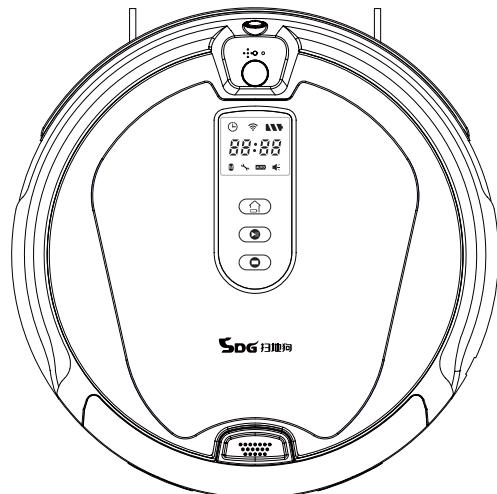




Smart Wifi Robotic cleaner with HD camera

User Manual

S007



Thank you for purchasing our products. Please read all the instructions before attempting to operate this product and save this instruction manual for future reference.

Table of contents:

1.Safety instruction	1–3
1.1 About the instruction manual	1
1.2 About power supply	1
1.3 Suitable usage	2
1.4 Attention before use	3
1.5 Attention for children	3
1.6 About rechargeable battery and disposal	4
1.7 About package	4
1.8 Technical support	4
2.Components of cleaner	5–6
2.1 Parts name	5
2.2 Power rated	6
3.Charging base	6–7
4.Operation instruction	7–9
4.1 Display screen and control panel	7
4.2 Switch on the unit	8
4.3 Stop the unit	8
4.4 Sleep mode	8
4.5 Pre-set timer	9
4.6 Full-go	9
5.Cleaning modes	10
5.1 Auto mode	10
5.2 Spot mode	10
5.3 Mopping	10
6.Maintenance	11–14
6.1 Cleaning the dust box and filter	11
6.2 Cleaning the infrared receiver and charging connector	12
6.3 Cleaning the side brushes or replacement	12
6.4 Cleaning the fabric brush	13
6.5 Assembly the trailing bar and mop pad	14
7.Failure checking	15
8.Trouble shooting	16



Do not use the cleaner on small table and chair or other small space without protection railings, or use it hung in the air, the unit may damage.

1.1 About the instruction manual

Read the instruction carefully before use:

- Read the instruction carefully, and following the step to operate the unit.
- Keep this instruction manual for further reference.
- If you transfer the unit to other people, send it with instruction manual.
- Do not operate the unit that not mentioned in this instruction manual.

1.2 About power supply

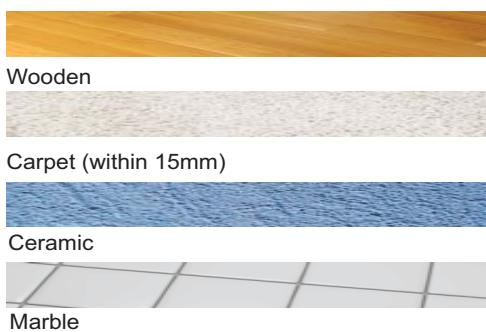
Please use the original parts and battery, otherwise the unit may be damaged. Stop using the unit, If the AC-DC adaptor and cord was damaged. Contact the service center for repair or replace.

- Do not pull the power cord to moving the unit or charging base.
- Do not use the wet hand to touch or operate the unit and plug.
- And do not place the electrical cord under a cover. Do not overlay the cord with little covers or such element. Place the cord in an area where there are not any risk to stumble over it.
- Disconnect the charging base or unit when not in use.
- Keep the connection jack clean and dry to avoid bad contact of the power supply.

1.3 Suitable usage

Suitable use area:

The unit just suitable to use indoor. And it can cleaning the wooden floor, compound floor, plastic floor, ceramic floor, marble floor, carpet (within 15mm), etc..



Not suitable area:

- Do not use in outdoor, commercial and industrial area.
- Do not use in wet floor and wet area, such as toilet, or cleaning any liquors.
- Do not use the cleaner to clean huge amount of dust, shape objects, such as glass, nail, etc. it may damage the unit and the warranty will be voided.
- Do not approach cigarette, lighter, match and other heat objects or combustible materials such as gasoline cleaner, it may cause explosion.
- Do not use it hung in the air or in stairs, the unit may falling down and cause damage and injured.
- Do not use it in cold and extremely hot area (over 50°C).

