

MAMIBOT

ROBOT VACUUM CLEANER

PREVAC650

USER MANUAL

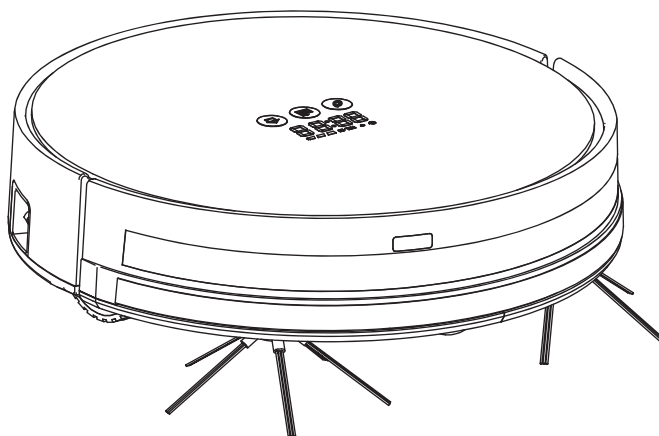
EN

DE

IT

SE

FR



Thanks for purchasing our robot vacuum cleaner.

Please keep this user manual in your sight, read it thoroughly and carefully before using the device.

Thanks for buying Mamibot robot vacuum cleaner.

Please read this manual carefully before use.

Please follow up the manual during operation for your safety.

There are wifi-version and non-wifi version of Mamibot PreVac650 model.

If your robot is wifi-version, please read the **Quick Guide for APP Using** in the next page.



If your robot is non-wifi version, please skip the page of **Quick Guide for APP Using**.

*****Please make sure that your robot, your router, and your phone are close to each other before you start APP connection.**



Quick Guide for App Using

For Wifi-version PREVAC650 only

*****Important***:** Before WIFI connection, turn on the robot, long press AUTO  button on the robot for 3 seconds until it beeps and the screen shows , your robot is initialized.

1. App Downloading

Search “**Mamibot**” from your APPSTORE or google play, download the APP [Fig 1].

Open “**Mamibot**” on your cellphone after download [Fig 2];

Register an account via email or cell phone number [Fig 3] (type the right Verification Code [Fig 4] and Set up a Password for your **Mamibot ID** [Fig 5]);

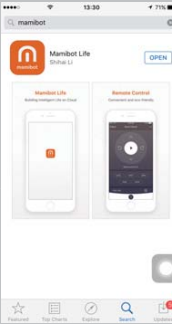


Fig 1

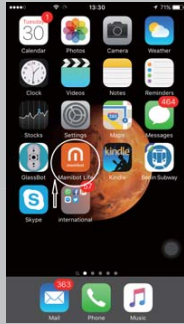


Fig 2

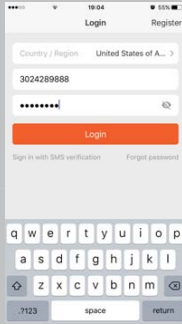


Fig 3

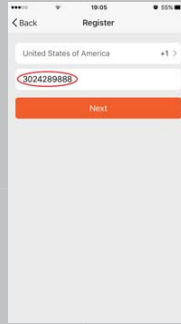


Fig 4

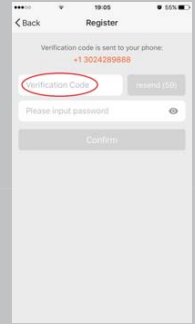


Fig 5

Tap + on the top right corner to add device [Fig 6]; Choose Robot Vacuum [Fig 7]; Click next step [Fig 8]; Type your WIFI Password [Fig 9] and start device connection [Fig 10]; Connection succeeds [Fig 11];

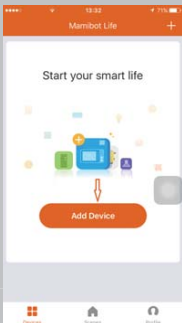


Fig 6

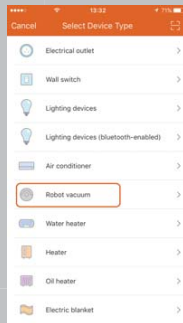


Fig 7

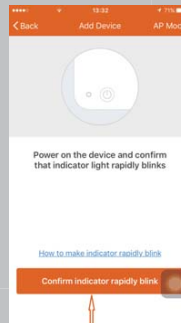


Fig 8



Fig 9

Rename your device, e.g. Mamibot650 [Fig 12]; Start using App to control your robot [Fig 13];



