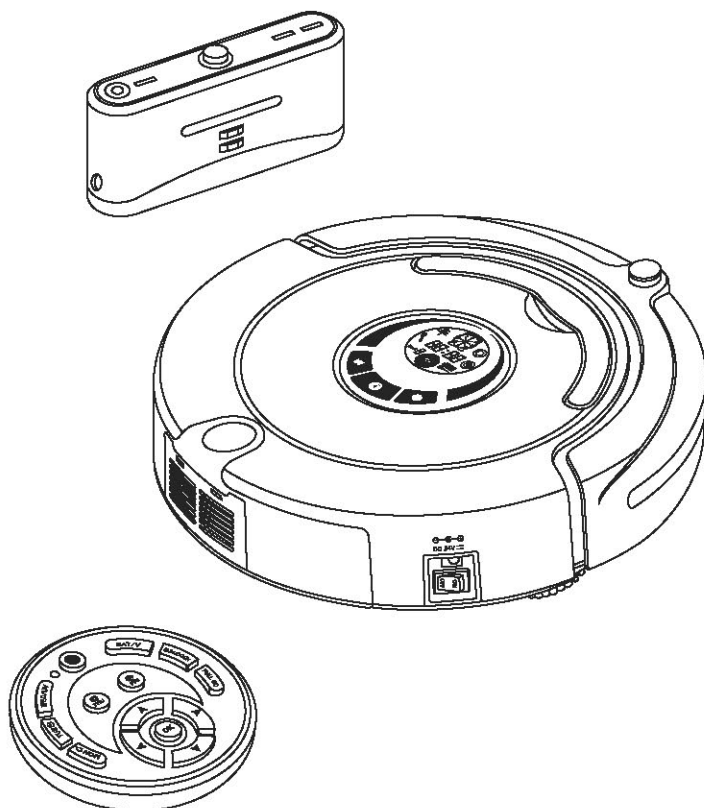


MULTIFUNCTION ROBOTIC AUTO VACUUM CLEANER







MODEL NO.: XR210
AUTO CHARGING WITH REMOTE CONTROLLER, MOP AND UV LAMP















Thank you for purchasing our new robotic vacuum cleaner XR210 ; please read carefully this manual before using !

Safety Precautions:

⚠ Caution

<p>No one else can disassemble, maintain or transform the product except the maintenance technicians designated by our company, or it may cause fire, electric shock or personal injury.</p>		<p>Don't use other charger but the equipped one of the Robot, or it may cause product damage, electric shock or fire due to high voltage.</p>	
<p>Don't touch high-voltage power cord of the electric appliance with your wet hand, or it may cause electric shock.</p>		<p>Don't bend the power cord overly or place weight on it, or it may cause power cord damage, fire or electric shock.</p>	
<p>Don't twist your clothes or any part of your body (head, finger, etc.) into the brush or wheel of the Robot, or it may cause personal injury.</p>		<p>Don't approach cigarette, lighter, match and other heat objects or combustible materials such as the gasoline cleaner.</p>	

⚠ Attention

<p>Don't forget to turn off the power while transporting or storing the cleaner for long, or the battery may be damaged.</p>		<p>Insert the power cord of the charger well or it may cause electric shock, short circuit, smoking or fire.</p>	
<p>Check whether the charger and socket is connected well, or it may cause charging failure or even fire.</p>		<p>Remove all easily damaged objects (including luminous objects, fabrics, glass bottles, etc.) before using, or it may cause damage to these objects or affect the using of the cleaner.</p>	
<p>Please use the Cleaner cautiously in the presence of the children to avoid frightening or harming them.</p>		<p>Don't stand or sit on the Cleaner, or it may cause damage to the Cleaner or personal injury.</p>	
<p>Don't make the Cleaner take in water and other liquors for fear of the product damage.</p>		<p>Don't use the Cleaner on small tables and chairs or other small space, otherwise the Cleaner may be damaged.</p>	
<p>Don't use the Cleaner outdoors, or it may cause the product damage.</p>		<p>Don't use the Cleaner in commercial places, or the Cleaner may be damaged by excessive use.</p>	
<p>Don't leave movable thread, wire and other objects with the length of more than 150mm on the ground or the brush may be entangled.</p>			
<p>The Cleaner is not for use of the disabled (people with physical or mental handicap), children and those who use the Cleaner before reading the User Manual carefully.</p>			