1.4 Attention before use

- Remove all easy damaged objects (including luminous objects, fabrics, glass bottles, etc.) before using, it may cause damage to these objects or affecting the using of cleaner.

- To ensure the cleaner operating smoothly, please follow:
 - Remove the easy damage objects to a safety area.
 - Beware of the tablecloth and window curtains, make sure it above the floor.
 - Beware of the edge of the carpet has no wind around it.
 - Remove all cigarette, lighter etc. before use the cleaner.
 - Clean and storage well the power cord and removable objects before use.
 - Remove the new paper, books and large rubbish before use.

- Check the fabric brush and dust box is assembly well.

- Check the ground detection sensors are clean.

- If just clean the bedroom, close the door.

- If need to clean the bottom side of the sofa, bed, but the cleaner cannot get in, pad the sofa or bed before use.

- Inform the family members that the cleaner is working, and beware it to avoid damage and injured.

1.5 Attention for children

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- Storage the cleaner well and far away from children.

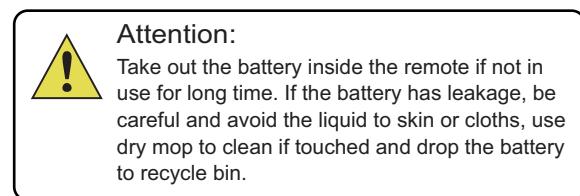
- Children should be supervised to ensure that they do not play with the appliance.

- Unit protected by plastic bag, and plastic bags can be dangerous. To avoid danger of suffocation, keep this bag away from babies and children.

1.6 About rechargeable battery and disposal



- Use the original battery only, wrong use of other battery will cause explosion, if you need to replace the battery please contact your local dealer.
- It is dangerous to use the imitative battery or accessories, and the warranty will void if you do so.
- The battery should be recycled with safe disposal. Please don't discard it freely or throw it into fire for fear of explosion!



1.7 About packing

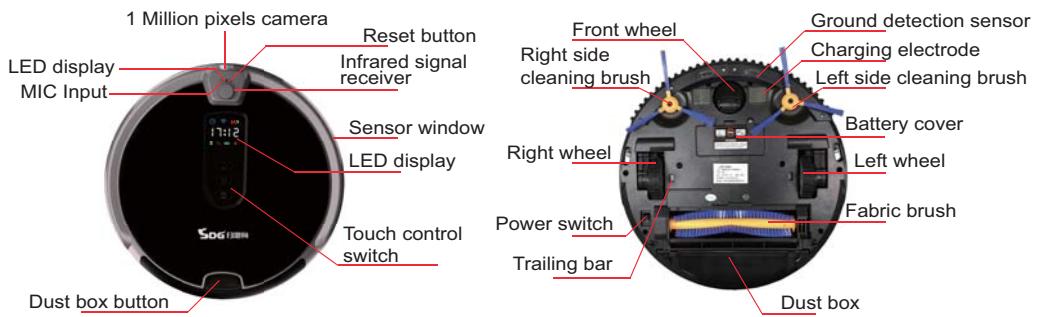


- Don't put the packaging material products as household garbage discarded.
- Please put the packaging material to the recycling point properly so as to be able to once again make use of these resources.

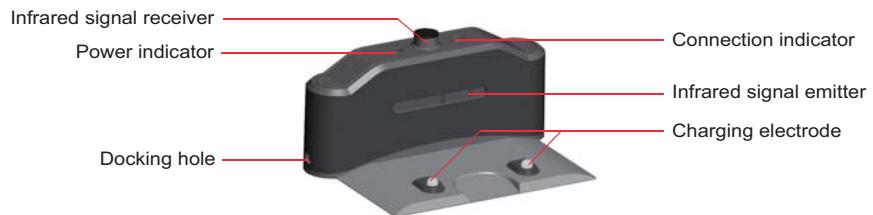
1.8 Technical support

- No one else can disassemble, maintain or transform the product except our service center, it may cause fire, electric shock or personal injury.
- Please contact our service center for product support and maintenance service.

