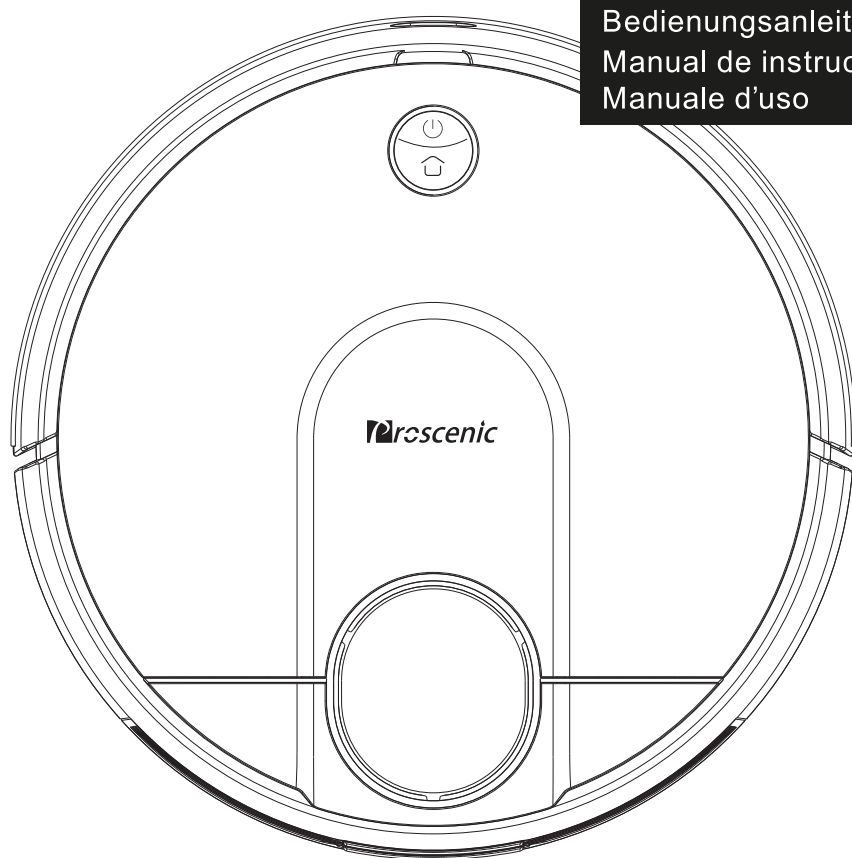




Operating manual  
Manuel d'utilisation  
Bedienungsanleitung  
Manual de instrucciones  
Manuale d'uso