Contents

1. Applicability.....	3
2. Function Introduction.....	3
3. Components of the Cleaner.....	3
4. Introduction.....	3-12
i. Control Panel of Main Body.....	3
ii. Function Information of Display Interface.....	4
iii. Parts.....	5
iv. Installation of Auto Charging Docking Station and Charging for the Cleaner.....	6-7
v. Assembly & Disassembly and Cleaning of Dustbin.....	8-9
vi. Assembly & Disassembly and Cleaning of Main Brush and Floor Brush, side brush.....	9
vii. Assembly & Disassembly and Cleaning of Left/Right Wheel and Front Wheel.....	10-11
viii. Cleaning of Sensor and Infrared Transparent Window.....	11
5. Replacement of Battery.....	12
6. Remote Control.....	13-15
i. Control panel.....	13
ii. Using Method & Functional Status of Control Panel.....	13-15
7. Auto Charging Docking Station.....	16
i. Docking station Display and Control Panel.....	16
ii. Using Method & Functional Status of Docking Station.....	16
8. Space Isolator.....	17-18
i. Space Isolator Display and Control Panel.....	17
ii. Function Introduction of Space Isolator.....	17
iii. Using Method & Functional Status of Space Isolator.....	17
iv. Installation method of Space Isolator.....	18
9. Failure Checking.....	19-20
10. Technical Specifications.....	21-22

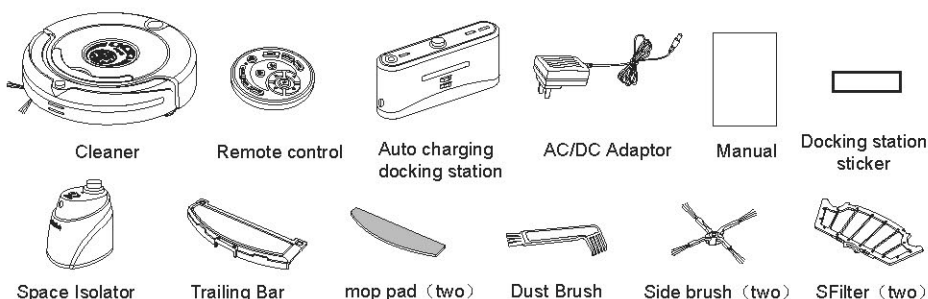
1. Applicability:

The product, mainly applicable to home, hotel rooms and small office, is good for cleaning to various short-haired carpet, wood floor, hard floor, ceramic tile, etc.

2. Function Introduction:


It is the new generation Robotic vacuum cleaner with rechargeable battery, controlled by advanced intelligent program ,with the following function: automatic vacuum cleaning, mopping, sterilizing, timing cleaning, "full go" cleaning, wireless remote control, speed selection; easy to use and clean .

3. Components of the cleaner:



4. Introduction:










i. Control Panel of Main Body:

Display Interface	LCD directive sign
	<p>Menu Display:</p> <ol style="list-style-type: none">1. 🕒 Date/week set display2. 🌀 Wheel rotation/speed display3. 🌳 UV lamp display4. 🕒 Auto cleaning display5. 🎯 Spot cleaning display6. 📅 Current week display7. 🛠 malfunction display8. 🔌 Charging/power display9. 🕒 Time/error code display <p>Touch key:</p> <ol style="list-style-type: none">1. UV UV lamp key2. 🕒 Auto cleaning key3. 🎯 Spot cleaning key





ii. Function Information of Display Interface:







Make sure full charged 5/6 hours (the battery should be charged and discharged for about 2 or 3 times before reaching the best performance).

Turn on the power switch, the buzzer will ring once and the display will show as follows:

1.  displays the current date per week automatically based on the date.
2.  displays in case of malfunction, " BB:BB " displays the failure code from E001 to 034.
3.  displays the battery, three grids mean full power, or decreased power with less grids.
4.  means the Cleaner is in charging, the battery is not enough if the icon is flickering, or full if stops flickering.
5.  displays the timing cleaning time, current time per day and malfunction code.
6.  means running Speed ; fast speed on speed 1, or slow on speed 2.
7.  displays the UV lamp is on when the Cleaner is working, when open the UV lamp , it can sterilize. or off when not working.
8.  displays the Cleaner is cleaning in the spot cleaning mode.
9.  displays the Cleaner is cleaning in the auto cleaning mode.

The following display functions will only be selected and set in the remote control

1.  means selecting cleaning day or some days or everyday of one week.
2.  displays the time and timing cleaning setting.
3.  means adjusting the speed of the wheel.
4.  displays the current date per week.

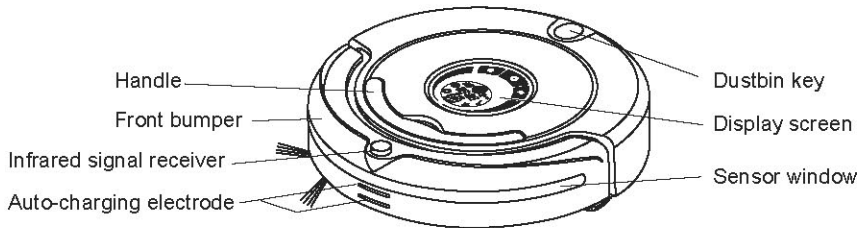
Operating Function of Touch Keys	Function Description
1. Auto Cleaning Key 	a. Clear up gadgets or obstacles in the room before cleaning, and then press Automatic Cleaning Key  , it will clean by spiral, linear, zigzag, follow the wall modes automatically. b. You can choose fast or slow running when cleaning. c. The Cleaner will stop running in case of low battery, then it will ring ten times and search the docking station for charging automatically. d. The Cleaner will stop cleaning if you press any keys during cleaning.
2. Spot Cleaning Key 	a. Press Spot Cleaning Key  , it will enter the area about 1m2 and clean by the spiral mode. b. Choose the fast cleaning time of about 2 minutes and low cleaning time of about 4 minutes, and it will stop automatically after the cleaning. c. The Cleaner will stop cleaning if you press any keys during cleaning.
3. UV Lamp Key This cleaner is supplied of a UV lamp which can disinfect the floor and it is especially suitable for people suffering allergy or for home with pets.	a. Turn on the power of the main body, the display will light. b. Press the UV Key, the icon  will be display, UV lamp will be on if the Cleaner is working, or off if the Cleaner stops working. c. If the UV lamp is unused, press the key to turn off, then the icon  will be off. d. The on/off mode of UV lamp will be memorized automatically.



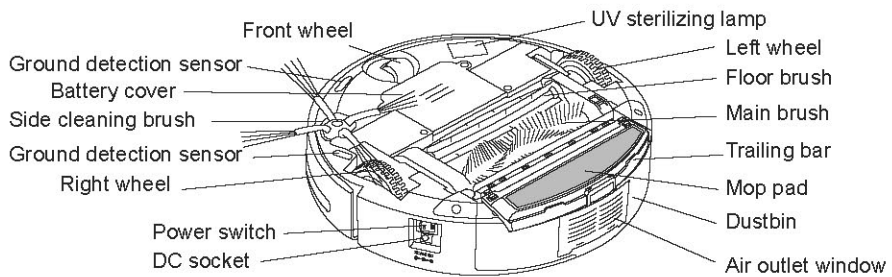
The keys of main body are of electronic touch type, you only need to touch them lightly with your finger while using it. Besides, you should clean the keys and the space between them to remove water or oil stains, or may cause the touch failure.

iii. **Parts:**

Top of main body



Bottom of main body



iv. Installation of Docking Station and Charging for the cleaner:

Automatic recharging:

1. Install the Docking Station on the flat ground firmly and against the vertical wall (fixed on the wall with the docking station sticker)
2. No obstacle or hollow areas 3m away from the Docking Station in the front and 0.5m on the right and left. (Refer to Figure 1)
3. The Cleaner cannot search the Docking Station for charging if the infrared signal transmitting window of the recharger is covered.
4. Connect the power cord of the adaptor with DC socket of the Docking Station. (Refer to Figure 2)



Please place the power cord of the adaptor along the wall, or it may interfere with the brush or wheels.