2.1 Parts name



Charging station



Remote control

1. On/off switch (cancel key)
2. Powerful cleaning / Sun
3. Turn left button
4. Forward button / Mon
5. Turn right button
6. Backward button / Tues
7. Full-Go, auto cleaning after fully charged
Open/Close voice.
8. Spot cleaning mode / Thur
9. Auto cleaning mode / Wed
10. Mopping mode / Sat
11. Auto recharge button / Fri
12. Timer setting
13. Clock setting (current time setting)



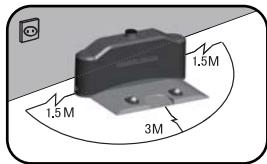
2.2 Power rated

Specification	Rating
Voltage of the unit (V)	DC 14.8V
Power rated of the unit (W)	24W
Adaptor output (V)	DC 19V
Adaptor output (mA)	1000mA

Note: Suitable storage temperature from -20°C to 50°C

* We reserve the right to change the product specification without notice.

3.1 Position the charging base

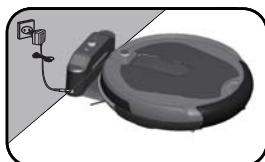


Install the charging station on the flat ground firmly and against the vertical wall (fixed on the wall with the charging station sticker). Ensure no obstacle or hollow areas 3m away from the charging station in front and 1.5m on right and left.



3.2 Two charging methods

- Connect the AC-DC adaptor with the charging hole on unit

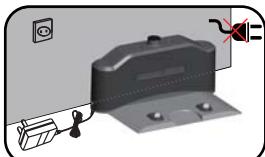
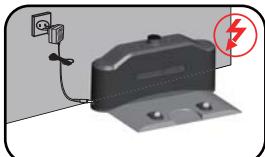


- Control the unit return to the charging station under stand-by or working mode. (press the auto recharge button on remote or unit.)

3.4 Auto recharge

Connected the charging station, the cleaner will auto return to charging station when power low.

Pls be noted the signal range of the charging station is 7M, at an angle of about 35 degrees. If beyond the range, robot will go to search the signal along the wall till power off.



Attention:

Please keep the charging station well connected with power socket, otherwise, the cleaner cannot find charging station to perform auto recharge.

* Switch off the power switch on unit when not in use, and disconnect with the charging.

4.1 Display screen and control panel

Display screen



Control panel



Auto recharge Auto cleaning Mopping

1. Press auto recharge the unit will auto return to the connected charging base.
2. Press auto cleaning the unit will perform auto cleaning until power low.
3. Press mopping and use with trailing bap and mop pad, the unit will perform mopping.

Note: under auto recharge, auto cleaning, mopping operating mode, press any key to stop working.

4.2 Switch on unit

- Turn on the power switch on the bottom of the unit, LED display flashing, and now under stand-by mode.
- Ordering the unit by control panel or remote control.

Attention:



If the unit is under sleep mode, press any key to weak up the unit first, and then select the cleaning mode.

4.3 Stop

Stop means to stop the current working mode or change working mode.

- Press any key on the control panel to stop working

Attention:



After the unit is stopped, and change to other working mode.

4.4 Sleep mode

The unit is stop working and under sleep mode to save the energy, the display screen off.

- If the unit is idle for 1 minutes, the unit will switch to sleep mode automatically.
- Press the on/off switch on remote control, the unit will switch to sleep mode, and press any key to weak up the unit.

Attention:



Turn off the unit by switch off the power switch when not in use for long time.

4.5 Timer function

Set the timer under stand-by mode (stop any mode working), and set the current time (clock) before using the timer function.

Set the current time (Clock)

1. Press the “  ” button on remote control, the clock symbol display on screen.
2. Press “  ” “  ” button to select the hour or minute.
3. Press “  ” “  ” button to set the hour or minute.
4. After setting press the Clock button to confirm setting, clock symbol disappear.
5. You can press “  ” button to cancel the current setting.



Set the Timer

1. Press the “  ” button on remote control, the timer symbol display on screen.
2. Press “  ” “  ” button to select the hour or minute.
3. Press “  ” “  ” button to set the hour or minute.
4. After setting press the Timer button to confirm setting, timer symbol display on screen.
5. You can press “  ” button to cancel the current setting.



4.6 Full-Go mode

The unit will auto start auto cleaning after fully charge, and will return to charging base when power low, and will operate after full charge and repeat again.

Setting the full-go function

1. Press the “  ” button on remote control
2. And press the “ FULL-GO ” button on remote control, the full-go symbol display on screen, the full-go function activated.
3. You can press “  ” button to cancel the current setting.
4. Full-go function cannot work with Timer function, these two function need to separate to use.