LDS M7



GB4706.1-2005 ; GB4706.7-2014 ;  
GB4343.1-2009 ; GB17625.1-2012

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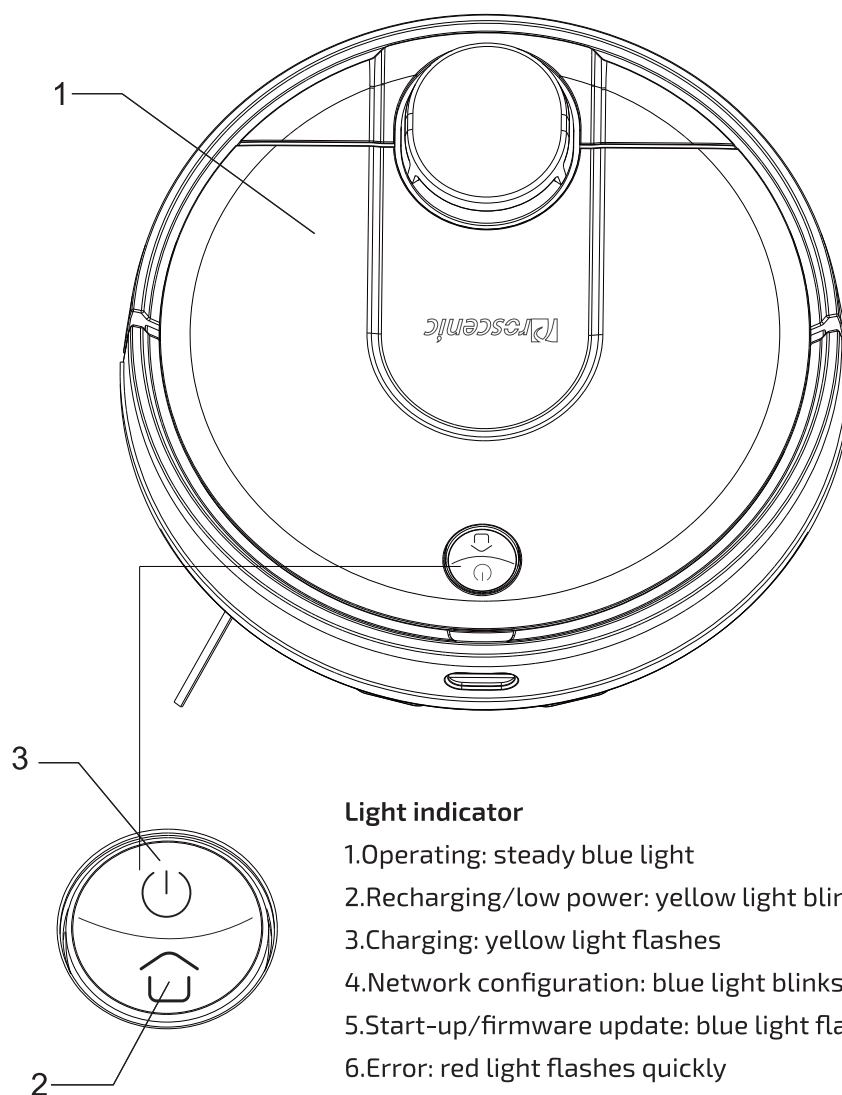
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## 1.PARTS AND COMPONENTS

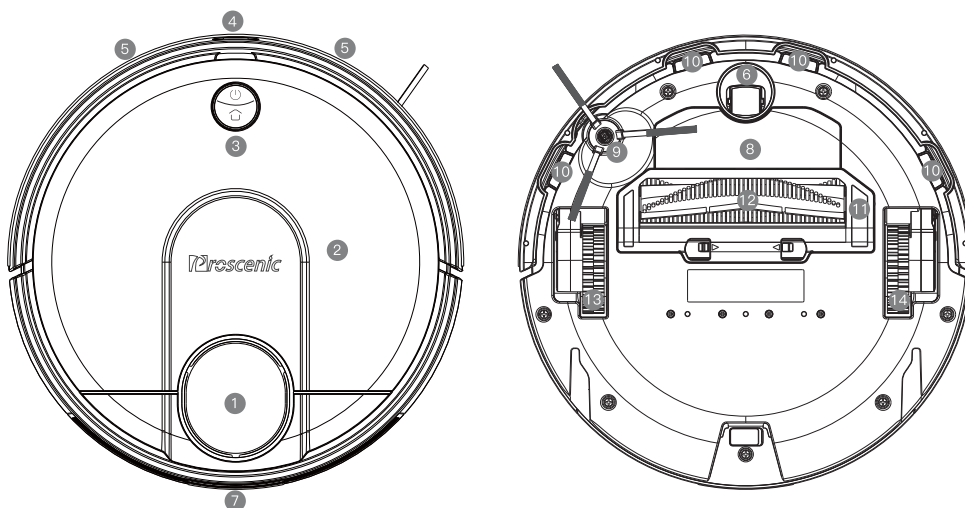
### Main body

- 1.Cover
- 2.Back home : Home
- 3.Power button/Automatic cleaning



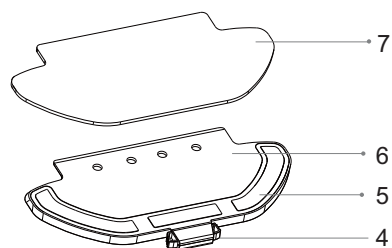
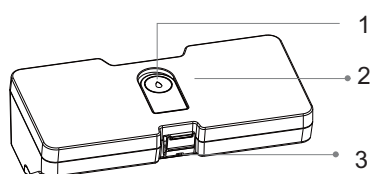
### Light indicator

- 1.Operating: steady blue light
- 2.Recharging/low power: yellow light blinks slowly
- 3.Charging: yellow light flashes
- 4.Network configuration: blue light blinks slowly
- 5.Start-up/firmware update: blue light flashes
- 6.Error: red light flashes quickly



#### Main body and sensors

- |                    |                          |                      |                 |
|--------------------|--------------------------|----------------------|-----------------|
| 1. Laser radar     | 5. Collision sensor      | 9. Side brush        | 13. Left wheel  |
| 2. Surface cover   | 6. Omnidirectional wheel | 10. Free-fall sensor | 14. Right wheel |
| 3. Button          | 7. Charging terminals    | 11. Main brush cover |                 |
| 4. Infrared sensor | 8. Battery               | 12. Main brush       |                 |

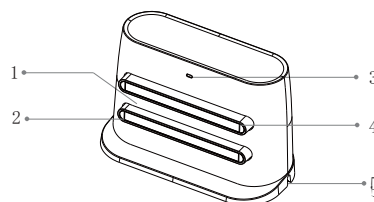


#### Water tank

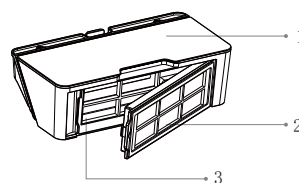
- |                              |                                |                 |
|------------------------------|--------------------------------|-----------------|
| 1. Water inlet               | 4. Mop bracelet release button | 6. Mop bracelet |
| 2. Water tank                |                                | 7. Mop          |
| 3. Water tank release button | 5. Velcro                      |                 |

**Charginng base**

- 1.Signal receptor
- 2.Charging terminals
- 3.Charge indicator
- 4.Power socket
- 5.Cable slot

**Dust Bin**

- 1.Dustbin
  - 2.HEPA
  - 3.Filter mesh
2. Safety instructions

**2. Safety insturctions**

Read these instructions thoroughly before using the appliance. Keep this instruction manual for future reference or new users.

- This product must be used in accordance with the directions in this instruction manual. Proscenic cannot be held liable or responsible for any damages or injuries caused by improper use.
- Make sure that the mains voltage matches the voltage stated on the rating label of the appliance and that the wall outlet is grounded.
- This product can only be disassembled by qualified personnel.
- Do not touch wires, power supplies or power adapters with wet hands.
- Keep the robot away from clothing, curtains and any other similar materials.
- Do not sit or place heavy or sharp objects on top of the appliance.
- Do not operate the appliance close to heat sources, flammable substances, wet surfaces where it can fall or be pushed into water or allow it to come into contact with water or other liquids. Do not operate outdoors.
- Do not use the charging base if it has a damaged cord or plug or if it is not operating properly. In case of fault or malfunction, contact the official Technical Support Service of Proscenic.
- Do not operate the device on tables, chairs or other high surfaces where it could fall.
- Do not use the laser protection as a handle to move the robot.
- Do not operate the product in places where the temperature is below 0 °C or above 40 °C.
- The appliance can only be operated with the provided battery and power adapter. The use of other components or accessories could cause risk of fire, electric shock or product damage.
- Do not use the device to vacuum flammable or burning objects such as cigarettes, matches or ash.


children over the age of 8, as long as they are given continuous supervision.

- This appliance can be used by children aged 8 and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, as long as they have been given supervision or instruction concerning the use of the appliance in a safe way.

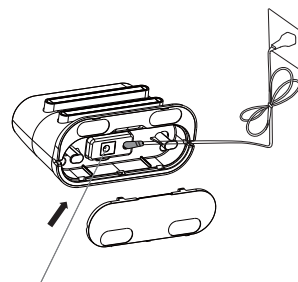
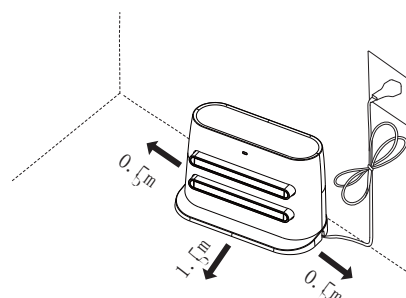
### 3. BEFORE USE

1. Place the charging base against the wall, leaving the safety distance indicated in the below picture, and connect it to a power supply.

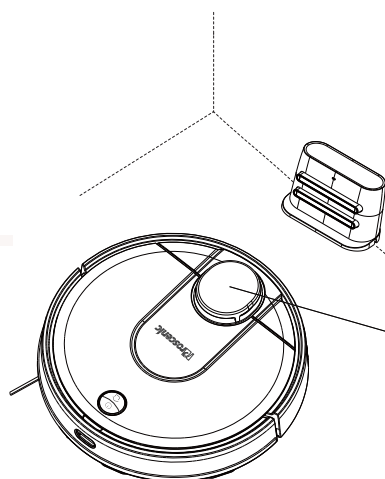
Warning: do not expose the charging base to direct sunlight.

2. Press the  button for 3 seconds, when the light indicator remains steady place the robot on the charging base.

- Take the robot to the charging base if the battery is low. The robot might not turn on if the battery is very low.
- The robot cannot be turned off during charging.



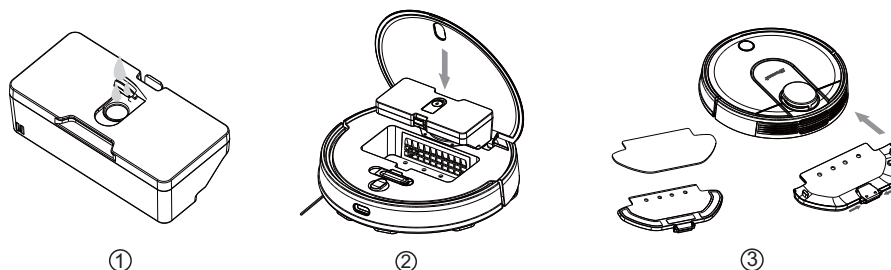
Wind the remaining cable onto the charging base's bottom part.



- Steady blue light: ON/Operating
- Yellow light flashes: charging
- Red light blinks: error

### 3. Install the water tank

Note: it is not suggested to use the mopping function for the first-time use.



1. Open the water tank's rubber lid, fill it up with water and close it again.

2. Install the water tank into the robot in the indicated direction; confirm that the clip is properly installed.

Tips: Add some cleaning agent if considered necessary.

3. Attach the mopping cloth to the bottom part of the mop bracelet and push it into its correct position until you hear a click indicating it is properly fixed.

Note: remove the water tank when the robot is charging or not in use.

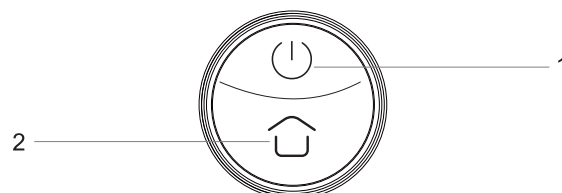
#### Warnings:

- The excess of cleaning agents might cause filter damage.
- In order to achieve perfect mopping, it is suggested to moisten the mop before using it.
- If carpets are used in the house, please set virtual walls in the App.


## 4. OPERATION

- Once the robot's light indicator changes from blinking yellow to steady blue, the battery is fully charged and the robot is ready to operate.
- Once the App is installed, the robot can be operated directly from the mobile phone.
- The robot cannot operate with low battery.
- Remove all cables and obstacles from the floor before operating the robot in order to avoid accidents and damage.

## 4.1 ROBOT BUTTONS



### 1.AUTO mode

Press  on the robot for it to start cleaning automatically in zig-zag, recognizing which areas it has cleaned and which ones it has not.

The robot will plan the cleaning route automatically as it is cleaning. If during this mode the robot is directed manually, it will re-plan the route and could repeat already -cleaned areas. In order to ensure efficient cleaning, do not operate it manually during auto mode cleaning.

If the battery is low during the cleaning cycle, the robot will smartly return to the charging base automatically and, once it is fully charged, it will resume the cleaning from the same point, offering a high-efficiency cleaning.

During the cleaning, the robot will make a brief stop to evaluate the area and plan the cleaning route (this stop will vary depending on the house conditions).

Note: it is suggested to use the auto mode when cleaning carpets.

### 2.Back-home mode

Press the HOME button on the robot in order to send the robot to the charging base.

This mode can be activated during any other cleaning cycle and the robot will automatically return to the charging base and stop the cleaning process.

The robot will take the shortest route back to the charging base thanks to its map memorizing and the smart back-home function.

When a cleaning cycle has been completed or the robot's battery is low, the robot will also return to the charging base to avoid running out of battery.

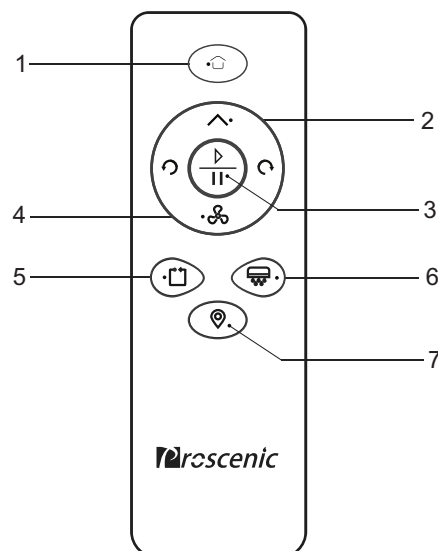
### Warnings:

- Remove the water tank during charge.
- If there are obstacles in the room being cleaned, the robot might not be able to reach the charging base. In this case, take the robot manually.




## 4.2.REMOTE CONTROL


- 1.Back home
- 2.Manual control
- 3.On/Pause
- 4.Power levels (Turbo/Normal/Eco)
- 5.Edge mode
- 6.Mopping mode
- 7.Find your robot

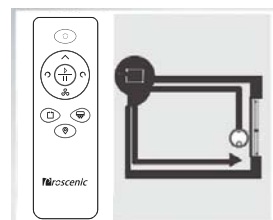


•The following operation and modes can be activated from the remote control.

### EDGE MODE

Press the  on the remote control for the robot to start cleaning under this mode. It will automatically start cleaning along walls, around furniture etc.

Note: press  button to switch between the 3 modes: Turbo/Normal/Eco





### MOPPING MODE


Press the  on the remote control for the robot to start mopping under this mode.

Note: confirm that the water tank and mop bracelet are properly installed.

### PAUSE

While the robot is operating, press  on the App, the remote control or on the robot to pause it and press  to resume cleaning.


### SLEEPING

The robot will automatically enter sleeping mode after 5 minutes of no operation. Press  on the App, the remote control or on the robot to start it up again.


**Warning:**

- After 12 hours of no operation, the robot will automatically turn off.
- The robot will not enter sleeping mode during charging.

**SUCTION POWER LEVEL POWER**

Press  on the remote control to select the desired power level. Choose between Eco (low power), Normal (medium power) and Turbo (maximum power).

**FIND YOUR ROBOT**

Press  on the remote control to find your robot and there will be a voice prompt locating your robot.

**4.3 APP**

In order to access all the robot's functions from anywhere, it is suggested to download the Proscenic Home App. You will be able to control the robot in the most efficient way, enjoying the excellence of cleaning.

**App advantages:**

- Control your robot in an easy and intuitive way.
- Activate the cleaning process from any point.
- Carry out settings and daily scheduling.
- Choose between its different cleaning modes.
- View how the robot creates an interactive map before it starts cleaning.
- Draw in the App's display the restricted area where you do not want the robot to access.
- Order the robot to clean a specific spot of your home.
- Check the cleaned surface and the time taken.
- Check the cleaning history.

**Configuration:**

- Download the Proscenic Home App from App Store or Google Play.
- Create an account with your e-mail and a password.
- Confirm login.
- Add your robot.
- Connect to Wi-Fi.



**Note:**

App unbinding: Press the Recharge Button for 5s and release it when a sound is heard; then press the Recharge Button again for 5s, and the voice prompt "Initialization starts / Initialization successful" will be heard.

**Warning**

- The App does not support 5G networks.
- The Wi-Fi name and password cannot exceed 32 bits.
- If the network configuration fails to connect, follow the below steps:
  - 1.Press the start button for 5 seconds, the robot will enter sleeping mode and the Wi-Fi light indicator will blink fast indicating connection error. Retry connecting the robot again following the steps in the before section.
  - 2.If the connection fails again, check if:
    - a)The robot is too far away from the router.
    - b)The Wi-Fi password is incorrect.
    - c)The Wi-Fi networks is not 2.4G Hz.

**More funtions with APP:****Do Not Disturb (DND) mode**

In the DND period , the robot will not respond to Resume Cleaning, Scheduled Cleaning or give voice prompts. The DND mode is enabled during 22:00-07:00 by default, and can be disabled via the App on the mobile phone.

**User-defined area**

With the App, you can define the areas to be cleaned, and the robot will clean these areas.

**Clean designated area**

With the App, you can designate a target position on the map. The robot will automatically plan the route to the designated position and start cleaning in 2\*2 square areas.

**Scheduled cleaning**

With the App, you can schedule the cleaning. The robot will start cleaning at the designated time, and automatically return to the charging dock after cleaning

**Virtual walls**

With the App, you can set Virtual Walls to prevent the robot from entering areas that do not require cleaning.

**Map memorization**

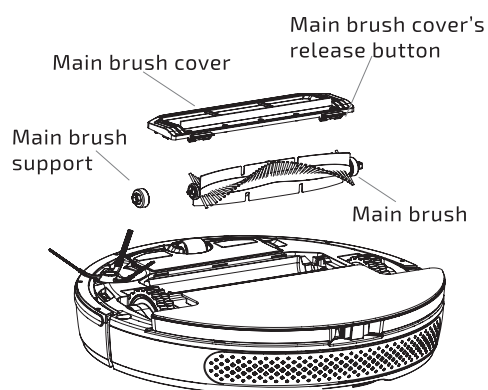
If Memorize Map is enabled in the App, the robot will save the updated map and virtual walls after cleaning and successful recharging.

## 5. CLEANING AND MAINTENANCE

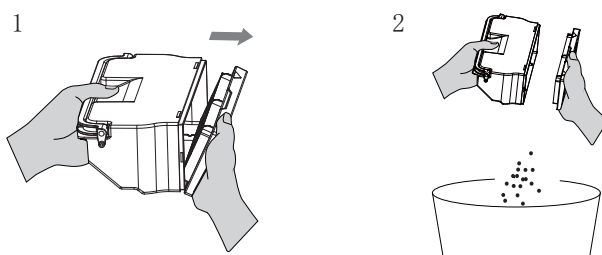
### MAIN BRUSH

Remove and clean the main brush regularly.

