

# **User Manual**

Robotic vacuum cleaner Model: V4





Thank you for choosing ILIFE V4 robotic vacuum cleaner. You've joined millions of people to enjoy the convenience of robotic cleaning.

This user manual helps you to keep your robot performing at its best. Please take a few moments to read through it.

If you have any questions, please contact our customer service for assistance or visit www.iliferobot.com for more information.

Enjoy automated home cleaning performed by ILIFE V4!



# **ILIFE Customer Service**

Customer Service Number:

1-800-631-9676 (Toll free for USA & Canada)

+86-75521005927 (Outside USA & Canada)

Email: support@iliferobot.com



# **Important Tips**

### Operate V4

- Make sure the power switch is turned on before using the robot.
   Check the areas that need to be cleaned and remove obstacles on the floor.
- Robot will repeat cleaning the same areas a few times to ensure they are thoroughly cleaned.



- There may be small particles such as dog food and cat litter scattering on the floor while the spinning brushes are working. The vacuuming function will clear up the debris.
- When replacing the side brushes, make sure they are installed according to the "L" and "R" marks on both sides of the brush and the base of the robot.
- Successful clock and schedule settings will be confirmed by a "beep" sound.
- Empty the dustbin if the robot vacuums less or spits debris out. No alert will be given for a full dustbin.

### For best performance

- Empty the dustbin and clean the high-performance filter after each use.
- Filter could not be washed with water.
- Replace the high-performance filter when suctioning power weakens or when the robot picks up less debris.
- Put the charging home base against a wall and remove obstacles about 1 meter on both sides and about 2 meters in front.
- Fully charge the robot before each operation.

## Extending battery life

To extend V4's battery life and keep its cleaning performance at its best:

- Before first use, charge the robot overnight.
- If the robot will not be used for a long time, switch the power off.
- Recharge the robot soon after each use. Robot in low battery status may damage the battery.
- Use the robot regularly.

### Warning



V4 contains electronic parts. Do NOT put it in water or spay it with water. Clean the robot with a dry cloth only.



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# Safety Instructions

Before using the robot, please read and follow the safety instructions and precautions below.

- Read through this user manual carefully before using the robot.
- Retain this user manual.
- Any operation that is not described in this user manual may injure the users and cause product damage.

#### WARNINGS

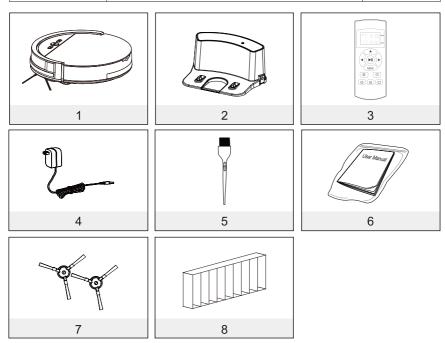
- Only certified technicians may disassemble the robot. Users must not disassemble
  or repair the robot.
- 2. Use factory authorized adapter only. Using nonspecific adapter may cause electric shock, fire or robot damage.
- 3. Do not touch the power cord, plug or adapter with wet hands.
- 4. Do not allow clothes or any part of your body to be drawn into the robot's wheels.
- 5. Do not place the robot near cigarette, lighter, matches or other flammables.
- 6. Clean the robot after charging finishes.
- Do not over-bend the power cord or pressure the power cord with heavy or sharp objects.
- 8. Do not use the robot outdoor.
- 9. Do not sit on the robot or attach any object on it.
- 10. Do not use the robot on wet floors.
- 11. Before using the robot, remove all fragile objects (textile, glass, lighting, etc) and other objects that could get caught in the brushes or suction opening (cords, clothing, papers, drapes, blinds, etc) on the floor.
- 12. Do not place the robot where it could easily fall off (tables, chairs, etc).
- 13. Turn off the power switch during transportation or when the robot will not be used for a long time.
- 14. To avoid battery damage, check if the adapter and outlet are properly connected before using the robot.
- 15. To avoid tripping, make sure everyone in the house knows the robot is working.
- 16. Use the robot in environment between -10° and 40° Celsius.
- 17. Do not place the robot in high-temperature environment.
- 18. Before scrapping the battery, remove it from the robot.
- 19. Disconnect electricity supply before removing the battery.
- 20. The battery is to be disposed of safety according to local regulations.