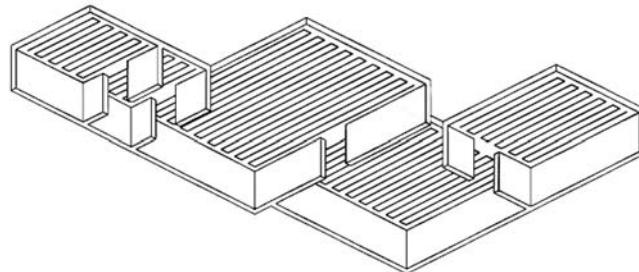


Attention:

Please make sure the dust box well assembly in the cleaner before use.

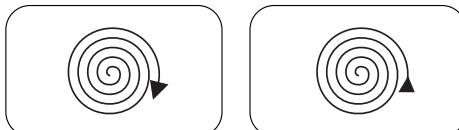
5.1 Auto mode

Clear up the gadgets or obstacles in the cleaning area before cleaning.



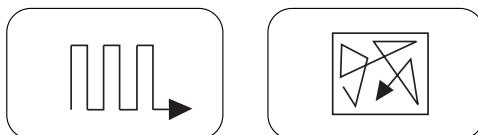
5.2 Spot mode

Press the Spot cleaning key, it will clean the area within 1m² and clean by spiral mode.
It will automatic operate in around 2-3 minutes.



5.3 Mopping mode

Assembly the trailing bar and mop pad before use this mode, and under this mode the vacuum cleaning mode will stop working (no suction power and fabric brush stop running).



Attention:

Do not assembly the tailing bar and mop pad under auto and spot cleaning mode!

6.1 Cleaning the dust box and filter

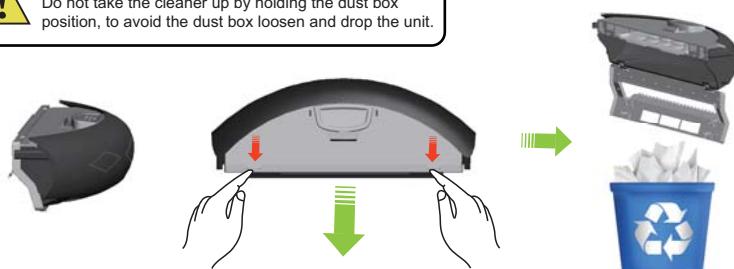


1. Press the dust box button, and pull the dust box out from the unit.



Attention:

Do not take the cleaner up by holding the dust box position, to avoid the dust box loosen and drop the unit.



2. Follow the figure to open the dust box cover and empty the dust box.



3. Pre-filter can washable, but dry it up before remount to the dust box.



4. Follow the figure to take out the HEPA filter, and clean it with bush.



Attention:

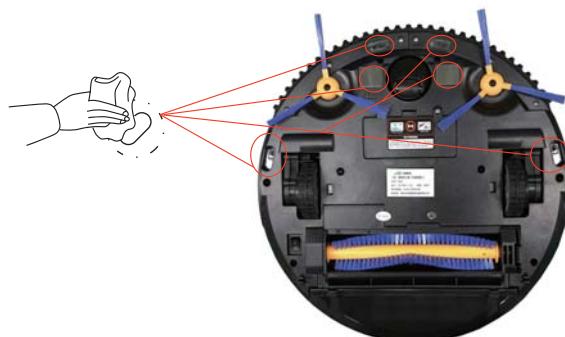
Do not wash the HEPA. And replace it 3-6 months.

6.2 Cleaning the infrared receiver and charging connector

Use the dry soft cloth to clean the sensor in front of the unit.



Use the dry soft cloth to clean the charging connector and the sensor in bottom.



Attention:

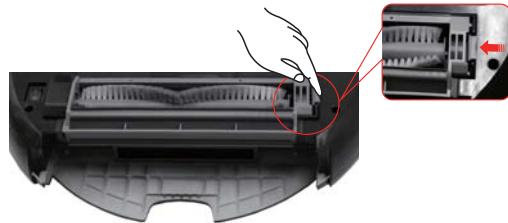
Please also clean the dust on charging base, to ensure it well contact with the unit.