Fig 10



Fig 11

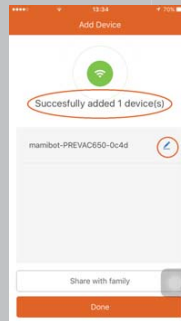


Fig 12

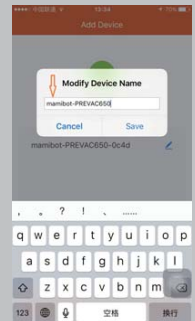


Fig 13

2. APP Operation

You may click AUTO (Auto/zigzag cleaning), SPOT (Spot cleaning), EDGE (Edge cleaning), DOCK (Auto Charging), 30MIN (Single room cleaning for 30 mins) to choose proper cleaning modes [Fig 14]; when it's in AUTO mode, the AUTO button's background color changes to gray [Fig 15];

3. Scheduling:

Choose Schedule to enter scheduling interface [Fig 16]; choose the proper working time [Fig 17], action (Dock or Cleaning) and day (multiple Mon-Sun) [Fig 18] and Save your choice;

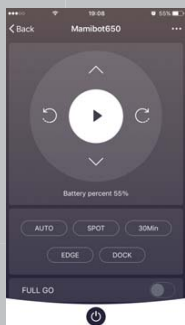


Fig 14

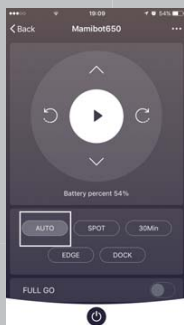


Fig 15

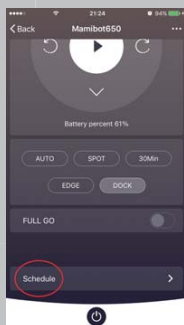


Fig 16

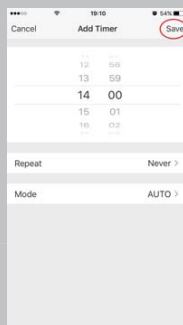


Fig 17

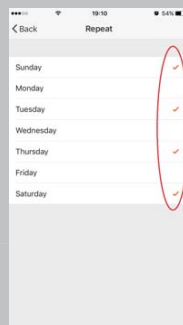



Fig 18


4. Wake Up /Standby

Press the On/Off  symbol on your App to Wake Up/Standby your robot;

Note: When it is in Standby Mode, the App page turns darker [Fig 19];

When you press the On/Off symbol [Fig 20], in 3 seconds the robot will be waken up and ready for cleaning.

5. Add Sharing:

Only one main ID for one single device is available, if you want to share the device to others in your family, tap symbol  on the top right corner [Fig 21], choose Add Sharing [Fig 21], type correct registered cellphone number/email ID to add additional users [Fig 22].

Note: other users have to register Tuya ID before adding.

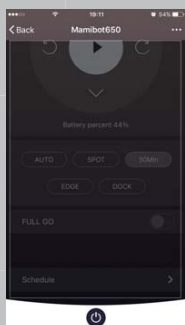


Fig 19

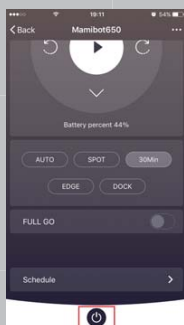


Fig 20



Fig 21

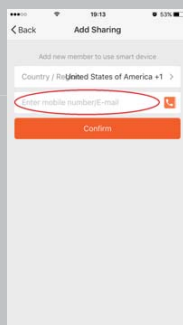


Fig 22

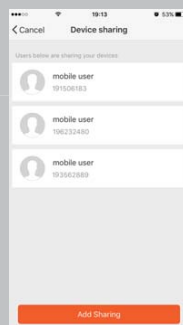



Fig 23

6. Reset WIFI

Change the connection from existing WIFI device to new WIFI device, press AUTO button  for 3 seconds on your robot to reset the wifi, the robot beeps, then re-connect your robot to the new WIFI Device.

Thanks for buying Mamibot robots and wish you enjoy using.

Scan to download APP



TABLE OF CONTENTS

1. Safety Instructions	1
2. Getting to Know Your Robot Cleaner	3
2.1 Main Body.....	3
2.2 Product Components.....	4
2.3 Charging Dock.....	5
2.4 Magnetic Strip (Optional).....	5
2.5 Remote Control.....	6
3.Product Operation	6
3.1 Cleaning/Standby/Sleeping.....	6
3.2 Scheduling.....	7
3.3 Cleaning Modes.....	7
3.4 Battery Charging.....	8
3.5 Exchanging dustbin and water tank (Apply to Specific Models)	10
3.6 Remote Control Use.....	10
4. Production Maintenance	11
4.1 Cleaning Side Brushes, Main Brushes, and Cloth.....	11
4.2 Cleaning Dust Box and Filter.....	12
4.3 Cleaning Sensors and Charging Poles.....	13
5. Troubleshooting	14
5.1 Error Codes and Solutions.....	14
6.Parameters	15