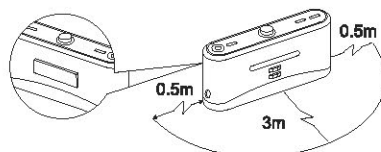


Figure 1

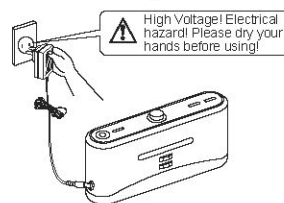


Figure 2

Manual charging:

1. You can use the adaptor or Docking Station of the Cleaner to charge for the main body directly.
2. Connect the output terminal of the adaptor with DC socket of the main body while using the adaptor for charging. (Refer to Figure 1)
3. Before charging, connect the adaptor with the Docking Station, make sure the cleaner is against the Docking Station. (Refer to Figure 2)

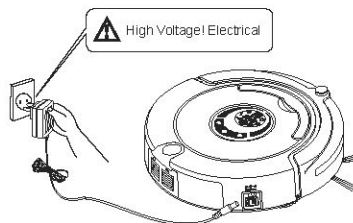


Figure 1

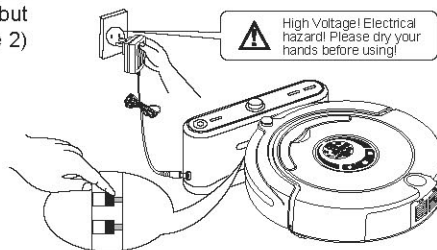


Figure 2

4. Press DOCKING in the remote control if you want to charge for the main body, the Cleaner will search the Docking Station for charging within available scope automatically. (Refer to Figure 3)

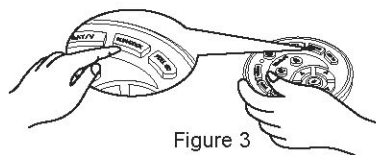


Figure 3

5. Press any key in host panel or POWER OFF and DOCKING keys in the remote control while the Cleaner is searching for the Docking Station, the Cleaner will then stop searching.
6. After the battery is used up, the first grid of the charging icon will flicker, when the second and then the third grid will flicker showing it is charging, stop flickering after completing the charging. (Refer to Figure 4 and Figure 5)

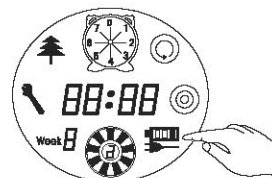


Figure 4

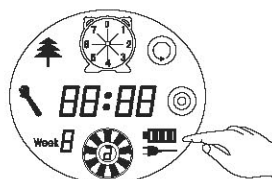


Figure 5

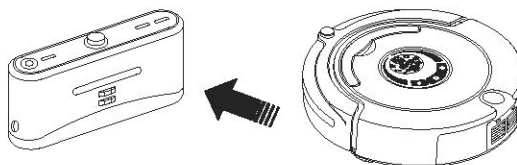
7. Turn on the Cleaner, full three grids show enough power, one grid missing means the decreased power, and it should be charged after three grids missing. (Refer to Figure 6)



Figure 6

Automatic charging:

The Cleaner will search the Docking Station for charging automatically in case of low battery during cleaning.

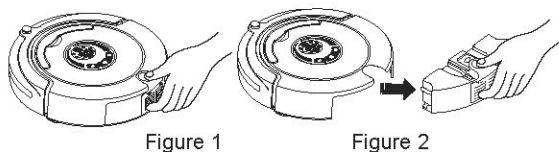


1. The Cleaner may fail to find the Docking Station due to the obstacle, decreased battery and complex condition, so the Docking Station should be put in wide space.
2. When the cleaner finish cleaning , the temperature of the battery is very high ; so charging time will be longer

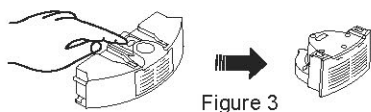
v. Assembly & Disassembly and Cleaning of Dustbin:

Assembly & Disassembly of Dustbin:

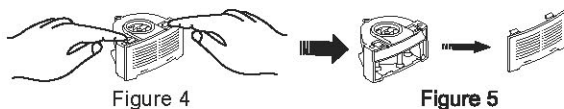
1. Extract the dustbin by pressing the red key on top. (Refer to Figure 1 and Figure 2)



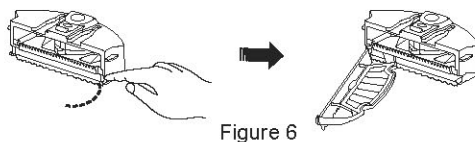
2. Press the orange button on it, and then the blower will pop up automatically. (Refer to Figure 3)