6.3 Cleaning the side brushes or replacement

- Check the side brushes regularly, and clean the restrains that wind around the brush.
- Clean the side brushes by scissors and cloth.
- If the brush is damaged, please replace it.
 - Use the screw driver to take out the brush
 - Replace a new brush and use screw driver to secure it.



6.4 Cleaning the fabric brush



Attention:
Take out the dust box before take out the fabric bust.

1. Open the fabric brush buckle on the left side.



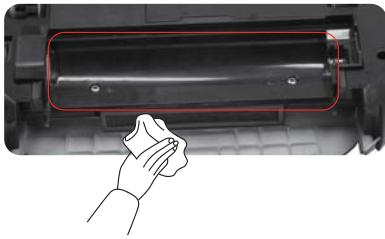
Attention:
Remount the brush to the unit, assembly the left side first.

2. Pull out the brush holder to right side.



Attention:
Beware of the bearing parts on right side.

3. Take out the fabric brush from holder.



4. Clean the brush holder by cloth.

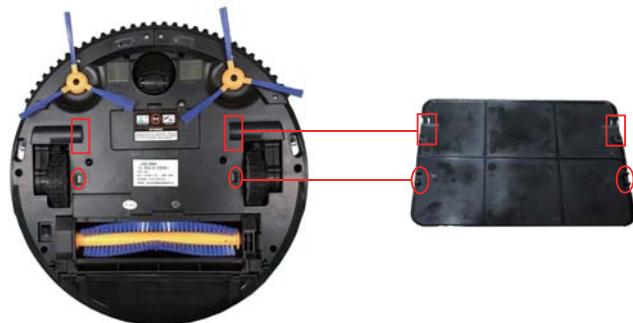
Attention:
clean the restrains that wind around the brush by scissors.



6.5 Assembly the trailing bar and mop pad



1. Mount the mop pad to the trailing bar.



2. Reverse the cleaner, assembly the trailing bar to the unit, beware of the direct is correct.



Attention:
Take out the mop pad before switch to other cleaning modes.

Failure Code	Failure Cause	How to solve
E001	Edge detection sensors	Clean the sensors on the bottom of the robot.
E002–E003	Collision detection sensors	Clean the sensors on the front of the robot.
E004,E009 E010–E011	Hardware malfunction	Please send to maintenance station.
E005,E014	Middle brush	Clean the rubbish such as hair ,thread wrapped on the brush.
E006	Fans system	Clean the foreign object in the fans or check if it's broken.
E008	Low battery	Use the adaptor to charge before use it again.
E012–E013	Wheel electric current beyond standard	Check the bottom of the cleaner, clean the rubbish.
E007	Left & right wheel float off	Check if the wheel float off the ground.
E015–E016	Li-ion Battery Error	Can't find the battery or battery failure.

Attention:



If the failure still exist, please try:

- Switch off the power switch and turn it on again.
- If restart the unit still cannot fix the failure, please contact the service center for checking.

The Cleaner doesn't work or clean poorly

1. Check whether is on the switch.
2. Check whether the dust box, filter and intake are clean, and whether the side brush works.
3. Check whether the battery voltage declines greatly.

The remote control doesn't work

1. Check the battery status of the remote control.
2. Check the battery status of the Robot.
3. Check whether the remote control is within the available scope of the signal transmitting.

The Cleaner can not charge automatically

1. Check whether the adaptor is connected well with the charger and whether power LED of the recharger lighting
2. Check whether the battery power is too low; if so, charge the Cleaner with the adaptor directly.
3. Make sure there is no barrier in front of the Docking Station .
4. Use the remote control to let the cleaner go back to the charging base.

Increased noise in cleaning

1. Clean the dust boxand filter.
2. Check whether the brush or side brush is too dirty.
3. If the noise still too loud, you may send back the cleaner to the after sale service maintenance to add Lubricants..

The Cleaner stops working suddenly and rings intermittently

1. Check whether the set cleaning time is over.
2. Check whether there are failure codes on the display by reference of the followings

The cleaner back off continuously

1. Avoid use in sunlight or dark color carpet .
2. Pat the front bumper..

The cleaner dropped from the stair

Clean the ground detection sensors at the front bottom of the cleaner

The cleaner can not Auto-Charging after didn't use in a long time

Use the adaptor to full charged first.

The cleaner stop to work , but no error code display

Don't disassemble and maintain it by yourself, contact the after sale service maintenance

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.

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. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation