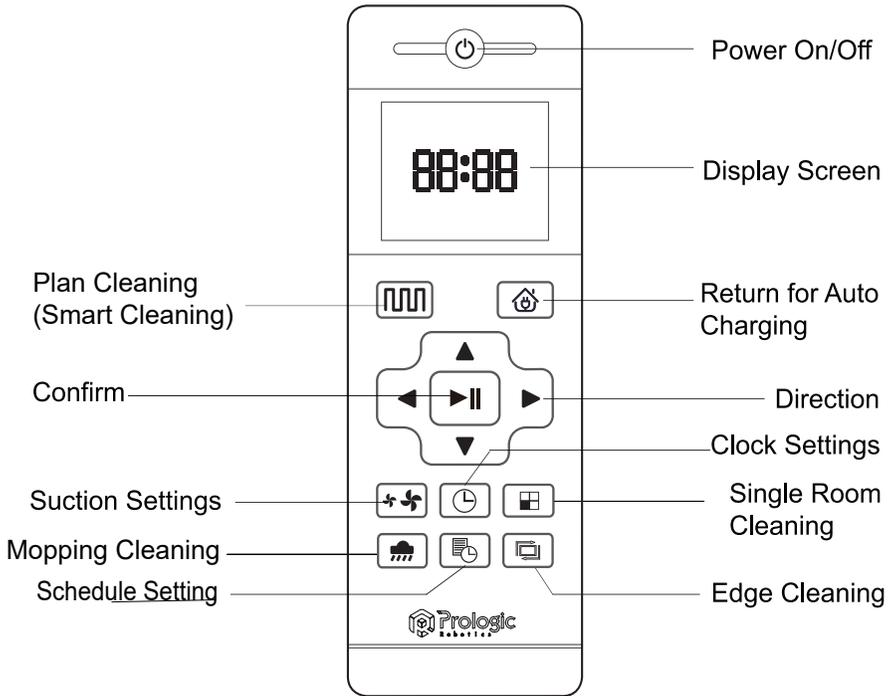
Please pay attention to remove sundry, such as the power cords, toys, etc, which are scattered on the ground may catch or entangle the Robot. Do not use the mopping function on the carpet! If there is a carpet in the house, please roll up the edge of the carpet in advance.



4. Instructions for Use

4.2 Remote Controller Instruction

When the robot is in the vicinity of the charging base and the virtual protection wall, it may not be able to distinguish the instructions issued by the remote controller. If you do not use the remote controller for a long time, please remove the batteries



4. Instructions for Use

Plan Cleaning button

No matter what mode the robot is in, this button will bring it to the plan cleaning mode.

Return for Auto Charging

Pressing this button to shift the mode as recharging, and the logo will be displayed on the screen of the remote controller.

Forward /+

At the standby mode, press this button to continue moving forwards, and release it to return to standby mode. At the Schedule setting mode, press this button to increase the number.

Backward /-

At the standby mode, press this button to continue moving backwards, and release it to return to standby mode. At the Schedule setting mode, press this button to decrease the number.

Left Arrow

At the standby mode, press this button to continue turning left, and release it to return to standby mode. At the Schedule setting mode, press this button to switch from minute to hour.

Right Arrow

At the standby mode, press this button to continue turning right, and release it to return to standby mode. At the Schedule setting mode, press this button to switch from hour to minute.

Confirm button

During operation, press this button to stop the robot, and it is still working at the pause. In the Schedule setting mode or Clock setting mode, this button can save all settings.

Suction Setting button

At any cleaning mode, press this button to adjust the suction power. There are Normal suction and Powerful Suction for your option.

Clock Setting button

Press this button to enter the Clock Setting mode and press the Confirm button to exit.

Single Room Cleaning button

Close the door of the single room, press this button to enter the Plan Cleaning mode with powerful suction.

Mopping Setting button

Press this button to mop the floor.

Schedule Setting button

At the standby mode, press this button to enter the Schedule Setting mode, and the display flashes icon . At the Schedule Setting mode, press this button to save the data and exit the Schedule Setting mode, and the display will always display the icon . At the Schedule setting mode, press this button for 3S to cancel the Schedule Setting function, and the displayed icon  will disappear.

Edge Cleaning button

Press this button to enter the Edge Cleaning mode.



Display preset time



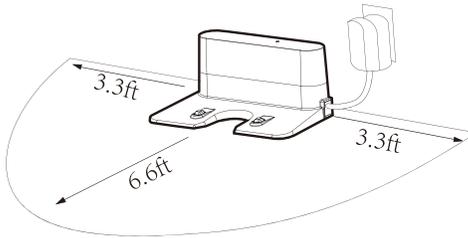
Display clock time

4. Instructions for Use

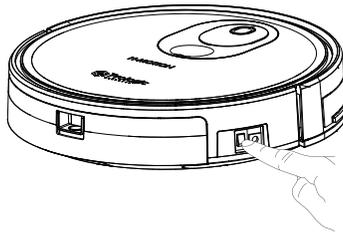
4.3 Operating Instruction

4.3.1 Placement of the Charging Base

Place the charging base against the wall. Do not place any objects within 3.3 ft to the left / right and 6.6 ft to the front, and do not place any mirror or other reflective objects within this distance.

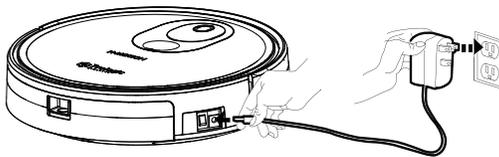


Switch on the robot, which makes the Control button green, and enter the Selected mode. If the robot is not activated within 10 minutes, the robot will enter Sleep mode.



4.2.2 Charging Modes

Please keep the power switch turned on before charging the machine.



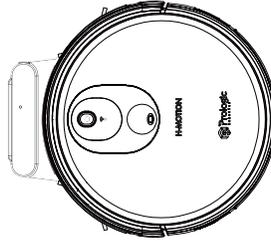
Charge mode A:

Fix the charging pin into the DC power jack of the robot and plug in the power supply.

4. Instructions for Use

4.3.2 Charging Modes

Please keep the power switch turned on before charging the machine.



Charge mode B:

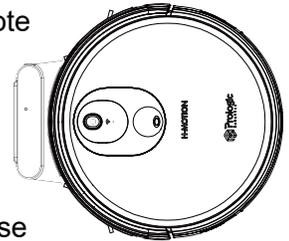
Press Return for Auto charging button on the remote controller or Press Recharge icon on App to auto dock the Robot with the charging base.

4.3.3 Automatic Charging

Pressing the Return for Auto Charging on the remote controller to make the robot return for charging.

When Cleaning is completed or the battery is too low, the robot will automatically start finding the charging base to charge itself.

Please keep the charging base energized, otherwise the machine will not be able to find the charging base.



Charging Instructions

01. The battery should be repaired and replaced by the after-sales service center.
02. For the very first operation, please let the robot run out of power.
03. When the robot is charged, the Control button will flash a green lamp in a circular manner.
04. If the robot is out of service for a long time, please turn off the power switch.
05. Please charge the robot as soon as possible after the battery is used up.
06. The product can only use the power adapter and charger provided by the factory.
07. Please charge the robot for 12 hours for the first time of operation. When the charge is done, the Control button light turns off.

4. Instructions for Use

4.3.4 Switching Modes



Startup

01. Make sure the power switch on the side of the robot is turned on.
02. Press the Control button or the Cleaning mode on the remote controller to start the robot.

Pause

The pause function is to switch the robot from the operating mode to the selected mode, and the robot can be paused by the following operations:

01. Press the Control button on the robot to pause the robot.
02. Press the power on/off button on the remote controller to pause the robot.

Notice: After the machine is paused, the machine can be reoperated.

Sleep

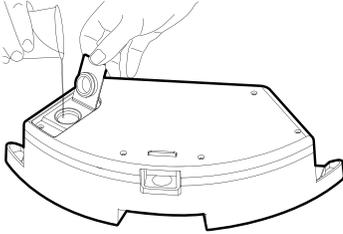
Sleep mode means that the robot is stopped and the indicator light is off. If the robot is not active within 10 minutes, it will enter Sleep mode automatically.

Note: If the robot is out of service for a long time, please turn off the power switch.

4. Instructions for Use

4.3.5 Use of Water Tank

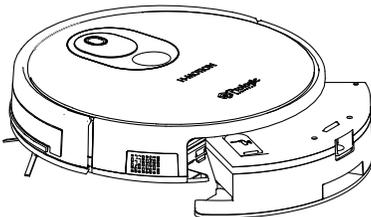
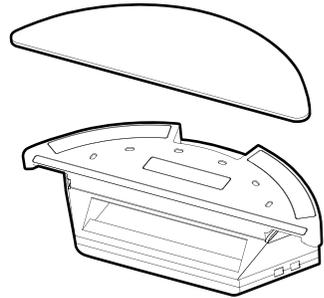
When charging, please remove the water tank to avoid danger.



How to add water?
Open the tank sealing cap, fill it with enough water and slowly inject water into the water tank.

How to fix the microfiber mop?

Seal the tank sealing cap, then fix the microfiber mop to the velcro on the bottom of the water tank.

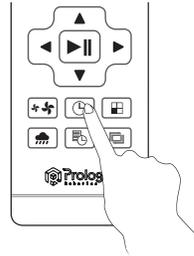


How to install the water tank?
Press the release button on the dust box to remove it then install the water tank.

4. Instructions for Use

4.3.6 Schedule Setting Cleaning

You can set the current local time on your robot by pressing the Clock Setting button on the remote controller, then press Confirm button.

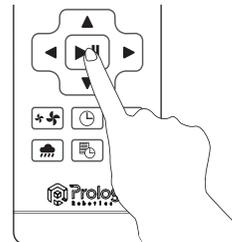


Press the "Schedule Setting" button to set the scheduled cleaning time for the robot. (e.g. Setting 6:30am to the robot, the robot will start cleaning at 6:30am every day at the standby mode.)



- ☆ Once the power switch is turned off, all Schedule will be cancelled.
- ☆ Once the schedule setting is succeeded, the robot will start working at the scheduled time everyday.

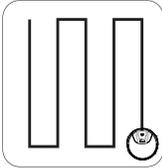
1. Press the Schedule Setting button to enter the Schedule Setting mode and set the schedule on the remote controller or APP.
2. If you need cancel the schedule, just press the Schedule Setting button for 3 seconds.



- ☆ At the Schedule Setting mode, follow the voice prompts to confirm all your operations.

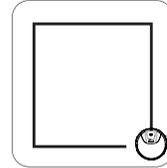
4. Instructions for Use

4.3.7 Cleaning Modes



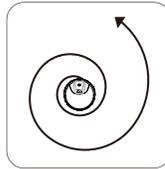
Plan Cleaning (S shape Cleaning)

The robot will perform the smart plan cleaning in S shape according to the room environment.



Edge Cleaning

The robot will clean along the longest edge of the room.



Spot cleaning

The robot will perform the concentrated cleaning on a special dirty area.
(APP controlled only)

Mopping Mode

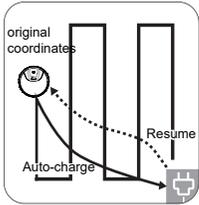
The Robot will perform the S shape cleaning with mop according to the room environment.

☆Please do not move or remote control the robot while it is working, or it will replan the cleaning route and repeat cleaning.

☆There is a normal phenomenon that the robot will perform with a brief pause during working. Please be patient,as it is thinking and making decisions or discovering where to clean.

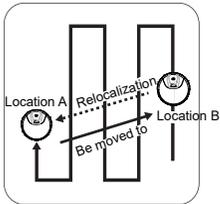
4. Instructions for Use

4.3.7 Cleaning Modes



Auto-charge and Resume

The robot will automatically dock the charging base to charge itself once the battery is too low. Navigation with Visual Localization helps the robot remember its location and the planned route after full charging. It resumes cleaning with the original coordinates generated by the Visual navigation system.



Relocalization

After the robot cleaned for a few rounds in an environment (at least one round), the vision module establishes the current 3D image of the environment. At this time, pause the robot at the Location A then move it to the Location B, and press the Control button to restart the robot.

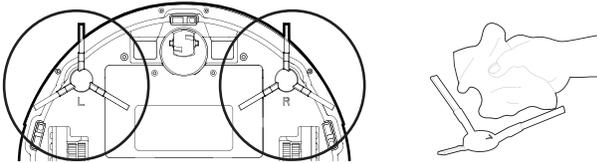
Now relocalization is launched, the VSLAM algorithm work out the exact Location A based on the existing map. The user can also see the changes of the location after being moved on the APP.

The robot voice prompts “localizing”, and the robot starts to visual navigate. If it succeeds, the robot voice prompts “Localizing is succeeded, resume plan cleaning”, the robot will navigate to the Location A and resume cleaning. If it fails, the robot voice prompts “Move into a new area, restart plan cleaning”, all previous works will be cleared and restart.

5. Product Maintenance

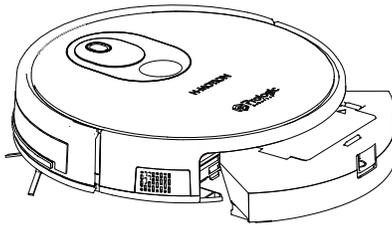
5.1 Side Brush Cleaning and Replacement

Check the side brush's condition frequently to see if it has been damaged or entangled with other objects. Clean the side brush with a cleaning tool or cloth. When the side brush is damaged and can not be used, please replace it as soon as possible. L and R correspond to each other.

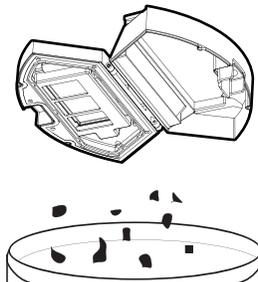


5.2 Cleaning of Dust Box and Filter

1. Press the release button to take out the dust box.



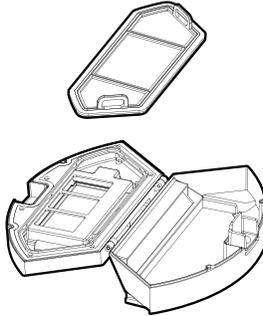
2. Dump all debris form the dust box into the garbage.



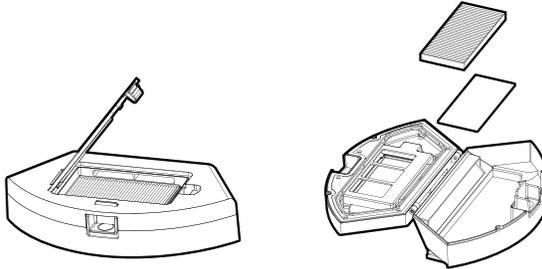
5. Product Maintenance

5.2 Cleaning of Dust Box and Filter

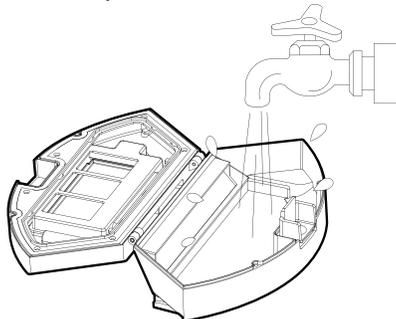
3. Remove the pre-filter.



4. Open the high-efficient filter cover, and remove the high-efficient filter and filter sponge. It is not recommended to wash the high-efficient filter with water. Please pat the filter gently to remove dust.



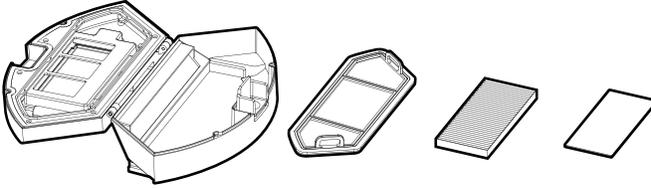
5. Wash the dust box and pre-filter.



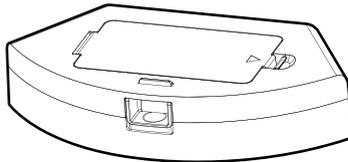
5. Product Maintenance

5.2 Cleaning of Dust Box and Filter

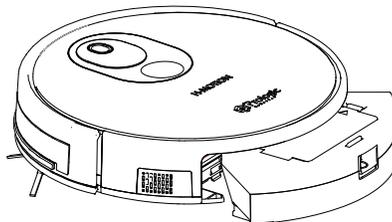
6. Dry, the dust box and filter components. Keep them dry to ensure a longer service. After the pre-filter is used for 15~30 days, it should be washed once. The maximum service life of the high-efficient filter is 3 months.



7. Reinstall the pre-filter and high-efficient filter in the dust box. Before installing the filter, make sure that the high-efficient filter and the pre-filter are dry. Do not expose the high-efficient filter and the pre-filter to sunlight.



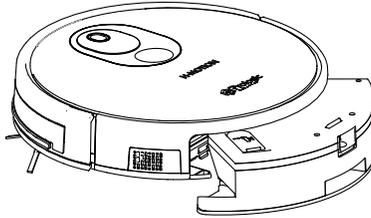
8. Cover the dust box and fix it into the main body.



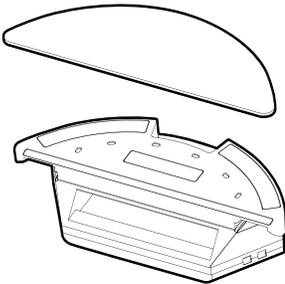
5. Product Maintenance

5.3 Maintenance of Water Tank

1. Press the release button to take out the water tank.



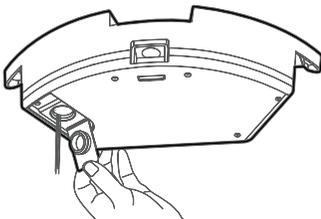
2. Remove the mop.



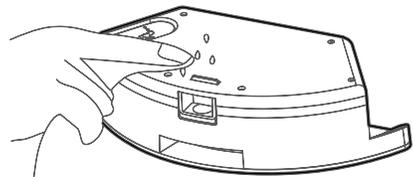
3. Wash and dry the mop.



4. Pour out the rest of water from the water tank.



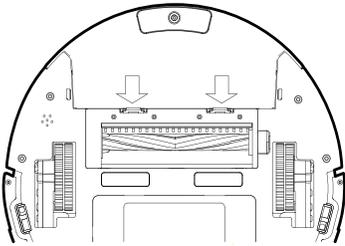
5. Clean the tank and dry it.



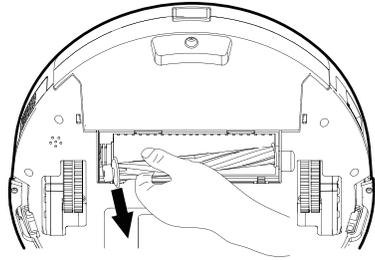
5. Product Maintenance

5.4 Maintenance of Rolling Brush

1. Open the rolling brush components.

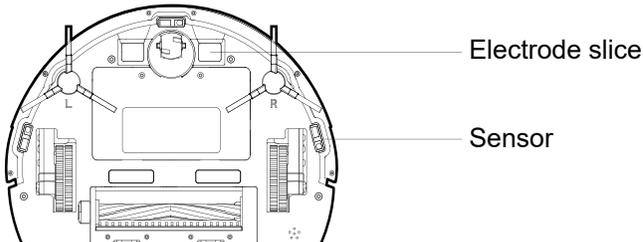


2. Remove the rolling brush and clean off all debris and hair.

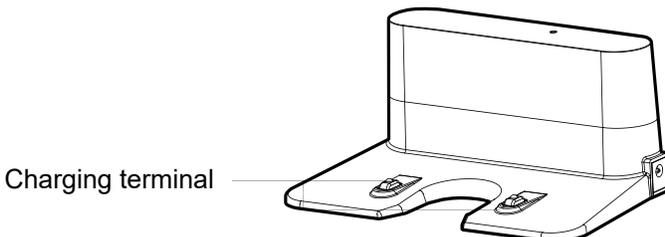


5.5 Maintenance of Other Components

1. Use the cleaning tools or a dry soft cloth to periodically clean the electrode slice of robot chassis and the sensor window.



2. Use a cleaning tool or soft cloth to clean the charging terminal.



6. Troubleshooting

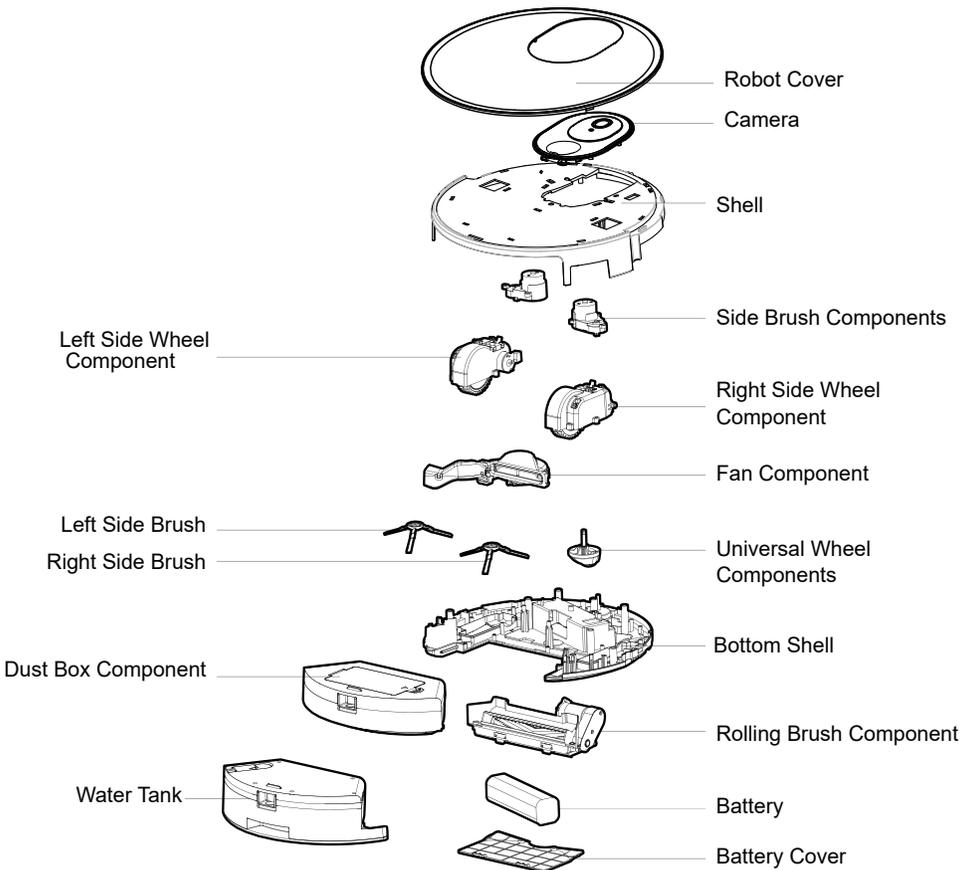
6.1 Faults Description

Faults	Possible Reasons	Solutions
The robot can not be charged.	The electrodes between the main body and the charging base are not contacted properly.	Make sure that the electrodes between the main body and the charging base are properly contacted.
	The charging base is switched off while the robot is switched on, which leads to the loss of power.	Keep charging the robot when it is not working to better prepare for next cleaning assignment.
The robot is stuck during work.	The robot may be stuck by wires/cables on the ground, hanging curtains or obstacles around the carpets.	The robot will try to get itself out automatically. However, please help it manually if it failed.
The robot goes back to recharge without finishing the cleaning work.	The robot detects that the power may be not enough and automatically goes back to recharge.	Charge the robot.
	The robot works at different speeds on different floor types. For example, it works longer on the wood floors than on carpets.	The length of working time varies because of the complexities of room environments, the amount of garbage and different cleaning modes.
The robot does not perform cleaning work automatically as scheduled	The robot is not switched on and the robot can not perform cleaning work as scheduled when it is powered off.	Turn on the robot.
	The power level of the robot is too low to work.	Keep charging the robot when it is not working to better prepare for next cleaning assignment.
	The robot is stuck or twined by obstacles.	Turn off the robot and clean the dust box. Then turn over the robot to clean its components, such as wheels and side brushes.
Remote control malfunctions (effective range is 5 m)	The remote controller is short of or out of power.	Change the batteries and install the batteries correctly.
	The robot is short of or out of power.	Make sure that the robot is switched on with enough power for operation.
	The infrared ray is blocked because the infrared emitter on the remote controller or the infrared receiver in the robot is contaminated.	Wipe the infrared emitter on the remote controller or the infrared receiver on the robot with a clean cotton cloth.
	Interference emitted by other devices that exist nearby.	Avoid using the remote controller near other infrared devices.
When the robot is working, there is a missed sweep, the route is chaotic, the deviation is reversed, and the APP side cleaning map shows irregularities and is not neat.	The drive wheel and the ground may slip due to the robot climbing small steps, thresholds and door bars, thus affecting the its judgment on the working environment of the whole house.	It is recommended to close the door in the area and clean the area separately. The robot has the function of self-identification single room. It will return to the starting point after cleaning. Please feel free to use it.
	Work on a waxed, polished floor or smooth floortile, resulting in reduced friction between the drive wheel and the ground.	It is recommended that you clean the floor after the wax is air-dried.
	The wires, slippers, etc. placed on the ground affect the normal operation of the robot.	Before the machine is working, please arrange the scattered wires, slippers and other objects on the ground to minimize the scattered objects on the ground.

6. Troubleshooting

6.2 Replaceable Modules

The product is suitable for cleaning house, hotel rooms, and small offices and provides good cleaning for various floors, such as wooden floor, hard floor, tile floor, and short-pile carpets (short-pile should be shorter than 1.5cm), etc.





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