

**Schbot**<sup>TM</sup>  
R O B O T I C S

**F1**

**EN**



**Schbot F1**

**USER MANUAL**

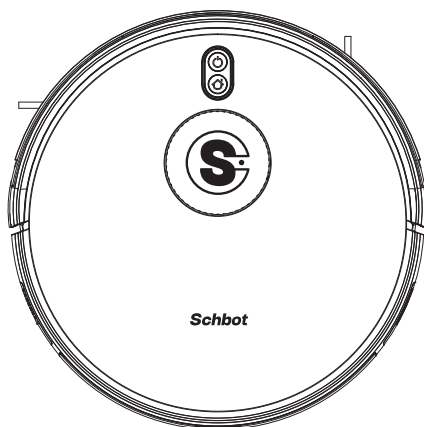
**ROBOT VACUUM CLEANER**

Thanks for purchasing ROBOT VACUUM CLEANER:  
**Schbot F1**

We hope F1 will bring you a smarter and more convenient lifestyle.

If you encounter any problem not mentioned here in, please contact [sales@schbot.com](mailto:sales@schbot.com)

For more details, please visit our official website:  
**[www.schbot.com](http://www.schbot.com)**



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

# Table of Contents

## 2     **Safety Instructions**

### **To know F1**

- 5     Features of F1
- 6     Specification
- 7     What's in the package F1
- 8     Components
- 11   Remote Control
- 14   F1 Working Mode

### **To use F1**

- 16   Notice before use
- 18   Start/Stop/Pause/Sleeping
- 19   Charging your F1
- 21   Wi-Fi Setup
- 22   APP Connecting
- 25   How to Set the Clock/Sechedule
- 27   How to use Water Tank

### **Cleaning and Maintenance**

- 28   Clean the Side Brushes
- 28   Clean the Dust box
- 30   Clean the Water Tank
- 31   Clean the Rolling Brush
- 31   Clean other Parts
- 32   Cleaning / Replacement Frequency Recommended

## 33   **Troubleshooting**

## 35   **F1 Anatomy**

## 36   **Name and Content of Hazardous Substances**

## 37   **Recycling of F1**

## Safety Instructions

Please read all instructions carefully, and keep it at hand for setting up, using and maintaining F1. Any operation that against the following instructions may damage **F1** or cause injury.

### Notes for Main Unit and Components

#### **Warning**

1. Do not disassemble, repair or refit F1 without authorization; otherwise it may damage F1 or pose a hazard.
2. Do not use the product in an environment with risk of fire or explosion.
3. Only the original power adapter can be used for F1; otherwise F1 may be damaged or catch on fire.
4. Do not stand or sit on F1; doing so could damage F1 or cause it to fall over.
5. When the metal part of the power plug is dusty, please wipe it with a dry cloth.
6. The power adapter is applied to a 100-240V AC voltage. Please plug into the socket properly and keep away from children.
7. Do not wash or soak the main body and electronic accessories in water; otherwise F1 may be damaged by a short circuit.
8. Do not damage, load weight on, heat, pull, or bend F1.
9. During cleaning, please pay attention to the safety of toddlers and elders at home 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 contact the battery; doing so may cause a short circuit.
12. Do not allow to be used as toy. Close attention is necessary when used by or near children.

#### **Attentions**

1. Do not touch F1 with wet hands; doing so may cause an electric shock.
2. Please do not place F1 in places where it could easily fall, such as tables, chairs, high platforms in room, etc.
3. The product has a sophisticated design and should be protected from long-term exposure to sunlight.
4. Please do not use F1 in humid environments, such as bath-rooms.
5. Please do not place F1 near cigarette butts, lighters or other open fires.
6. Please clean F1 after charging finished.
7. Please turn off the power switch on the side of F1 when F1 is out of service for a long time.
8. Please check carefully to see if the power adapter is connected to the socket prior to use, to avoid damage to the robot.

9. Before using F1, 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 it in time.

11. Please do not use F1 to clean the construction waste.

12. The operating temperature of the product ranges from 0°C-40°C; please do not use it in a high temperature environment.

13. Be aware that F1 just moves around on its own, please take care when walking in the area where F1 is cleaning.

14. Before F1 is scrapped, please remove the battery from the robot. When you remove the battery, please ensure that F1 is not connected to a power supply. Please recycle the battery safely for environmental protection.

### Notes for Battery

#### **Danger**

01. Always use a dedicated battery adapter to avoid leakage, heating or explosion.

02. Do not short-circuit the battery or remove the battery; doing so may cause leakage, heating or explosion.

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 explosion.

04. Do not burn or heat the battery; doing so may cause leakage, heating or explosion.

#### **Attention**

01. If abnormal overheating is discovered during charging, stop using it immediately to avoid leakage, heating or explosion.

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 explosion.

03. Do not soak in water or let it come into contact with any liquid; otherwise it may cause leakage, heating and explosion.

04. Be sure to stop using it immediately in case of any exception (e.g. discoloration or deformation), to avoid leakage, heating and explosion.

05. Always use tape to insulate the battery's electrode when recycling or disposing of it.

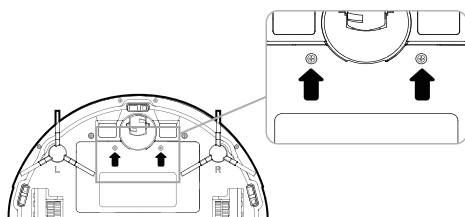
06. If the battery leaks, wipe it clean with a dry cloth, recycle it in time, or discard it.

07. Put the recycled batteries in the recycling bins set up by the community, hotels, schools, large shopping malls, supermarkets, etc or the hazardous trash can be collected by professional recycling agencies. Discarded batteries must be removed and discarded in accordance with local laws and regulations.

### **⚠ Warning**

1. When skin or clothing is exposed to the battery electrolyte, immediately wash with clean water to avoid inflammation of skin, etc.
2. Do not use the rechargeable battery on other devices. This battery is only suitable for F1.
3. 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.
4. Do not throw or inflict a strong impact on the battery; doing so may cause leakage, heating and explosion.
5. Do not disassemble the battery pack; doing so may cause battery explosion and electrolyte outflow, leading to fire, explosion and other dangers.

### **How to remove the battery**



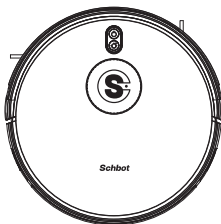
01. The battery must be removed from F1 before F1 is scrapped, and the battery must be put into the designated places or institutions according to the local regulations.
02. Before removing the battery, please turn the main power switch off.
03. Take out two screws on the battery cover with a screw driver.
04. Take out the battery cover.
05. Take out the battery and unplug the electric wires to remove the battery.

## To know F1

### Features of F1

#### Laser & Gyroscope Navigation

F1 works under the navigation of Laser localization. It can greatly lower the rates of repeat cleaning or missing cleaning, enhance the cleaning coverage & efficiency.



#### Visualable Working Map

Users can see how F1 plan the cleaning path via APP, and get to know the cleaned areas or to be cleaned areas. It makes the cleaning work more intuitive and clearer.