1. Safety Instructions

1. Before use, clear the object on the floor (remove all the fragile objects and cords, clothing, papers, loose cables, as well as make sure to lift curtains and drapes off the floor to avoid any possible accidents.) Make sure the carpet corner edges are down-warp, hanging tablecloth or curtain should not touch the ground.
2. When your Mamibot robot is to be used by a child, the child must be of 8 years old and above. For persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, proper supervision or instruction should be given concerning use of the appliance in a safe way to help them understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be made by children without supervision.
3. If there are steps in the working area of the robot, the enclosed Virtual Wall can be applied to the top stair. The minimum distance to the edge of the step should be approximately 6in (15cm) on hardwood or thin carpet. On thick carpet the minimum distance to the edge of the step should be approximately 6in (15cm). This is an extra safety measure to prevent the robot from falling off an edge or stairs.
4. Only use recommended original spare parts.
5. This appliance should only be used for domestic cleaning, as described in this user guide.
6. Use only the original charger supplied with the appliance. Check that your supply voltage is the same as that stated on the charger. Never charge the batteries in temperature above 40 degrees centigrade or below 0 degrees centigrade. Plug the charger delivered with this appliance into a suitable socket.
8. Make sure the dust box and filtering cloth are installed properly before use.
9. Don't spray with or pick up flammable liquids, cleaning fluids, aerosols or their vapours.
10. Use this product in temperature from 0°C to 40°C.
11. Don't put your hair, clothes, fingers or other part of body close to the main brush or side brushes.
12. Don't use this device in a baby room.
13. Don't use this product on ground of moisture or with ponding area.
14. Make sure this product is not used to vacuum cigarette ends, lighters, matches or any other flammables that may cause a fire.
15. Clean the dust bin and vacuuming port before use, clear out dust, hair or cotton fibre at the suction port frequently. Don't block the inlet of the dust box.
16. Do not over-bend or press the flexible cord with heavy or sharp objects. Don't let the robot walk over the cord or tangle the cord when it is cleaning. Keep the cord from heat sources.
17. Only authorized technicians can disassemble the product. Users are not allowed to disassemble or repair the product.
18. Don't use damaged charging dock.
19. Don't use damaged cord or adapter. Don't use the robot if it is broken. Search for after-sales services or repair to avoid being hurt.
20. Turn off the switch before you clean or maintain the device.
21. Do not place this product where it is easy to drop off (tables, chairs, etc).
22. Before charging, check the adapter and outlet whether these are properly connected.
23. Leaks from battery cells can occur under extreme usage or temperature conditions. If the liquid

1. Safety Instructions

gets on skin, wash quickly with water. If the liquid gets into eyes, flush them immediately with clean water for a minimum 10 minutes. See medical attention.

24. End of life battery removal. If the appliance is to be disposed, the batteries must firstly be removed. The appliance must be disconnected from the supply mains when removing the battery.

25. Turn off the power switch during product transportation or when you don't need to use this product for a long time.

26. It is normal for the charger to become warm to touch when charging.

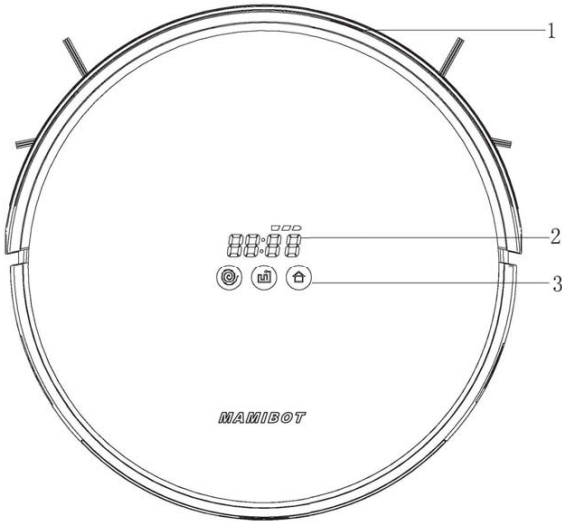
27. Please strictly follow up instructions of this USER MANUAL when using the device. We take no responsibility to any loss or damages caused by improper use.

DO	DO NOT
<p>CHARGING. Charge it when you aren't using it to ensure that every time you need it, the Mamibot PreVac650 will be ready to roll.</p>	<p>WATER, CHEMICALS, or OTHER MOLD PRODUCING FLUIDS. Do not clean wet messes with your robot. Do not bathe or otherwise submerge your robot in water. It also doesn't like harsh chemicals, or anything that can permanently stain it. It doesn't mind being cleaned and groomed with a damp cloth, however.</p>
<p>VIRTUAL WALL. The robot likes to clean everywhere it can reach. If you want to keep the robot from a certain area, just put out the boundary markers. The robot will clean up to the boundary markers but will not cross over them.</p>	<p>HANGING CABLES AND LOW TO THE GROUND TABLECLOTHS. To keep your robot and your home safe, make sure that your vacuum cannot get caught on hanging electric cords, tablecloths, or other cord-like items.</p>
<p>GROOMING. Because it's down in the dirt all day long, your robot can get a little grungy. After a while, give it a once over to ensure wheels and brushes are free of hair and debris and to keep it running smoothly.</p>	<p>COLD. Exposing your robot to freezing temperatures may cause permanent damage, and possibly hurt its feelings. OUTDOORS. Your robot is a domestic device and not intended for outdoor use. Keep it in the house where it will be happy.</p>