**NOTE:** This robot should not be used by children, mentally challenged people or people who lack related experience and knowledge (unless they are under proper supervision).



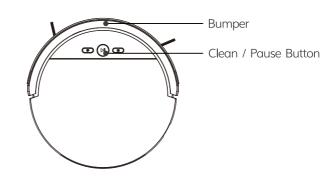
# Main body and accessories

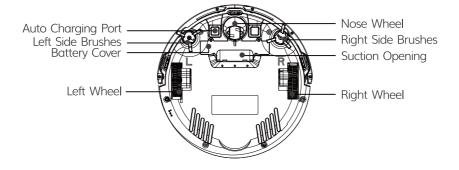
NO.	Description	Qty
1	Main Body (battery included)	1
2	Charging Home Base	1
3	Remote Control (battery not included)	1
4	Power Adapter	1
5	Cleaning Tool	1
6	User Manual	1
7	Extra Side Brushe	1 for each
8	High-performance Filters	2

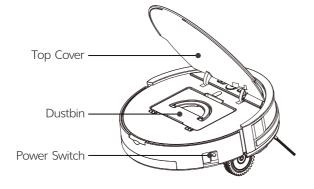




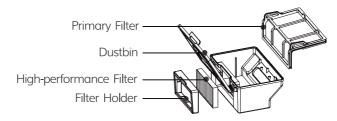
# Robot anatomy



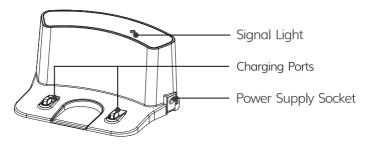




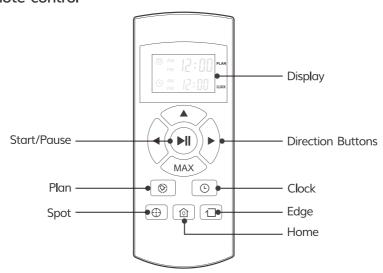




# Charging home base



### Remote control





# **CLEAN** button signals

Robot Status	Light signal		
Charging	Middle light in orange flash steadily		
Charging finished	All lights off		
In selected mode	Three lights flash in green		
Malfunctioning	Middle light flash slowly in red		
Low battery	Middle light in orange turns solid		
In home mode	Home button turns solid		
In cleaning mode	Middle light in green turns solid		
In edge mode	Middle light in green turns solid		
In spot mode	Spot button turns solid		



## Remote control operation

- 1 Start/Pause (NII)
  - To start cleaning in selected mode.
  - To stop current cleaning cycle.
  - To change from sleep mode to selected mode.

### 2 Direction Buttons

### A. " A " Button

- To increase minute and hour setting in schedule or clock mode.
- To move the robot forward in selected mode.
- To stop the robot when it hits against objects.

#### B. "MAX" Button

- To decrease minute and hour setting in schedule or clock mode.
- To move robot backward in selected mode.
- To maximize vacuuming power.

#### C. " " Button

- To change from minute to hour in schedule or clock mode.
- To turn the robot left.

#### D. " > " Button

- To change from minute to hour in schedule or clock mode.
- To turn the robot right.

# 3 "Plan" Button 🕲

- To enter schedule mode when robot is in selected mode.
- To confirm scheduled cleaning.

# 4 "Clock" Button (9)

- To enter clock mode when robot is in selected mode.
- To confirm time setting.

# 5 "HOME" Button

To return robot to charging home base.



6 "Edge" Button 🗇

To clean along the edge of the walls.

7 "Spot" Button 🕀

To start cleaning specific areas.

8 00:00 <sup>⊗</sup> M [2:00

To display scheduled time.

9 00:00 ° AM 12:00

To display clock.

#### Note:

- 1. Place two AAA batteries into the remote control.
- 2. Remove batteries if the remote control will not be used for a long time.

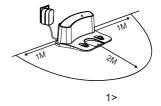


# **Product Operation**

### 1. Getting started

 Place the charging home base on the floor and plug in the adapter. Signal light on charging base will turn solid.

**Note:** Put charging home base against a wall and remove obstacles about 1 meter on both sides and about 2 meters in front.



2>. Display panel will flash after power switch (near power socket) is turned on. (If no command is received, the robot will switch to sleep mode after 45 seconds.)

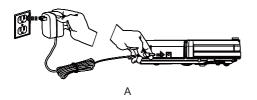
**Note:** A. Always keep the power switch on, otherwise the robot will not work. B. If power switch is turned off, all scheduled cleaning will be lost.

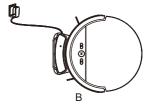
**Caution:** Before charging the robot, make sure the power switch is turned on, or the robot will not be charged.

#### 3>. Robot can be recharged by:

A. plugging into an outlet;

B. pressing (a) button on remote control – the robot will return to charging home base for auto recharge.





## Extending battery life:

- A. Before first use, charge the robot overnight. When charging is finished, light at main button will turn off.
- B. Always place the robot on charging home base that is connected to power.
- C. If the robot will not be used for a long time, fully recharge the robot and turn the power switch off before storing it in a cool, dry place.

### 4>. Auto charging

The robot will automatically return to the charging home base when its battery runs low.



# **Product Operation**

### 2. Start/Pause/Sleep

**Sleep mode:** robot is not working, light at HOME button is off and power switch is on. **Selected mode:** robot is not working, green light at HOME button flashes. **Cleaning mode:** robot is working, green light at HOME button turns solid.

#### 1>. Start

A. Make sure the power switch is turned on.

B. Press (NI) button on robot or remote control to start cleaning.

Note: If robot is in sleep mode, press 📵 button to reactivate it. Press 闻 button again to start the operation.

#### 2>. Pause

Press (\*1) button on robot or remote control to change robot from Clean mode to selected mode.

**Note:** When robot is paused, press (>II) button to resume the operation.

#### 3>. Sleep

To switch the robot from selected mode to sleep mode:

A. Press and hold (I) button on robot for 3 seconds.

B. Robot automatically enters sleep mode if no command is received after 15 seconds.

### 3. Schedule

You can preset a cleaning routine for your robot.

**Note:** Reset the clock and reschedule a cleaning cycle after replacing battery. Robot will only start cleaning automatically after the clock and schedule are set.

#### Set the clock

- 1. Point the remote control at robot (make sure the power switch is on).
- 2. Press 🕒 button and adjust to your local time.
- 3. Press 🕒 button again to save the setting.
- 4. Turn off power switch on robot to cancel the schedule.

#### Set a schedule

Robot starts a cleaning schedule only when its power switch is on.

- 1. Point the remote control at robot.
- 2. Press 🕲 button and adjust time with direction buttons.



# **Product Operation**

- 3. Press Dutton to save the setting.
- 4. Turn off the robot to cancel the schedule.

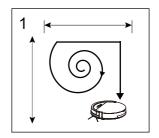
**Note:** Successful clock and schedule settings will be confirmed by a "beep" sound. Reset the schedule if there is no sound confirmation.

## 4. Cleaning modes

#### 1>. Auto cleaning

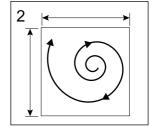
In Auto Cleaning mode, robot automatically cleans the areas it can reach.

Note: Press (\*) button on robot or remote control to start Auto Cleaning.



#### 2>. Spot cleaning

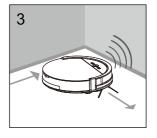
- Point remote control at robot and press button while it is cleaning. Robot will clean around a circular route and return to Auto Clean mode after Spot cleaning is finished.
- Point remote control at robot and press button when robot is in selected mode. Robot will clean around a circular route and return to selected mode after Spot cleaning is finished.



### 3>. Edge cleaning

To start edge cleaning, put the robot near the edge of a wall and press 1 button on remote control.

Note: Edge cleaning will automatically stop if the robot cannot detect any edges. To stop edge cleaning manually, press (II) button.