#### OTA(Over-the Air) Updates

The software of F1 can be updated via OTA technology which shows in the SETTING of APP. Users can get the latest software version easily.

#### Washable Dust Box

The pre-filter and the dust box are washable with cleaning water directly(Please do not wash the HEPA with water).

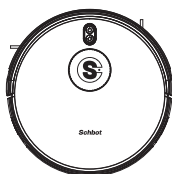
#### Multiple Opeartion Mode

F1 can be operated via APP, Remote control or Physical switch on the top button. F1 can be shared with your families or friends through APP.

#### Not-to-go Area Setting

Users can set Not-to-go area via APP to forbid F1 to clean specific areas that you don't want it to.

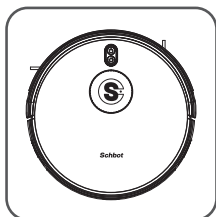
## Specifications



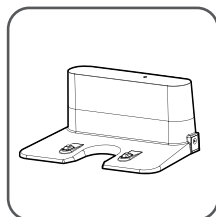
|                     |                                       |
|---------------------|---------------------------------------|
| Product Model       | Schbot F1                             |
| Size of Main Unit   | 330*98 mm                             |
| Net Weight          | 3.0KG                                 |
| Input               | 19V $\overline{\text{---}}$ 0.6A      |
| Rated Power         | 25W                                   |
| Battery Type        | Li-ion Battery                        |
| Battery Capacity    | 2600mAh / 2500mAh                     |
| Battery Voltage     | 14.8V / 14.4V                         |
| Dust Box Capacity   | 600 ml                                |
| Water Tank Capacity | 370 ml                                |
| Working Time        | 55-110 mins                           |
| Charging Time       | 240-360 mins                          |
| Control             | APP & Remote Control & Physical Press |

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

## What's in the package



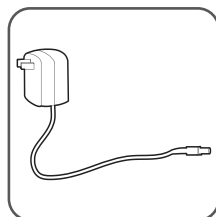
F1



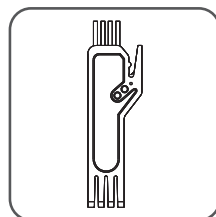
Charging Base



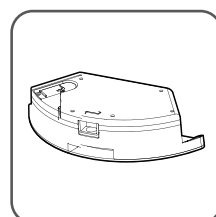
Remote Control



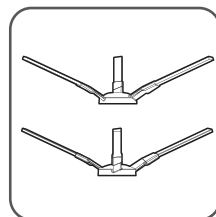
Power Adapter



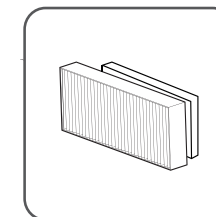
Cleaning Tool



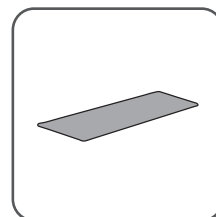
Water Tank



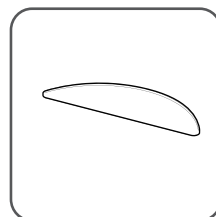
Side Brushes(x4)



Additional  
High-efficient Filter  
(HEPA)



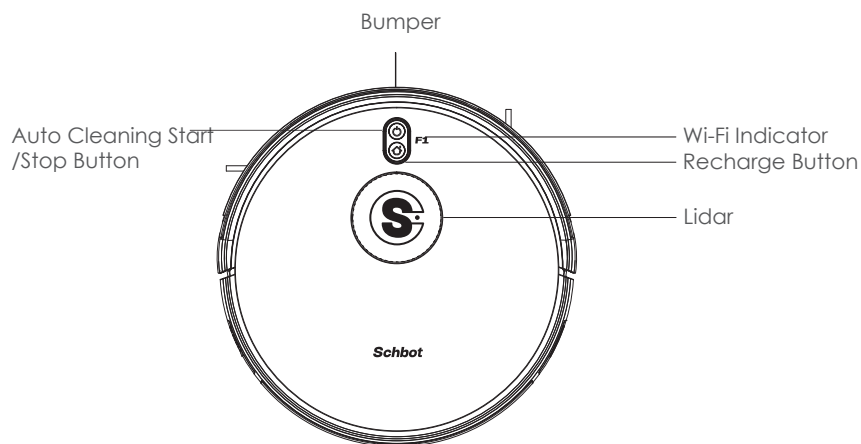
Additional  
Foam Filter



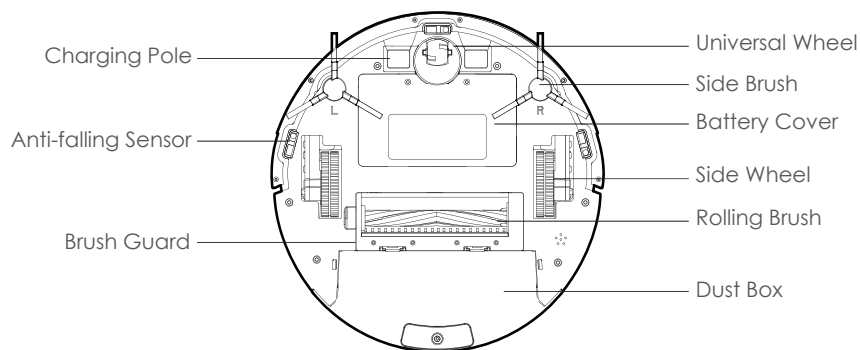
Mopping Cloth

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

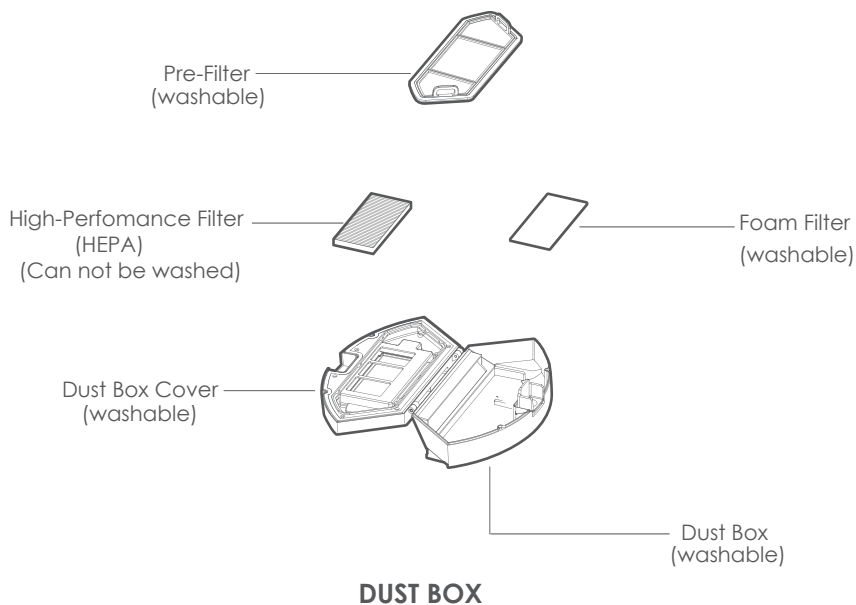
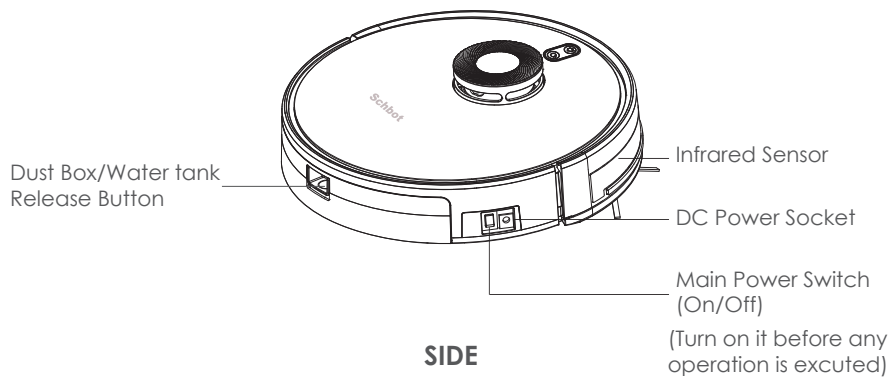
## F1 COMPONENTS

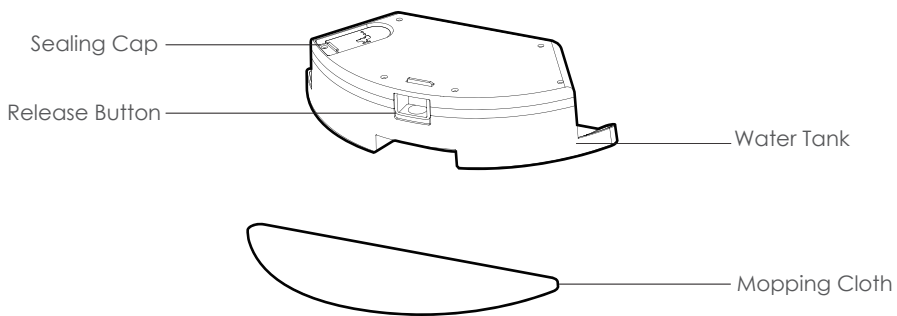


**TOP**

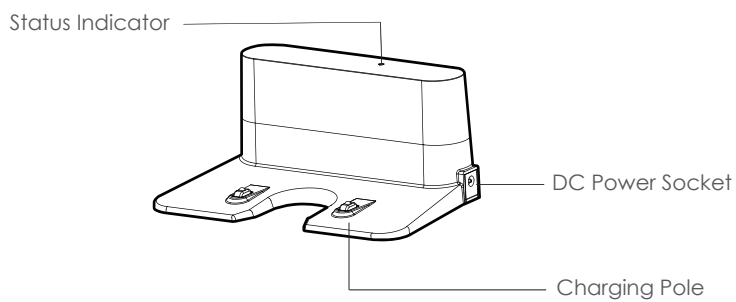


**BOTTOM**



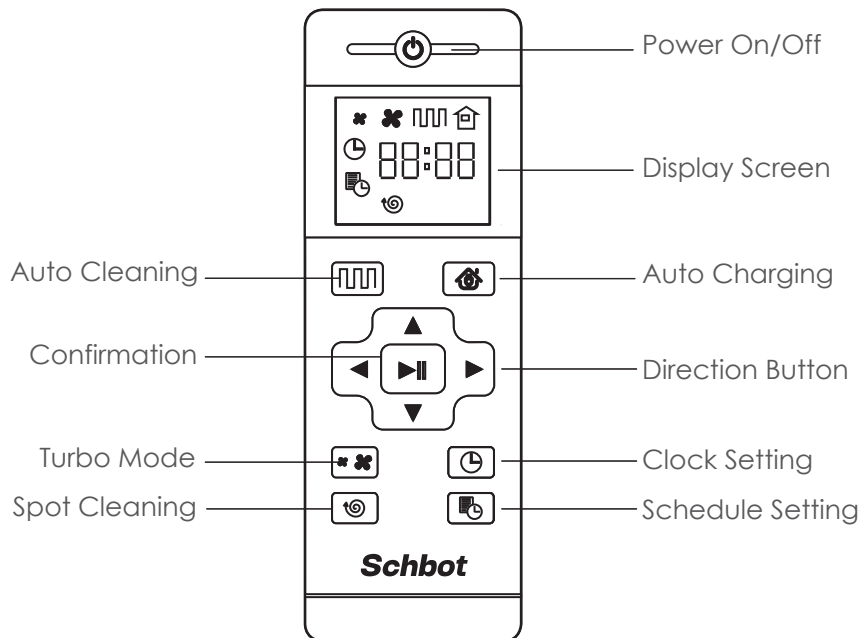


## WATER TANK



## CHARGING BASE/DOCK

## Remote Control



- Install 2xAAA batteries before using the remote control for the first time. Please remove the battery if users don't use the remote control for a long time.
- The commander from the remote control may not be able to be recognized by F1 if it is in the vicinity of the charging base or physical virtual wall.

 Power on/Off

Press this button to power the F1 On or Off.

 Auto Cleaning Button

Press this button to enter the Auto Cleaning mode.

 Auto Charging

Press this button to enter the Auto Charging mode, and the screen displays on remote control.

 Forward /+

Press this button to continue moving forwards in standby model, release it to return to standby mode. Press this button to increase the number at the Schedule setting mode,

 Back /-

Press this button, robot will rotate 180 degrees. Press this button to decrease the number in the Schedule setting mode,

 Left Arrow

Press this button to continue turning left when in standby mode, release it to return to standby mode. Press this button to set the hour in the Schedule setting mode.

 Right Arrow

Press this button to continue turning right when in standby mode, release it to return to standby mode. Press this button to set the minute at the Schedule setting mode.

 Confirmation/Pauze

It is for confirmation in Schedule or Clock setting mode. It is the Pause or Start button. It is also the button for waking up if F1 is powered off by the remote.

 Turbo Mode

Press this button to adjust the suction power in any working model.

There are Normal suction and Turbo Suction for your option. Users can also adjust the suction mode on APP.

 Clock Setting

Press this button to set the clock and the Confirmation button to exit.



### Schedule Setting

Press this button to set the schedule when in standby mode, the icon  will flash, and press this button or Confirmation button to save the data and exit, then the icon  will always display on the screen. Press this button for 3S to cancel the Schedule, and the icon will disappear.



### Spot Cleaning

Press this button to enter the Spot Cleaning mode.

## **F1 Working Mode**

### **Auto Cleaning**

The Laser of F1 will explore one part of the room first, then plan and clean the detected room in "Zigzag" path. After the detected area cleaning finished, F1 will explore other new areas for next plan until the whole room cleaning is finished. F1 can work under Auto cleaning mode through the Start/Stop button on F1, or the Auto cleaning button on the remote control, or the Start button on the App.

### **Turbo Mode**

Press the button in the Auto Cleaning mode to enter the Turbo mode. Users can also adjust the suction power via APP, there are three levels including: Silence, Standard and Strong suction.

### **Mopping Mode**

To enter the Mopping mode with water tank attached to the robot, F1 will work as the path in Auto Cleaning mode. There are three levels of water dripping speed: low, medium and high.

### **Not-to-go Area Setting**

To set the area which users' do not want F1 to enter by the APP, it is similar to the function of a virtual wall.

### **Spot Cleaning**

Press this button to enter Spot cleaning mode.

### **Position**

Press the Position button on the APP, F1 will say "I am here", it would be useful for finding F1 if it is stuck.

Notice:

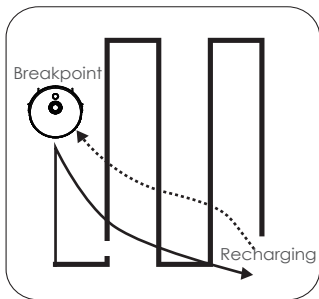
The main power switch of F1 should be kept on.

The remaining battery of F1 is more than 5%.

The voice of F1 is switched on.

### Resume from Breakpoint

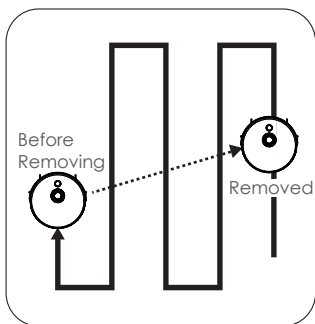
F1 will go to the charging base for recharging when the battery power is lower than 20%. After the charging status reaches 80%, F1 will go back to the breakpoint where it was stopped earlier to continue the cleaning.



### Reposition

F1 will set up a map of its path when cleaning. If users suspend F1 and move it to other areas, then press the Start/Stop button, F1 will reposition.

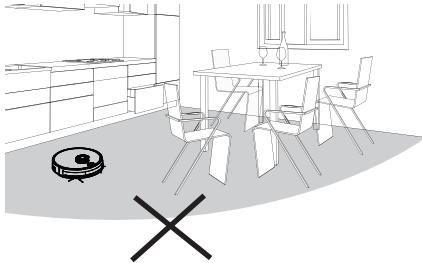
If the repositioning is successful, there will be a prompt voice from F1, then resume the cleaning and mapping. If failed, F1 will delete all the previous records and detect new area, then re-start cleaning.



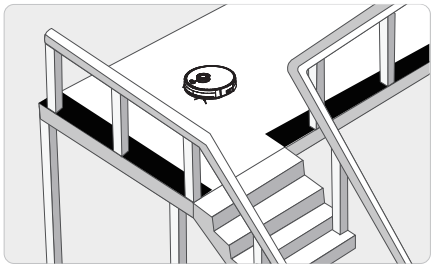
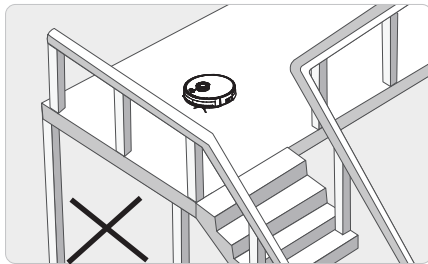
About the functions of F1, please subject to the actual products. In order to improve the product, we reserve the right to upgrade the APP or the products without prior notice or obligation.

## To use F1

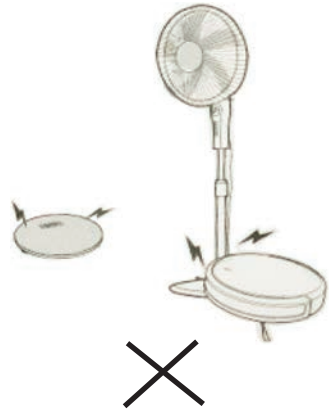
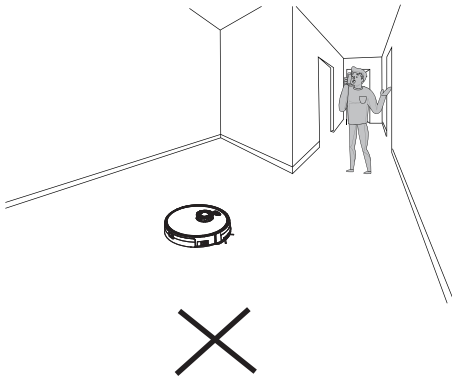
### Notice Before Use



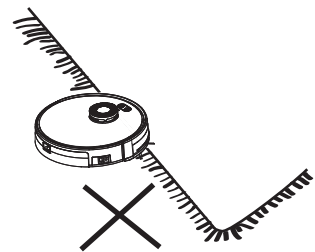
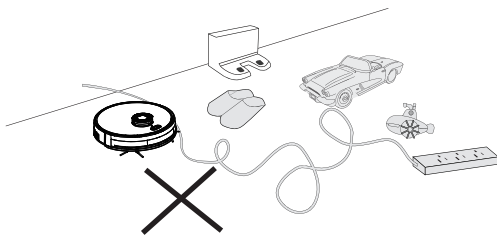
- Please make sure all furnitures are properly organized to prevent F1 from getting stuck.



- Please set the forbidden area or fences at the stairway or similar areas. Anti-falling sensors may work less effectively if it works on the dark-colored floors or it is dirty.



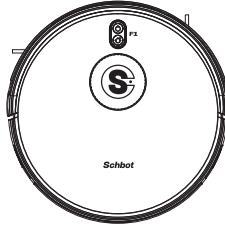
- Do not stand around at the narrow spaces, such as thresholds or aisles, or it will lower the coverage rate of cleaning.
- F1 may climb on top of objects less than 1.8cm/0.70in in height, please remove the similar objects if possible.



Please remove the power cords, wires, toys or shoes that may entangle F1 on the floor.

Do not clean the carpet with mopping function. Please roll up the carpet before cleaning, or set the not-to-go area to avoid from entering these areas.

## Start / Stop Cleaning



- Make sure the main power switch at the right side of F1 is turned on.
- Press the Start/Stop Button  or the Auto Cleaning Button  on the remote control, or press the Confirmation Button  on the remote control, or the Cleaning Button on APP to Start/Stop F1.

## Pause/Standby

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:

- 1). Press the Start/Stop Button on F1 to pause it.
- 2). Press the Confirmation button on the remote control to pause the robot.

Notice:

After the machine is paused, the machine can be re-operated.

## Sleep

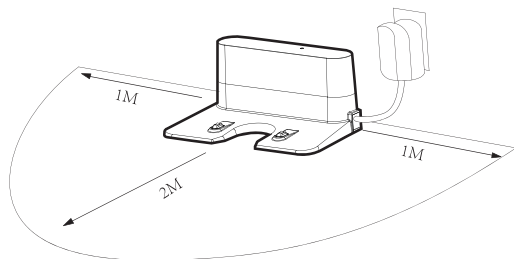
Sleep mode means that the robot is stopped and the indicator light is off. If the Robot is not active within 10 minutes, the robot will enter Sleep mode automatically, also press the power on/off button on the remote control can enter the sleep mode.

Note:

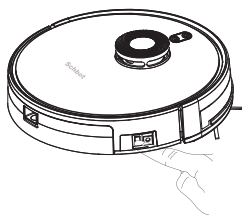
If F1 is out of service for a long time, please turn off the main power switch.

## Charging your F1

- Remove all objects within 1m/3.3ft of the left and right side and 2m/6.6ft in the front of the charging base.

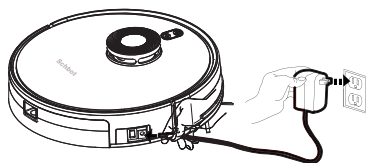


- Please do not forget to turn the main power switch on before use.
- F1 will be in Sleep mode if the standby time is more than 10 minutes.



## Charge Method A

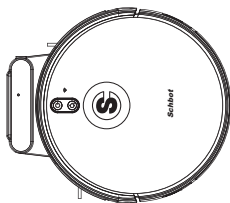
- Connect the original adapter with F1 DC power socket, the LED button of Start/Stop button will be in white, users will hear the voice prompt of charging from the F1.



Please keep the main power switch on when charging.

## Charge Method B:

- Connect the adapter with the DC socket of the charging base, attach F1 to the charging base by aligning its charging poles with the charging poles on the base.
- The LED indicator on the charging base will be slowly flashing green if connect properly.



## Auto Recharge

- F1 will start to find the charging base automatically for recharge when the battery power is low or F1 finishes the cleaning work.
- Please keep the charging base connected with the power system, or F1 will not be able to find the charging base.

## Charging instruction

- F1 can only be charged by the original power adapter and charging base provided by Schbot.
- F1 may not be able to find the charging base quickly, it will improve the efficiency of finding charging base after working several times.
- Please charge F1 for 12 hours for the first time. Both the LED indicator on the Start/Stop button and Auto charge button will be white.
- Please let F1 run out of power at the first use.
- Users can press the Auto Recharge button on F1 or on the remote control, or press the Recharge button on APP to order F1 to find charging base.
- Please turn off the main power switch if the robot will be out of service for a long time.
- Please charge F1 as soon as possible after the battery is used up.
- The battery should be repaired and replaced by the after-sales service center.

## Wi-Fi Setup Requirements

Before Wi-Fi setup, please make sure that F1 and your Wi-Fi network meet the following requirements.

1. The Wi-Fi Network you are using is 2.4GHz router or a dual-band router. F1 does not support 5GHz frequency band.
2. The Wi-Fi network you are using supports 802.11b/g/n and IPv4 protocol.
3. Please make sure that there is no illegal character in your SSID, or the Wi-Fi may not be recognized.
4. Please don't use a virtual Private Network(VPN) for connection.
5. Please make sure that your password is correct when entering.
6. Please make sure F1 is fully charged or on the dock station, and the main power switch on the side of F1 is turned on.
7. Please make sure that you hear the voice of prompt for connection, and the Wi-Fi status light slowly flashes white.
8. Please make sure that your F1, Router and Smartphone are as close as possible.

## APP Connecting

# Google Home/Amazon Alexa Connection Guideline

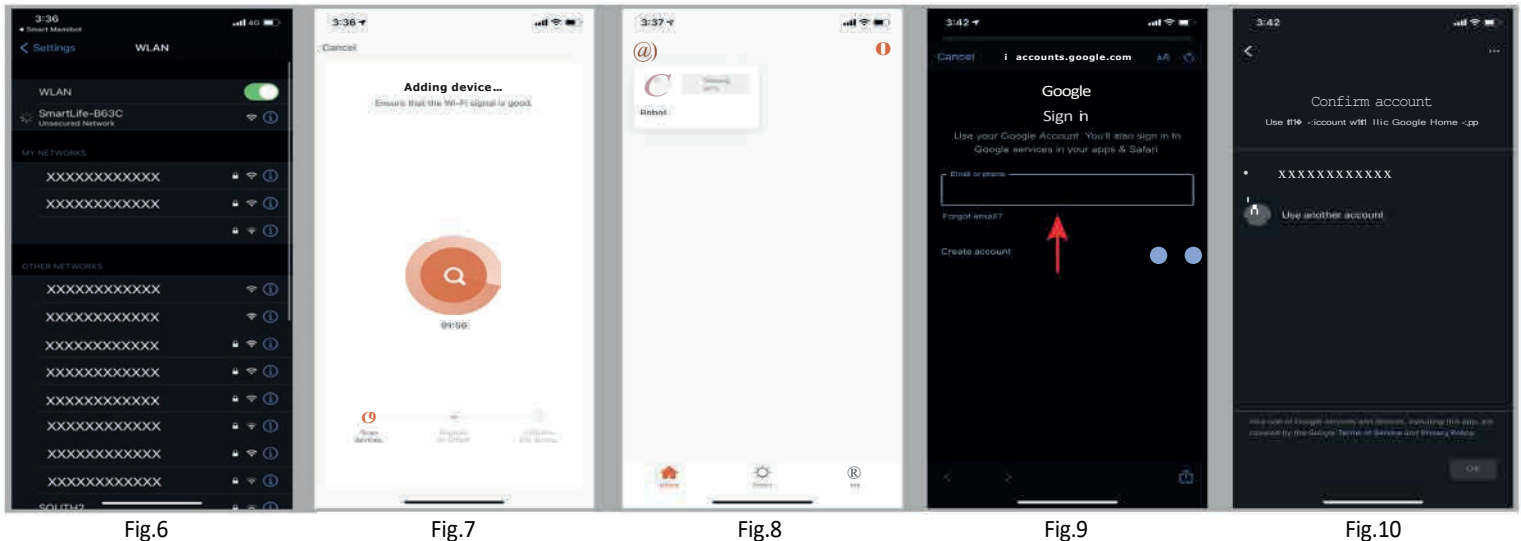
20210623Ver.