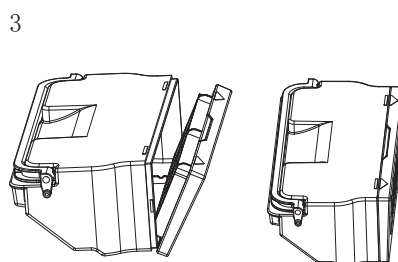
1. Press the main brush's release button and take the cover out.
2. Take the main brush out and clean the compartment.
3. Clean the main brush with the provided tools and use water and soap if necessary.
4. Place the main brush in its position again and fix it properly.



### DUST TANK

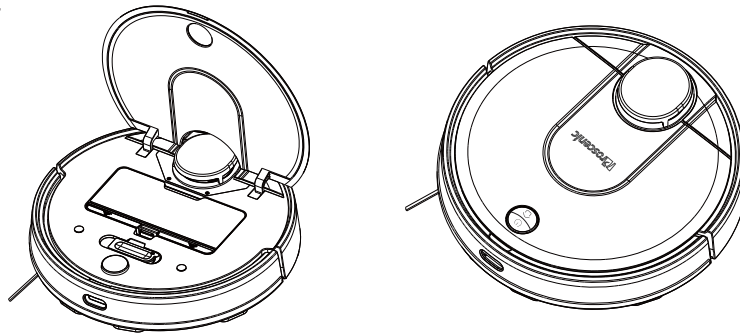


1. Remove the robot's cover and take out the dust tank.
2. Take the HEPA filter's cover out and empty the dust.



3. Use the cleaning brush to clean the dustbin, and put back the HEPA component.

4

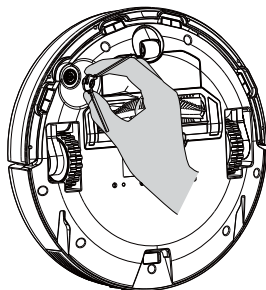
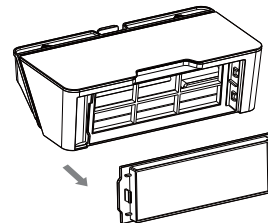


4. Place the dust tank back into the robot, fold the handle down and put the cover back.

#### HEPA FILTER

Remove the HEPA filter and shake it to remove all the dust.

Note: Clean the filter periodically with a brush. Do not wash the filter with water.



#### SIDE BRUSH

Remove and clean the side brushes regularly.

Note: in order to ensure a perfect cleaning, it is suggested to replace the side brushes every 3 months.

### 6. BATTERY REPLACEMENT AND CHARGING

- Do not use any other battery, power adapter or charging base than the one provided.
- Do not dismantle or repair the battery or the charging base.
- Do not use a wet cloth to wipe any of the parts of this product.
- If the robot is not going to be used for a long time, remove the battery from the product and store it in a dry and safe place. It is suggested to charge the battery every month in order to avoid damage to the battery.

## 7. TROUBLESHOOTING

Fault prompt	Solution
Abnormality 1: Confirm that the laser radar is not blocked.	Check or clear foreign objects around the laser radar, or move the robot to a new position and restart it.
Abnormality 2: Wipe the free-fall sensor and move the robot to a new position for restart.	Wipe the free-fall sensor and retry (for the sensor position, please consult the Instruction Manual).
Abnormality 3: Intense magnetic field is detected. Please move to a new position and retry.	Move the robot to a new position and retry.
Abnormality 4: Please check and clear up foreign objects on the collision sensor.	Press the collision strip, clear foreign objects and restart.
Abnormality 5: Robot temperature is abnormal. Please wait until the temperature becomes normal.	The robot temperature is too high or too low. Wait until the temperature becomes normal before reuse.
Abnormality 6: Charging is abnormal. Please clear up the charging contact area.	Check whether the power adapter used is the one originally supplied with the product, and whether the charging dock is placed horizontally. Turn off the robot, cut off power supply to the charging dock, and wipe the metal contacts.