# Maintenance

#### 1. Side brushes

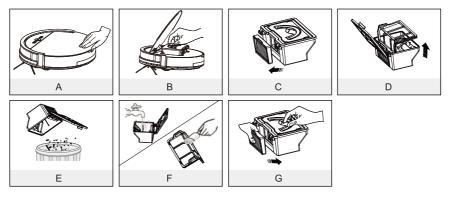
Clean the side brushes when they get dirty. Replace them if they are damaged.

**Note:** When replacing the side brushes, make sure they are installed according to the "L" and "R" marks on both sides of the brush and the base of the robot.

#### 2. Dustbin and filter

Follow the below steps to empty and clean the dustbin after each use.

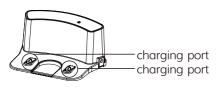
- Take out the dustbin and clean dust or debris in the suction opening.
- Clean the high-performance filter after 15-30 days of use. Replace it no more than 6 months of use.
- Do not reinstall the high-performance filter and primary filters when they are still wet.
- Replace the high-performance filter and primary filter if needed.



## 3. Cliff sensors and auto charging ports

Gently clean the sensor lens and auto charging ports with a soft dry cloth.





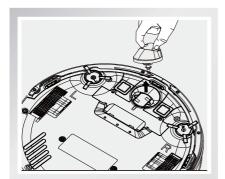


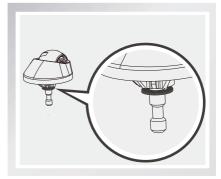
# Maintenance

### 4. Front wheel

Make sure the front wheel is clean to avoid lowered cleaning performance:

- (1) Pull the wheel up and out vertically and clean it. Also check if the gasket is worn.
- (2) Ensure that the gasket is properly installed after cleaning the front wheel.







# **Troubleshooting**

## Error codes

The robot will remind you by beeping when it is malfunctioning.

#### Short tones

NO.	Tone	Possible Cause	What to do
01	•	Wheels or side brushes problems	Check wheels and side brushes
02	• •	Cliff sensor or bumper sensor failure	Clean cliff sensor     Gently shake the bumper to check if there's anything stuck in it
03	• • •	Robot gets stuck	Pick up robot and restart

Note: If none of the above solutions works, try the following:

- 1. Turn power switch off and on to reset the robot.
- 2. If resetting doesn't help, contact the seller for repair service.



# Troubleshooting

# **Error symptoms**

Symptoms	Possible Cause	Solution
Circle around a small area	Side wheels are jammed	Remove hair and debris from side wheels While reinstalling, push the wheels in and out to make sure they can rotate freely Restart robot in another spot
Keep moving backward	A Cliff sensor is dirty or broken	Check cliff sensor lens. Clean or replace it if needed
Bump into obstacles repeatedly	The bumper is stucked	- Tap the bumper 10-20 times to remove debris lodged in it - Loosen the screw of the bumper
Working time shortened	- Battery capacity dropped - Robot is not fully charged	- Replace battery - Recharge robot
CLEAN button light is off while charging	- Hair or small debris stuck in charging ports - Robot is not properly connected to charging ports	- Clean charging ports - Check if robot is connected to charging ports
Pick up less dirt and debris	Filter is dirty or wet	Clean or replace filter
Spit out litter	Dustbin is full	Empty the dustbin
Robot doesn't start at scheduled time	- Schedule was not saved successfully - Schedule was canceled after you restarted robot - Power Switch is off - Battery is low - Debris jammed in components	Reset schedule. Wait for a beep to confirm completion of scheduling Turn on the power switch on robot Keep robot's power switch on and put it on charging home base to make sure robot is fully charged for the next job Turn off the power switch on robot and empty the dustbin Clean side brushes and main brushes



# **Product Specifications**

Classification	Specification	Detail	
	Diameter	300mm	
Mechanical	Height	77mm	
	Net weight	2.16kg	
	Voltage	14.4V - 14.8V	
Electrical	Battery type	Li-ion 2600mAh	
Licetrical	Power	20W	
	Charging type	Auto / Manual	
	Capacity of dustbin	0.3 L	
Classins	Cleaning modes	Auto/Spot/Edge/Schedule	
Cleaning	Duration per recharge	About 280 mins	
	Duration per cleaning	Up to 90 minutes	
Main Body Button		Mechanical Button	

Remark: The storage temperature of this product is between -10°C and 40°C.