1. Download the "Tuya Smart" app, "Google home" app or "Amazon Alexa" app.



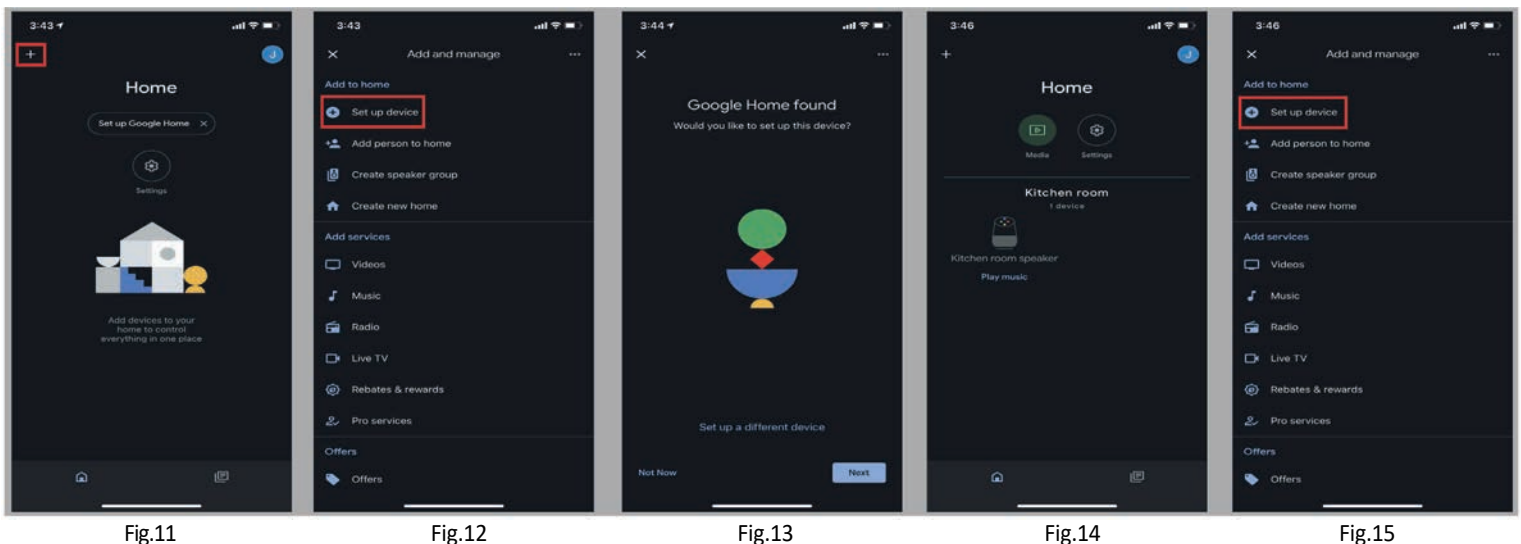
2. Register the account of "Tuya Smart" app, "Google home" app or "Amazon Alexa" app, and then log in the "Tuya Smart" first as Fig.1, Fig.2, Fig.3.

3. Connect the robot with the 2.4Ghz wifi (EZ Mode) as Fig.4, Fig.5, Fig.6, Fig.7, Fig.8.



4. Log in "Google home" app as Fig.9, Fig.10, Fig.11, then click "+" (Fig.11) and enter into the "Set up device" interface, and go to the "New devices" to add the google home as Fig.12, Fig.13, Fig.14.

5. Enter into the "Set up device" again, click the "Works with Google" to add devices as Fig.15, Fig.16, Fig.17.



6. Search **"smart life"**, click it and log in "smart life" with **the account and password of "Tuya Smart" opp**, as the Fig.18, Fig.19, Fig.20.

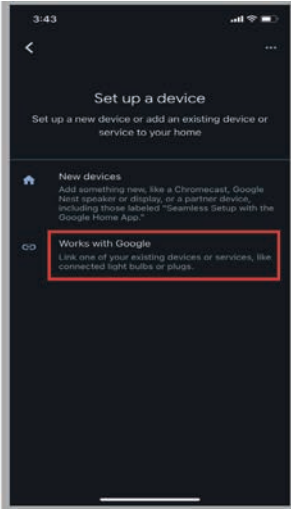


Fig.16

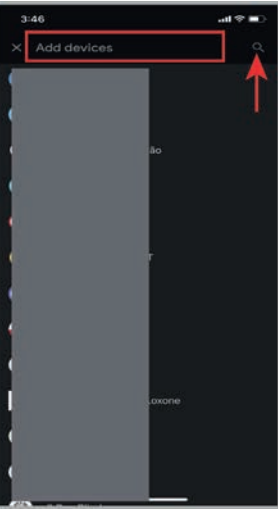


Fig.17

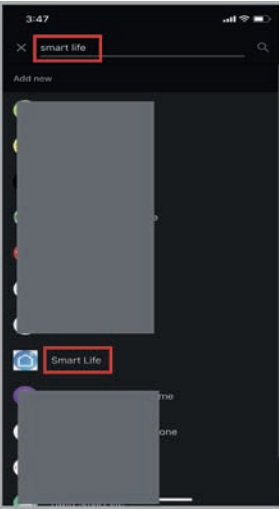


Fig.18



Fig.19



Fig.20

7. Check the devices which are synchronized from the "Tuya Smart" opp, choose the device that **needs to be voice-controlled** as Fig.21, Fig.22, then control it under the command of **Google Assistant**:  
Hey, Google, turn on/off the robot;  
Hey, Google, charge the robot.

**If the third-party control is Alexa, say:**  
(Hey, Alexa, turn on the robot;  
Hey, Alexa, turn off the robot)



Fig.21



Fig.22

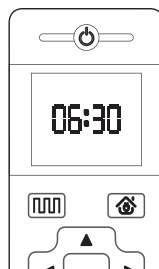
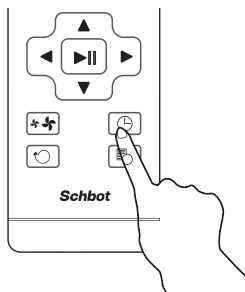
8. Connect the "Amazon Alexa" with the **similar way**, if you have any further comments, please feel free to contact our local distributor.

**Attention:**  
All the referred trade marks, include "Google home", "Amazon Alexa", "google", "smart life", "Google Assistant", "Alexa", "Tuya Smart" but not exclude other referred trademarks belong to its registered company in the correspond countries or areas.

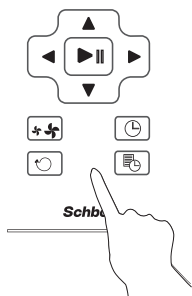
The operation would be slightly different from the final products according to the update of the Apps or software, please subject to the received products. We reserve the right to any technical and design change without any prior notice.

## How to set the clock

- Press the Clock Setting button on the remote control to set the users' local time.
- To set the hour and minutes with Left or Right Button, then confirm with Confirmation Button.



## How to set the schedule



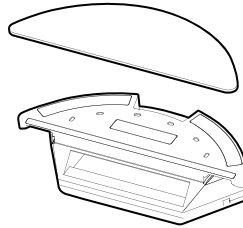
- Press the Schedule Setting Button to set the schedule, press the Left or Right Button to set the appointed cleaning time for F1. (F1 will start cleaning at 8:30 a.m. automatically every day if the Scheduled time is 8:30 a.m. in the standby mode)
- You can also set the Schedule time on APP.

### ※ Attention

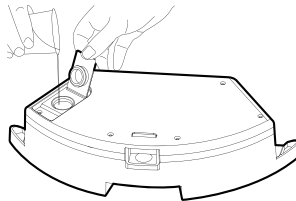
- Please keep the main power switch on so that F1 can do the cleaning work at scheduled time.
- Please make sure the battery power is higher than 20%, if the battery power is less than 20%, F1 will go to recharge.
- The schedule via remote control will be cancelled automatically if the main power switch is turned off. The Schedule on APP could only be cancelled via APP.
- The schedule on remote control can be also cancelled if press the Schedule Setting Button for 3 seconds.

## How to use water tank

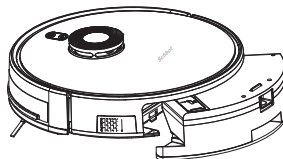
- Attach the microfiber mop to the vlcro at the bottom of water tank.



- Remove the sealing cap from the water tank and fill it up with clear water, then cover it.



- Release the button on the dust box and take it out, release the button on the water tank and fix it on F1.
- Mopping your floor via APP or Remote control.



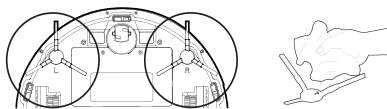
### ※Attention

- Do not put the water tank on F1 when charging.
- Do not add dirty water or corrosion/flammable liquid into water tank.

## Cleaning and Maintenance

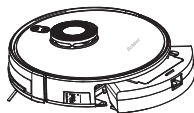
### Clean the Side Brushes

- The side brushes can be bent or damaged after being used for a period time. Pull off the side brushes and clean them with the cleaning tool or soft mop, or replace them with new side brushes.
- Please make sure the L and R side brushes correspond to the L and R on F1.
- The side brushes can be reshaped with hot water if deformed. (Please take care of yourself to avoid being scalded by hot water).



### Clean the Dust Box

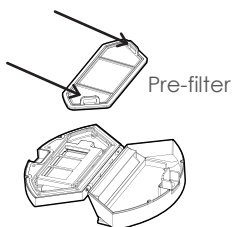
- Press the dust box release button to pull the dust box out.



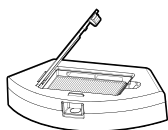
- Open and empty the dust box



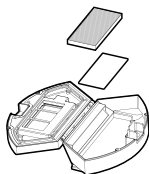
- Remove the pre-filter by pulling the hooks on the pre-filter.



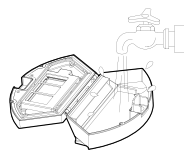
- Take out the foam filter and HEPA from the dust box(a).
- Clean the HEPA only with the cleaning tools, do not wash the HEPA with water(b).
- Clean the dust box, pre-filter and foam filter with the cleaning tools or wash them with water directly(c).



(a)

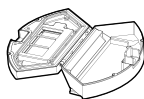


(b)



(c)

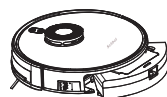
- Dry the dust box, pre-filter, foam filter, do not expose the HEPA and filters to the sun(d).
- Put the foam filter, pre-filter, HEPA back together into the dust box. Put the dust box back into the main unit(e,f).



(d)



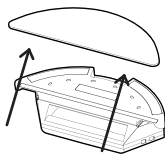
(e)



(f)

## Clean the Water Tank

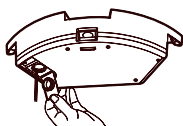
- Pull the water tank off from F1, and release the lock button.
- Remove the mop from the water tank, and wash it with clear water, then dry it(g,h).
- Pour the rest water in the water tank out, and clean it with soft cloth(j,k).



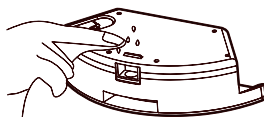
(g)



(h)



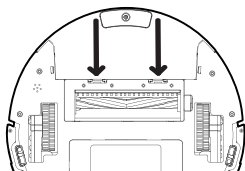
(j)



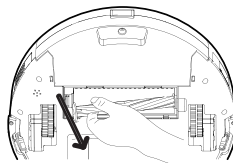
(k)

## Clean the Rolling Brush

- Release the brush guard and pull out the rolling brush(1).
- Clean the rolling brush with cleaning tools(2).



(1)



(2)

## Clean other Parts

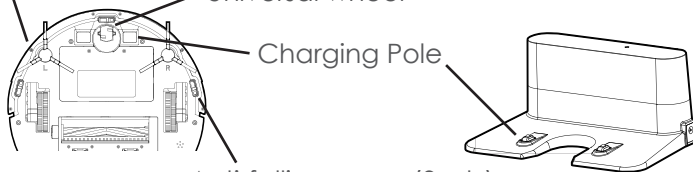
- Clean the Anti-falling sensors with soft cloth.
- Clean the Bumper and Infrared sensors with soft cloth.
- Clean the charging pole on F1 and charging base with soft cloth.
- Pull out the Universal wheel and clean the hair or debris wrapped or entangled with the wheel, then reinstall it after cleaning finished.

Bumper/Infrared sensors

Universal wheel

Charging Pole

Anti-falling sensor(3sets)



## Cleaning / Replacement Frequency Recommended

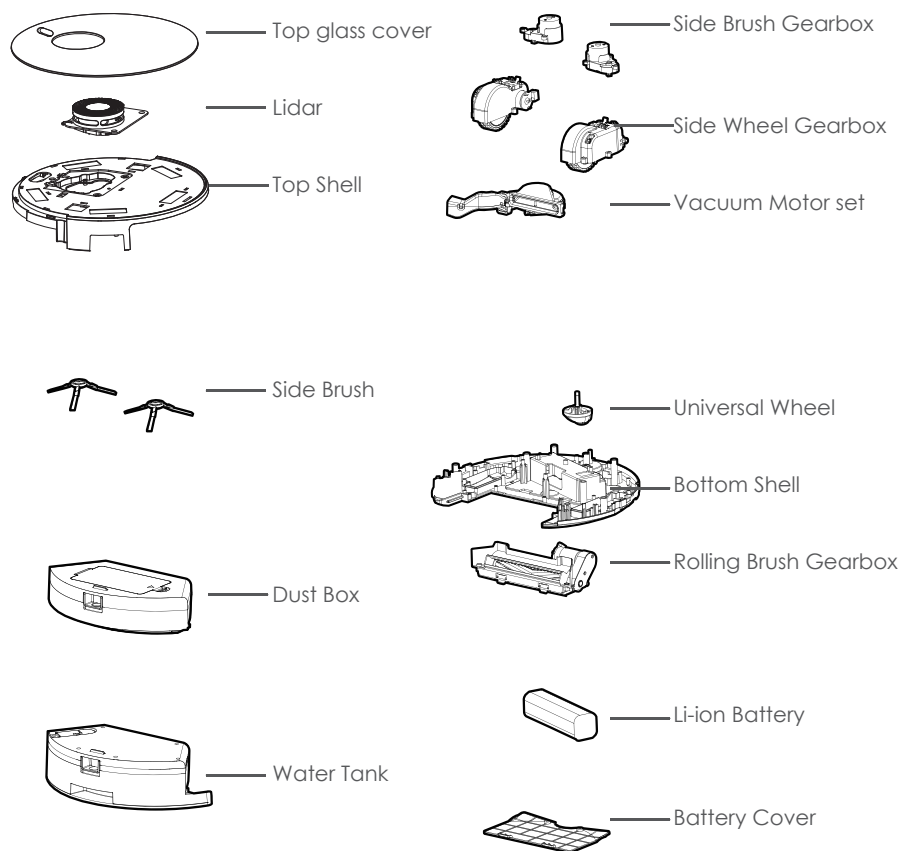
| Part                                                                                                                                       | Cleaning / Replacement Frequency Recommended               |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Side Brushes                                                                                                                               | Cleaning every month; Replacment every 3-6months.          |
| Rolling Brush                                                                                                                              | Cleaning every month; Replacment every 3-6months.          |
| Dust Box                                                                                                                                   | Cleaning after each use.                                   |
| HEPA                                                                                                                                       | Cleaning every 2-3 times use; Replacement every 3-6months. |
| Pre-filter                                                                                                                                 | Cleaning every 2-3 times use; Replacement every 3-6months. |
| Foam Filter                                                                                                                                | Cleaning every 2-3 times use; Replacement every 3-6months. |
| Mopping Cloth                                                                                                                              | Cleaning after each use; Replacement 6-12months.           |
| Universal Wheel                                                                                                                            | Cleaning every month                                       |
| Infrared sensors                                                                                                                           | Cleaning every month                                       |
| Bumper                                                                                                                                     | Cleaning every month                                       |
| Charging Pole                                                                                                                              | Cleaning every month                                       |
| <b>Note:</b><br>Above frequency is only for your reference. The final cleaning/replacment frequency should subject to exact use frequency. |                                                            |

## Troubleshooting

| Problems                                            | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F1 can not be charged                               | <ul style="list-style-type: none"> <li>• Make sure the adapter connect the power supply and the charging dock correctly and the indicator lights up.</li> <li>• Clean the charging poles on charging base and F1 with dry and soft cloth, then charge again.</li> <li>• Charge F1 via adapter directly.</li> </ul>                                                                                                                           |
| F1 can not be activated.                            | <ul style="list-style-type: none"> <li>• Make sure the main power switch is turned on.</li> <li>• Make sure F1 is fully charged.</li> <li>• Make sure the remote control is not out of power or replace it with new AAA battery.</li> <li>• Make sure your remote control signal is within the range of F1 (5m/16ft).</li> <li>• Control F1 via APP. F1 may not be controlled by the remote control if it stays on charging dock.</li> </ul> |
| The remote control does not work.                   | <ul style="list-style-type: none"> <li>• Replace new AAA battery.</li> <li>• Make sure the remote control is within the range of F1 (5m/16ft).</li> <li>• Make sure the main power switch is turned on.</li> </ul>                                                                                                                                                                                                                           |
| F1 does not work as scheduled.                      | <ul style="list-style-type: none"> <li>• Make sure the main power switch is turned on.</li> <li>• The Scheduled time will be cancelled if it is rebooted. Please set the schedule time via APP.</li> <li>• Make sure F1 is fully charged.</li> <li>• Make sure F1 is not stuck at some places.</li> </ul>                                                                                                                                    |
| F1 goes back to recharge before finishing cleaning. | <ul style="list-style-type: none"> <li>• F1 will go back to recharge if the battery power is lower than 20%, make sure F1 is fully charged.</li> <li>• Reboot F1 by turning off / on the main power switch.</li> </ul>                                                                                                                                                                                                                       |
| F1 step back when working.                          | <ul style="list-style-type: none"> <li>• Avoid F1 to work on the dark floor or under the direct irradiation of sunlight.</li> <li>• Clean the Infrared sensors and the bumper with soft cloth.</li> </ul>                                                                                                                                                                                                                                    |
| Suction power is weak than before.                  | <ul style="list-style-type: none"> <li>• Clean and empty the dust box.</li> <li>• Clean the pre-filter, foam filter and HEPA and also keep them dry.</li> <li>• Clean the rolling brush.</li> <li>• Clean the suction inlet.</li> </ul>                                                                                                                                                                                                      |
| F1 can not connect to users' Wi-Fi network.         | <ul style="list-style-type: none"> <li>• 5G router network is not available for F1. Make sure the router network supports 2.4GHz.</li> <li>• Keep the router, F1 and smartphone be closer to each other, proceed with connection as per manuals &amp; APP instructions.</li> </ul>                                                                                                                                                           |

| Problems                                                                                                                                                                                          | Solutions                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The working path and map of F1 is abnormal.                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Remove the objects, such as cables, shoes from the floor.</li> <li>• Clean the Infrared sensors and bumper with soft cloth.</li> <li>• Keep the wheels dry, the path of F1 will be abnormal if the wheels are wet.</li> <li>• Upgrade the latest version of firmware through APP setting.</li> <li>• Reboot F1 by turning off / on the main power switch.</li> </ul> |
| F1 can not connect to Alexa or google home.                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Make sure users have installed Alexa or google home app.</li> <li>• Make sure users have followed the guide of connection from APP.</li> </ul>                                                                                                                                                                                                                       |
| F1 is bouncing up and down.                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Check if the L and R brush installed in reverse, if yes, reinstall them properly.</li> </ul>                                                                                                                                                                                                                                                                         |
| F1 Stops working suddenly.                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Check the battery power.</li> <li>• Make sure the cleaning mode is not in the Spot Cleaning . F1 will work only 30 seconds in the Spot Cleaning mode.</li> <li>• Check the working conditions and make sure F1 is not trapped by obstacles.</li> <li>• Reboot F1 by turning off/on the main power switch.</li> </ul>                                                 |
| <b>Attention:</b><br>All the referred trade marks: Alexa, google home, google play, Apple, APP store etc, the trademarks belong to their registered company in the correspond countries or areas. |                                                                                                                                                                                                                                                                                                                                                                                                               |

## F1 Anatomy



### Notice:

F1 is only for indoor cleaning, it works well on the hard floor, wooden floor, marble floor or short carpet floor. Please also keep regular cleaning for F1.

## Name and Content of Hazardous Substances

| Component                             | Content of Hazardous Substances |     |        |             |         |                       |                   |
|---------------------------------------|---------------------------------|-----|--------|-------------|---------|-----------------------|-------------------|
|                                       | Plastic Shell                   | PCB | Cables | Metal Parts | Adapter | Electronic Components | Rubber Components |
| Cadmium(Cd)                           | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Lead(Pb)                              | ○                               | ○   | ○      | X           | ○       | ○                     | ○                 |
| Mercury(Hg)                           | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Hexavalent Chromium (CrVI)            | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Polybrominated Biphenyls(PBB)         | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Polybrominated Diphenyl Ethers (PBDE) | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Bis(2-ethylhexyl) Phthalate(DEHP)     | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Butyl Benzyl Phthalate (BBP)          | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Dibutyl Phthalate (DBP)               | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |
| Diisobutyl Phthalate (DIBP)           | ○                               | ○   | ○      | ○           | ○       | ○                     | ○                 |

The time of the components for environment protection concern is 10 years. The time is valid under the use conditions of this manual.

**○:** It indicates that the content of the hazardous substances in all homogeneous materials of the components is in compliance with the council RoHS 2 Directive (EU) 2015/863 and (EU) 2017/2102 amending Annex II to Directive 2011/65/EU.

**X:** It indicates that the content of the hazardous substances in all homogeneous materials of the components is the exempt item according to the council RoHS 2 Directive (EU) 2015/863 and (EU) 2017/2102 amending Annex II to Directive 2011/65/EU.

## Recycling of F1 at the end of its lifespan:



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



The product meets all the necessary requirements of the EU directives applicable to the specific product.

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

## Schbot Robotics OÜ

AH Tammsaare tee 47, Tallinn 11316, Estonia

### Contact

E-mail: [sales@schbot.com](mailto:sales@schbot.com)

Phone: +372 6864077

Maintenance: +372 58580407

[www.schbot.com](http://www.schbot.com)