2. Getting to Know your Robot Cleaner

2.1 Main Body

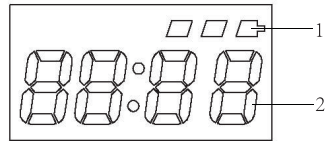
No.	Item
1	Bumper
2	Display Panel
3	Touch Buttons



Touch Buttons



Display Panel



S.N.	Function
1	Battery Status/ Charging Status
2	Indication of scheduling, timing, error codes, cleaning modes, etc.

Main body and accessories



Main Body



Dock Station



Adapter



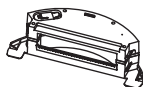
Mop



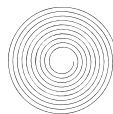
Side Brush



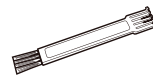
Remote Control



Water Tank



Magnetic Strip
(Optional)



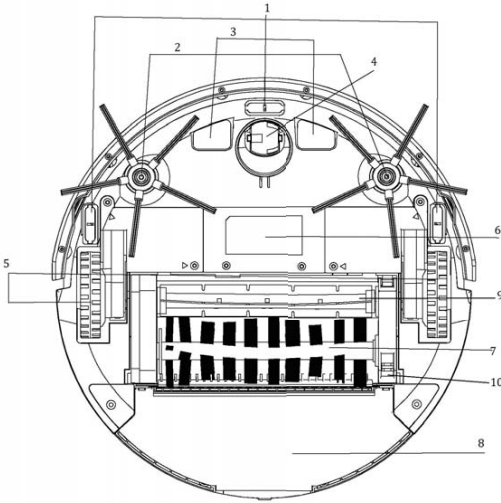
Cleaning Brush



Manual

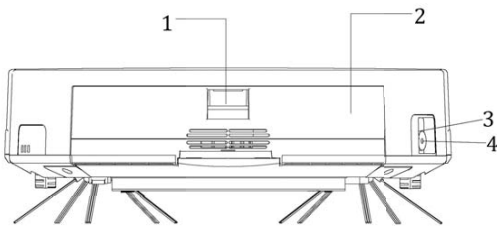
2. Getting to Know your Robot Cleaner

2.2 Product Components



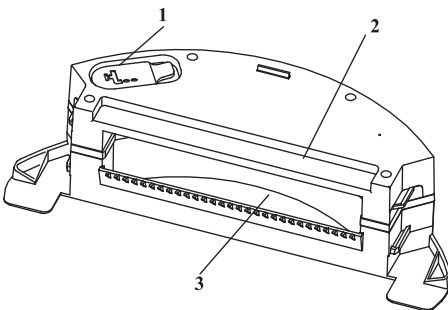
Bottom View

NO.	Description
1	Anti-falling Sensors
2	Side Brush
3	Charging Pole
4	Universal Wheel
5	Drive Wheel
6	Battery Box Cover
7	Fur Brush
8	Dust Bin/Water Tank
9	Roller Brush
10	Brush Guard Release



Back View

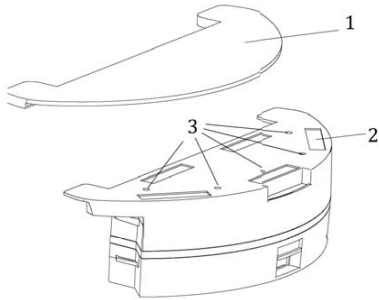
No.	Description	No.	Description
1	Dust Bin/Water Tank Release Button	3	Switch On/Off
2	Dust Bin/Water Tank	4	Charging plug



Water Tank

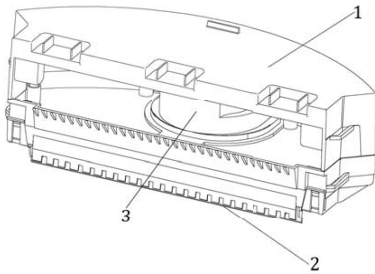
No.	Description
1	Water Filling Hole
2	Water Tank
3	Dust box Inlet

2. Getting to Know your Robot Cleaner



Bottom of Water Tank

No.	Description
1	Mopping Cloth
2	Velcro
3.	Water Leaking Hole

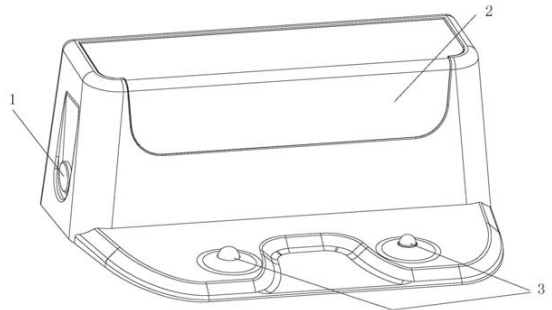


Dust Box without Water Tank

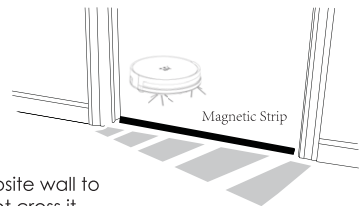
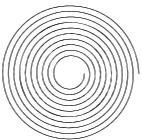
No	Description
1	Dust Box
2	Vacuuming inlet
3	Dust Vacuuming Motor

2.3 Charging dock

	Description
1	DC Charging Socket
2	Signal Receiving Window
3	Charging Poles



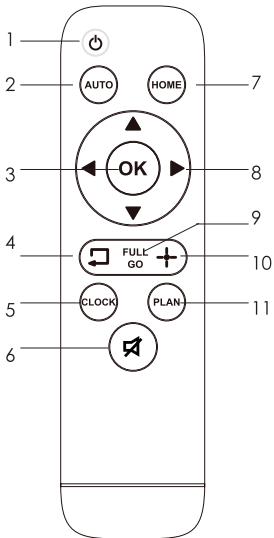
2.4 Magnetic Strip (Optional)



Lay the magnetic strip flat on the floor from one wall to the opposite wall to block off the area. The cleaner will recognize the strip and will not cross it.

2. Getting to Know Your Robot Cleaner

2.5 Remote Control



1	Standby/Wake Up Button	7	Auto Charging Button
2	Auto Cleaning Button	8	Direction Button
3	OK Button	9	Full Go Button
4	Edge Cleaning Button	10	Spot Cleaning Button
5	Time Setting Button	11	Schedule Setting Button
6	Voice On/Off Button		

3. Product Operating

3.1 Sleeping/Standby/Cleaning

Sleeping: Power Switch is On, display panel is Off

Standby: Power switch is On, display panel is On

Cleaning: The robot is cleaning, display panel is On

1) Cleaning

Make sure the power switch is On

Press any Cleaning Button on the robot or remote control to activate cleaning

Note: If the robot is in Standby mode, pressing any cleaning button on the robot or the Standby button on the remote control to wake it up.

2) Standby

Standby means the robot is on but stopped from previous Cleaning Mode. When the robot is cleaning, pressing any cleaning button on the robot or remote control may stop the robot from current cleaning mode.

Note: You may operate the robot when it is in Standby Mode.

3. Product Operating

3) Sleeping

When the robot is on and not cleaning, it will enter Sleeping Mode automatically within 45 seconds if without any operation.

When the robot is on and not cleaning, pressing Standby/Wake Up button to activate Sleeping Mode.

3.2 Scheduling

You can set up a cleaning schedule for the robot through remote control.

Time Setting

Make sure the robot is on and not in charging.

Point your remote control toward the display panel of the robot, press Time Setting Button, the left two numbers will flash, press "**^**"Up Arrow/"**V**"Down Arrow to set up the current HOUR, and press **OK** to confirm; then the right two numbers will flash, press "**^**"Up Arrow/"**V**"Down Arrow to set up the current Minute, press **OK** to confirm. Current clock setting is finished.

Scheduling Setting

Once the scheduling setting is activated, the robot will start working as per the scheduled time every day.


- 1) Make sure the robot is on and not in charging.
- 2) Point your remote control toward the display panel of the robot, press **PLAN** Setting Button, the left two numbers will flash, press "**^**"Up Arrow/"**V**"Down Arrow to set up the current HOUR, and press **OK** to confirm; then the right two numbers will flash, press "**^**"Up Arrow/"**V**"Down Arrow to set up the current Minute, press **OK** to confirm. The scheduling setting is finished.
- 3) To cancel the Scheduling: set up the scheduling time to **[00:00]** to cancel the scheduling.

Note: your scheduling will be invalidated automatically if you change the battery or take out the battery from your robot. You may need to reset the scheduling time accordingly.

3.3 Cleaning Modes


Auto Cleaning Mode / ZIGZAG Cleaning

Your Mamibot PreVac650 uses Inertial Navigation, an advanced navigation system that uses the algorithmic calculation to define the best path to efficiently clean your room. When it is in Auto Cleaning Mode, it will clean rooms automatically and adjust its cleaning modes according to environment (starts from ZIGZAG cleaning to maximize cleaning efficiency).

Note: By pressing  **Auto Cleaning** button on the robot or remote control to activate Auto Cleaning mode.

3. Product Operating

Spot Cleaning Mode

Put the robot in the area requires Spot Cleaning, press  **Spot Cleaning** button on the robot or remote control to activate this mode.

Note: If you want to terminate the Spot Cleaning mode, press any Cleaning buttons on the remote control or the robot to stop this mode; also the robot will automatically stop cleaning when Spot Cleaning is done.

Edge Cleaning Mode

Put the robot close to the edge of wall, press  **Edge Cleaning** button on the remote control to start this mode.

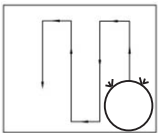
Note: If you want to terminate the Edge Cleaning mode, press any Cleaning buttons on the robot control or the robot to stop this mode.

Scheduling Cleaning

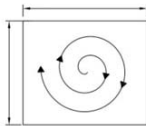
Set up Scheduling Cleaning as per your need. When scheduling is set up, the robot will start cleaning as per the schedule and returns to the charging station automatically when cleaning is done.

Full Go Cleaning

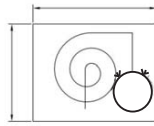
When the robot is On, or in cleaning, or in charging status (connected to charging station), press Full Go button on the remote control to activate this mode. The robot will start cleaning automatically when charging is finished.



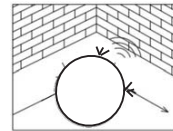
Zigzag Cleaning



Spot Cleaning



Auto Cleaning

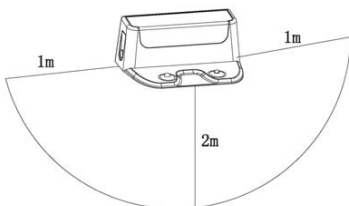


Edge Cleaning

3.4 Battery Charging

Place charging station against wall and remove obstacles from within 1 meter at both sides and about 2 meters in front of the station (as show in the figure)

Note: Indicator light on the charging station will be on when it is connected to power supply.



Auto Charging

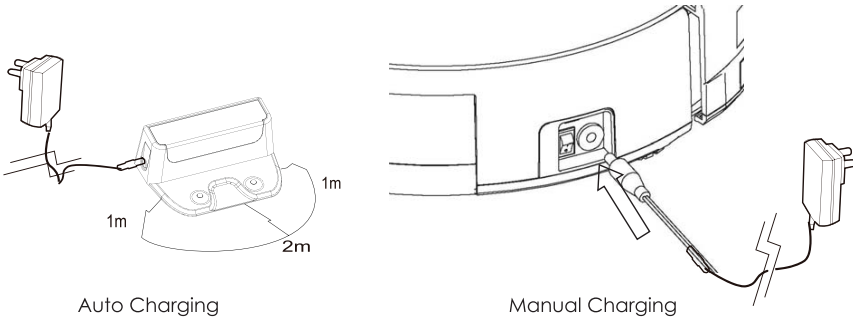
When the robot is in Auto Cleaning Mode, it will start to find charging station when power is low.

When the robot is on, press Dock Button on the robot or remote control to let the robot start finding charging station. (As shown in figure)

3. Product Operating

Manual Charging

Connect the power plug directly to the DC plug for charging (As shown in figure)

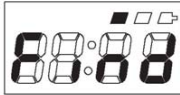


Notes:

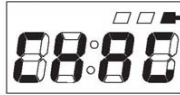
Please make sure the battery has been charged for over 6 hours for the first charging. When it is charging, the LED display shows flashing charging status; when charging is finished, the LED display stops flashing of charging status. (As show in figure)

If the robot is used frequently, please always keep the switch on and keep the robot on the charging station for optimum performances.

If the robot is not used for long, please fully charge it and place it to where dry and safe.



Low Power



In Charging



Charging Done

For Extending Battery Life

Before first use, charge the robot for over 6 hours.

Charge the robot as soon as battery power is low.

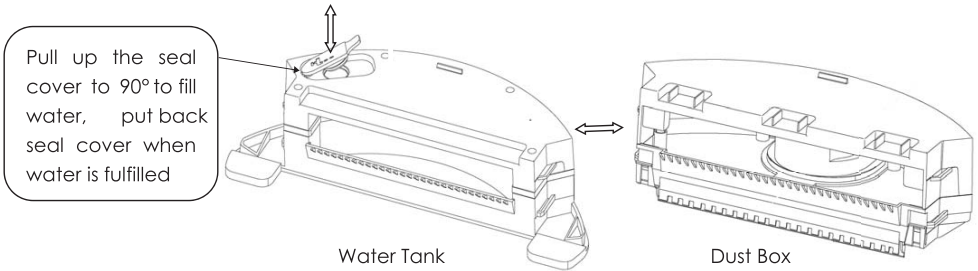
The robot will return to charging station automatically when it accomplished cleaning or battery power is low.

If the robot is not to be used for a long time, fully charge the battery before use, turn the power off, remove and store it in a cool and dry place.

If the robot is not to be used for more than 3 months, charge the robot for 12 hours, turn it off and store it in a cool and dry place.

3. Product Operation

3.5 Exchange of Dust Box and Water Tank (optional for specific model)








It is very convenient and easy to mop spots on the floor when put on the water tank and attach the cleaning cloth.

Take off the dust bin, place the water tank refilled with water on the robot, start up cleaning.

Note: When the water tank is on, the robot will automatically turn to Mopping mode. The whole body of water tank is washable. Please don't wash the DUST BIN which has motor inside. Please pour water out when you're not using the water tank.

3.6 Remote Control Use.

Cleaning Buttons

Press **Auto**  to start Auto Cleaning, press **Home**  to start Auto Charging, press  to start Edge Cleaning, press **SPOT**  to start Spot Cleaning, press  to wake up the robot.

Direction Buttons

“^” Forward

Increase number when in Timing Setting or Scheduling Setting.

Robot moves forward when in Standby Mode or any other Cleaning Modes.

“v” Backward

Decrease number when in Timing Setting or Scheduling Setting.

Robot moves backward when in Standby Mode or any other Cleaning Modes.

“<” Left Arrow

When in Time setting or Scheduling Setting, press it to skip the number setting from left two digits to right digits.

Robot turns left when in Standby Mode or any other Cleaning Modes.

“>” Right Arrow

When in Time setting or Scheduling Setting, press it to skip the number setting from right two digits to left digits.

Robot turns right when in Standby Mode or any other Cleaning Modes.

3. Product Operating

Note: “^” is not available when it is in any Cleaning Mode.

Scheduling Setting Button

When the robot is standby, press this button to enter Scheduling Setting.

When in Scheduling Setting Mode, press this button to cancel Scheduling, the schedule time turns to be [00:00].

Time Setting Button

When the robot is standby, press this button to enter Time Setting Button

Auto Charging Button

When the robot is standby, press this button to start searching for charging station.

Edge Cleaning Button

When the robot is standby, press this button to start edge cleaning.

Spot Cleaning Button

When the robot is standby, press this button to start spot cleaning.

Note: Please install two AAA batteries in the remote control before using. Take off the battery if no use for long time.

Voice On/Off Button (Optional Models)

When the robot is on, press this button to Turn on/off voice function.

4. Product Maintenance

4.1 Cleaning of Side Brush, Main Brush and Mopping Cloth

Cleaning the Side Brushes

The side brushes can be easily worn from heavy use so you should check regularly to monitor their conditions.

- 1) Switch the robot cleaner off and put it up-side-down.
- 2) Remove the retaining screws with a screwdriver.
- 3) Use a pair of scissors to remove any trapped hair or debris.

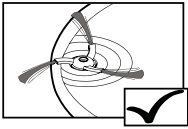
4. Product Maintenance



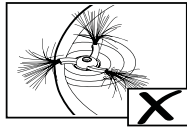
Correct Side Brush Deformation

The side brushes can sometimes be deformed during transportation or when the product is used under particular conditions. If this happens it is possible to return to the original shape by putting bristles in hot water.

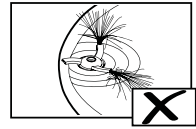
The micro-fabric mopping cloth is washable and can be used for many times.



Good



Recoverable



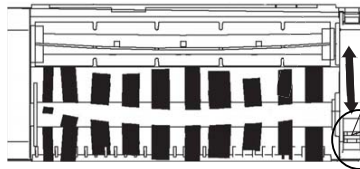
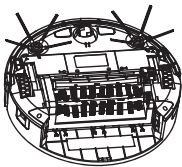
Need Replacement

Note:

Remove the main brush set from the robot:

push the Brush Guard Release on the main brush, then take out the roller brush and fur brush to clean.

Remove the mopping cloth from water tank: the mopping cloth shall be taken off when water tank is held still. When you put the mopping cloth back, make sure the two sides are properly installed on the water tank, and stuck flat on bottom of the water tank.



Press Brush Guard Release to pull out the brush components from the frame

4.2 Cleaning of Dust Box and Filtering Cloth

Please clean the dust box, filtering cloth after every time of use.

A. Push the button of the filtering box cover as per **[figure 1]**, clean the filtering box and cloth.

B. Clean the dust box and empty the garbage into trash bin.

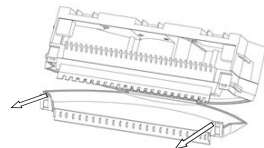


figure 1

4. Product Maintenance

Take the filtering cloth out as per [figure 2] and clean it (wash it and dry it before second use)

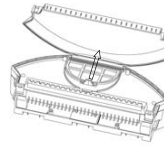
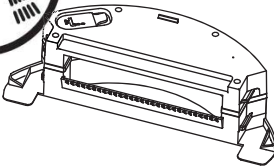


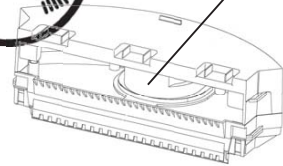
figure 2

Warning:

When clean your dust box and water tank, please make sure that the dust box with motor CAN'T be washed. Water may damage your vacuuming motor; The water tank is washable!



Water tank is washable

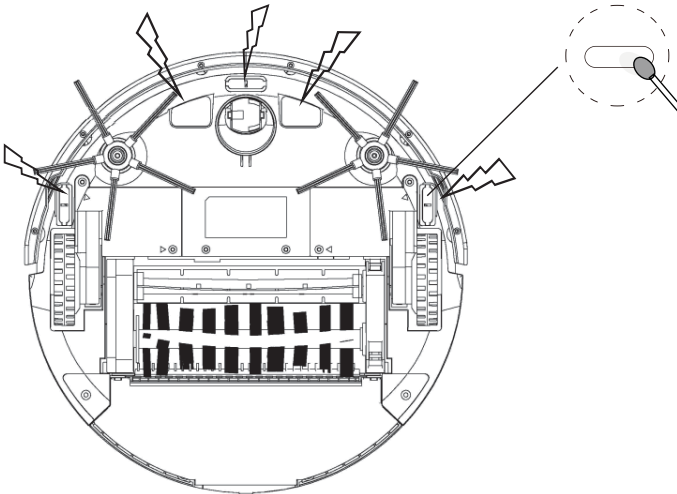


No water to vacuuming motor

Non-washable dust box

4.3 Cleaning of Sensors and Charging Poles

Clean the sensors and charging poles one week or according to daily use to make sure the robot is well maintained.



4. Product Maintenance

Note: the charging poles need to be cleaned so that the robot can charge itself successfully.

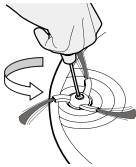
Replace the Side Brushes:

If the side brush is damaged, it needs to be replaced. Replacement brushes can be obtained from your retailer.

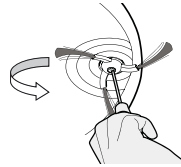
1. Switch the robot cleaner off and put it up-side-down.
2. Remove the retaining screw with a screwdriver.
3. Remove the old side brush and put new one in place.
4. Replace and tighten the screw.

Warning: Please assemble them on the correct side.

Note: Please assemble them on the correct side.



Screw left side brush
anti-clockwise



Screw right side brush
anti-clockwise

5. Troubleshooting

5.1 - Error Codes and Solutions

Error codes on display panel and solutions

Error Codes	Causes	Solutions	Error Codes	Causes	Solutions
Er 01	Right side brush fault/stuck	Clean the right side brush	Er 05	Right wheel fault	Clean the right wheel
Er 02	Left side brush fault/stuck	Clean the left side brush	Er 06	Vacuuming motor fault	Empty and clean the dust box
Er 03	Main brush fault/stuck	Clean the main brush	Er 07	Anti-falling sensor fault	Clean the anti-falling sensors
Er 04	Left wheel fault	Clean the left wheel	Er 08	Wheel off the ground	Put the robot on solid ground

Note: If above solution does not work, please try below:

Reset the robot by switching of the unit and then turn it on and check again.

If it still doesn't work after reset, contact after-sales or local distributor.

6. Parameters

Model No.	PREVAC650
Mechanical Specification	
Diameter	320mm
Height	88mm
Weight	3.0KGS
Electrical Specification	
Rated Voltage (V)	14.8
Rated Power (W)	22
Charging Station	
Rated Output Voltage (V)	19
Rated Output Current (A)	0.6
Battery	2600mAh Lithium
Remote Control	
Input Voltage (V)	3
Other Parameters	
Dust Box	600ml
Water Tank (Optional)	300ml water + 600ml dust box
Cleaning Modes	Auto (with Zigzag), Spot, Edge, Schedule
Charging Time	180-240 min
Cleaning Time	> 120 min

Battery Removal

Remove the screws on battery cover with a screw driver.

Remove the battery cover.

Grasp the insulating tape at two sides of the battery and lift the battery.

Unplug the wire connector that links the battery and robot.

Note: only use the original battery of the product, otherwise it may cause product damage.

Quality

Factories have been independently assessed by authorized Party for quality and production management.

The Environment



The symbol on this appliance indicates that this appliance may not be treated as household waste. Instead it must be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with local environmental regulations for waste disposal. For more detailed information about treatment, recovery and recycling of this appliance, please contact your local city office, your household and waste disposal service or the shop where you purchased the appliance.



This appliance complies with the European Directives 2014/30/EU, 2014/35/EU, and 2014/53/EU.

Your Guarantee

The guarantee conditions for this appliance are as defined by Mamibot representative in the country in which it is sold. Details regarding these conditions can be obtained from the dealer from whom the appliance was purchased. The bill of sale or receipt must be produced when making any claim under the terms of this guarantee.

Subject to change without notice.

Mamibot Manufacturing USA Inc.

Orange St. #600, Wilmington, New Castle, 19899, Delaware, USA

sales@mamibot.com www.mamibot.com