Common Problems	Solution
The robot does not start up	-The robot cannot operate when the battery is low. Allow it to charge before operating it. -The room temperature is below 0 °C or above 40 °C. Operate the robot in a room where the temperature is between 0 and 40 °C.
The robot cannot charge	Clean the charging terminals. Make sure the power switch is turned on.
The robot does not return to the charging base.	-There are many obstacles around the charging base, please place the charging base in an open and uncluttered area. -The robot is too far from the charging base, place it closer and try again.
The robot does not work properly	Turn the robot off, switch it off and turn it on again.
The robot emits a strange noise during cleaning.	The main brush, side brush or omnidirectional wheel may have foreign matters tangled, stop the robot and clear it up.
The robot does not clean efficiently or dust leaks from the robot.	-The dust tank is full. Empty it and clear the HEPA filter if it is blocked. -The main brush is tangled with foreign matter, please clear it up.
The robot could not connect to Wi-Fi	-The Wi-Fi signal is poor. Make sure the Wi-Fi signal is correct. -The Wi-Fi is unstable. Reset the router, check if there are any App updates and try again.
The robot did not carry out the scheduled cleaning	Check if the robot is in Night mode. The robot does not carry out scheduled cleaning cycles under this mode.
The robot does not return to the charging base after spot cleaning or after changing starting position.	- The robot will map and calculate a new route after operating under spot cleaning or after having changed its starting position. If the charging base is very far away from the robot, it will not be able to charge back automatically. Put the robot back on the charging base manually.

## 8. TECHNICAL SPECIFICATIONS

### Robot :

Name	Parameter
Over dimensions	ø350mmx94.5mm
Product weight	Approx. 3.27kg
Rated voltage	14.8V $\overline{=}$
Rated power	33W
Battery capacity	3200mAh
Over dimensions	153.9mmx74.6mmx99.5mm

### Charging Base :

Name	Parameter
Overall dimensions	153.9mm x 74.6mm x 99.5mm
RRated power	24W
Rated input	20V $\overline{=}$ 1.2A
Rated output	20V $\overline{=}$ 1.2A
Rated frequency	50/60Hz

## 9. DISPOSAL OF OLD ELECTRICAL APPLIANCES



The European directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), specifies that old household electrical appliances must not be disposed of with the normal unsorted municipal waste. Old appliances must be collected separately, in order to optimize the recovery and recycling of the materials they contain, and reduce the impact on human health and the environment.

The crossed out "wheeled bin" symbol on the product reminds you of your obligation to dispose of the appliance correctly. If the product has a built-in battery or uses batteries, they should be removed from the appliance and disposed of appropriately.

Consumers must contact their local authorities or retailer for information concerning the correct disposal of old appliances and/or their batteries.

## 10. TECHNICAL SUPPORT SERVICE AND WARRANTY

This product is under warranty for 12 months from the date of purchase, as long as the proof of purchase is submitted, the product is in perfect physical condition, and it has been given proper use, as explained in this instruction manual. The warranty will not cover the following situations:

- The product has been used for purposes other than those intended for it, misused, beaten, exposed to moisture, immersed in liquid or corrosive substances, as well as any other fault attributable to the customer.
- The product has been disassembled, modified, or repaired by persons, not authorised by the official Technical Support Service of Proscenic. Faults deriving from the normal wear and tear of its parts, due to use. The warranty service covers every manufacturing defects of your appliance for 12 months, based on current legislation, except consumable parts. In the event of misuse, the warranty will not apply. If at any moment you detect any problem with your product or have any doubt, do not hesitate to contact Proscenic Technical Support Service by Email: [service@proscenic.tw](mailto:service@proscenic.tw) or by contacting the online store where you purchased the robot.

## 11. FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.





## Customer Service

✉ Email:service@proscenic.tw

☎ Customer service hotline:

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