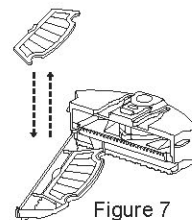
3. Reverse the blower, release 2 fasteners and open the cover. (Refer to Figure 4 and Figure 5)



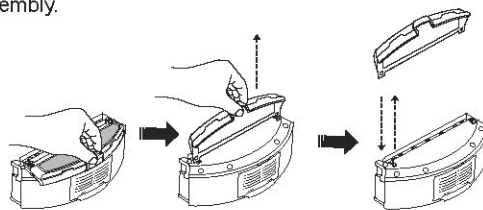
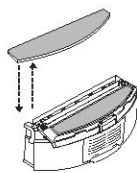
4. Open the bracket and the filter will appear. (Refer to Figure 6)



5. Change a new filter, press the semicircle bracket by one hand to release the fastener from the filter screen, and remove the filter grid by the other hand and then change a new one. (Refer to Figure 7)



6. Reverse the dustbin, tear out the mop, release the trailing bar and then unplug the right and left fasteners on the bottom of the dustbin (Refer to Figure 8 and Figure 9). All parts should be assembled as before disassembly.



Don't use the mop and trailing bar on the carpet or uneven ground.

Cleaning of Dustbin and Blower:

1. First dump the dust, and then clean it with Dust Brush. (Refer to Figure 1)
2. Pop up the blower, and then clean the air inlet/outlet with dust brush. (Refer to Figure 2 and Figure 3)
3. Don't clean the blower in water!
4. Pop up the blower, take out the filter, and then clean the dustbin in water. (Refer to Figure 4)
5. Clean the filter by hairdryer or Dust brush. (Refer to Figure 5 and Figure 6)
6. After cleaning, you can assemble it firmly as before the disassembly.

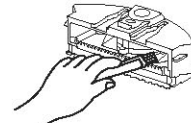


Figure 1

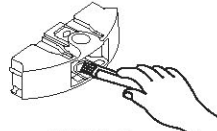


Figure 2

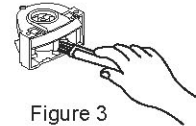


Figure 3

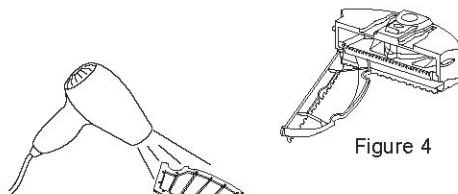


Figure 4

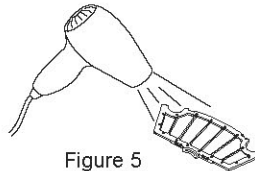


Figure 5



Figure 6

vi. Assembly & Disassembly and Cleaning of Main Brush and Floor Brush:

Assembly & Disassembly and Cleaning of Left/Right Wheel:

1. Release the screw of the left/right wheel by the screwdriver. (Refer to Figure 1)
2. Take out the left/right wheel and clean them with the brush (Refer to Figure 2). **Don't wash them in water!**
3. Place the left/right wheel in the original position, and tighten the screw while assembling.

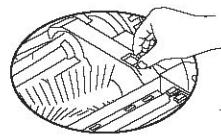


Figure 1

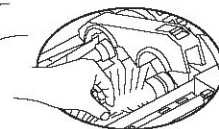


Figure 2

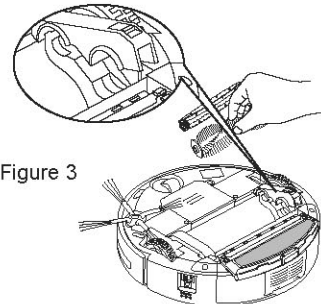
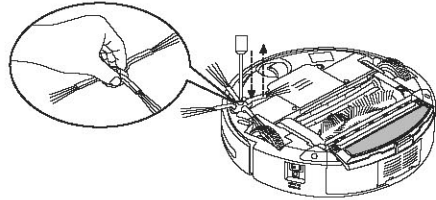


Figure 3

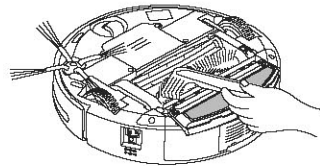
Assembly & Disassembly of Side Brush:

1. Release the screw in the main shaft of the side brush before changing the side brush.
2. Press the side brush against the main shaft and then fasten the screw. (Refer to the figure)



Cleaning of Main Brush and Floor Brush:

1. Clear the hair or big dust particles on the brush and floor brush regularly to improve the cleaning performance. Clean the dust at the air intake. Clean the wastepaper or small particles by dust brush directly. Rotate the brush carefully and cut by scissors or pull by hand the hair, yarn and other twisted objects.
2. The cleaning of the main brush and floor brush can be done by reference to the assembly & disassembly.



vii. Assembly & Disassembly and Cleaning of Left/Right Wheel and Front Wheel:

Assembly & Disassembly and Cleaning of Left/Right Wheel:

1. Release the screw of the left/right wheel by the screwdriver. (Refer to Figure 1)
2. Take out the left/right wheel and clean them with the brush (Refer to Figure 2). **Don't wash them in water!**
3. Place the left/right wheel in the original position, and tighten the screw while assembling

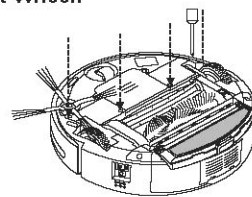


Figure 1

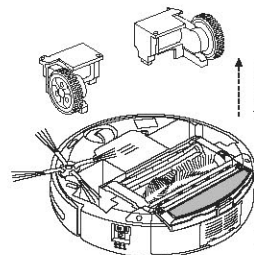
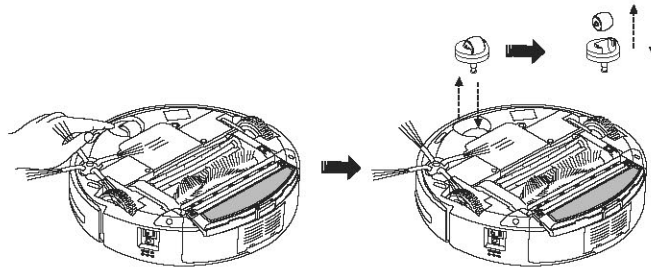


Figure 2

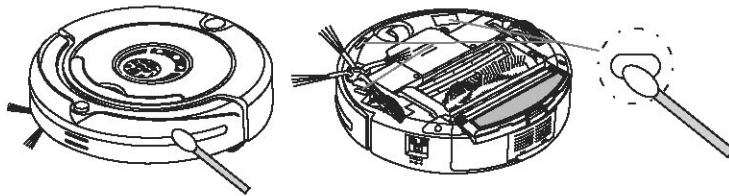
Assembly & Disassembly and Cleaning of Front Wheel:

1. Pull out the front wheel with your finger and tools and then clean it. (Refer to the figure)
2. Insert and press the front wheel into the right position while assembling



viii. Cleaning of Sensor and Infrared Transparent Window:

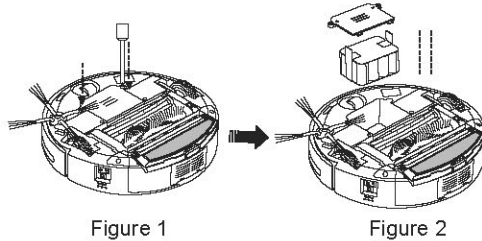
1. Clean the sensor and infrared transparent window with the cotton swab or soft cloth.
2. The wall detection sensor is in front of the Cleaner, while the ground detection sensor and infrared transparent window are at the bottom of the Cleaner. (Refer to the figure below)
3. Please keep the transparent window clean so as to make the Robot work better.



5. Replacement of Battery:

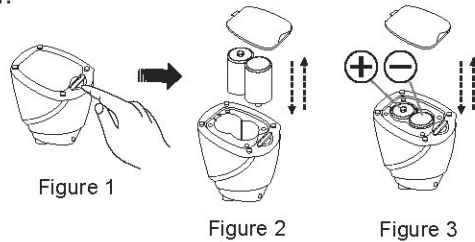
Battery replacement of the Cleaner:

1. Release the screw with the screw-driver, open its base plate and then take out the battery. (Refer to Figure 1 and Figure 2)
2. Please place the positive and negative electrode correctly for fear of the damage due to wrong electrode! Please set the Cleaner in charging
3. state to keep the best of the battery while the Cleaner is unused.



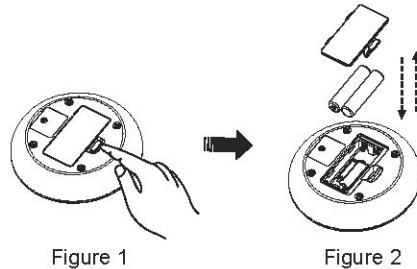
Battery replacement of the Space Isolator:

1. spin the pivot as per figure 1 and the cover will open.
2. Please place the batteries (not included) with correct polarity (+/-) (Refer to Figure 2)
3. The right place of battery. (Refer to Figure 3)
4. Please take out the battery if it was unused for long.



Battery replacement of the remote control:

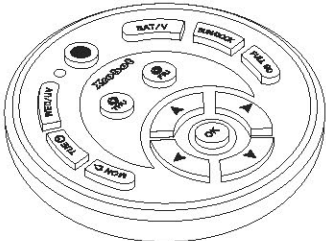














1. Open the battery cover and then replace the battery. (Refer to Figure 1) Please place the batteries (not included) with correct polarity (Refer to Figure 2)
2. Please take out the battery if it was unused for long.



1. Please don't forget to take out the battery before discarding the Cleaner.
2. Please remember to turn off the switch before taking out the battery from the Cleaner and Space Isolator.
3. Please don't place the battery in the high-temperature environment above 45° or in the water.
4. Please don't exert external force to the battery or drop them from high place.
5. The battery should be recycled with safe disposal. Please don't discard it freely or throw it into fire for fear of explosion!

6. Remote Control:

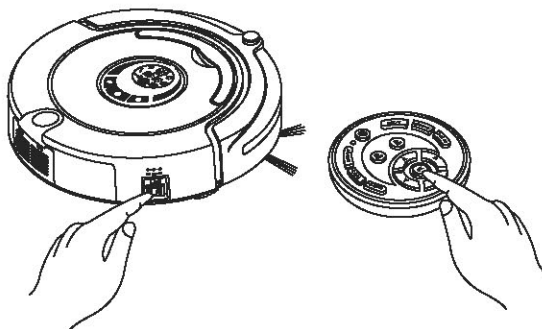
i. Control panel:























Overall Appearance	Key Description
	<ol style="list-style-type: none">1.  Automatic cleaning key/Thursday2.  Spot cleaning key/Friday3.  Time set key/Tuesday4.  Timing key/Monday5.  UV sterilizing key/Wednesday6.  Automatic recharging key/Sunday7.  Speed selection key/Saturday8.  Turn off/cancel9.  It will work automatically after the battery is full10.  Confirmation key11.  Forward key12.  Back key13.  Turn left key14.  Turn right key 14 keys in total




ii. Using Method & Functional Status of Control Panel:

the following steps are very important, or the remote control may fail.

1. You should check code of the remote control or cleaner.
2. Check the remote control and Cleaner have enough power, turn off the Cleaner, press OK on the remote control for more than 4s, and then turn on the Cleaner without releasing OK. After the Cleaner toots twice, release OK, then the code check set is finished.
3. If you fail to hear toot during the code check, just repeat the above process.



Function Guide	Function Information
Auto Cleaning 	Press the key, the Cleaner will clean in the auto cleaning mode ;Press the key again, the Cleaner will stop running.
Spot Cleaning 	Press the key, the Cleaner will clean in the spot mode ;Press the key again, the Cleaner will stop running.
Week & Time Setting 	<ol style="list-style-type: none"> 1. Turn on the Cleaner. 2. Press TUE on the remote controller, the icon  in the LCD screen of cleaner will flicker. 3. Press correct week button on the remote controller; there is display in icon , 1 means Sunday, 2 means Monday, ...accordingly, 7 means Saturday. 4. After setting correct week , then you can set time 5. Press  to enter time setting, the Icon BB:BB in the LCD screen of the cleaner will flicker. 6. Press  or  to set the correct hour. 7. Press  again BB:BB will flicker 8. Press  or  to set the correct minute 9. After finishing Week & Time Setting, press “OK” to save it
Timing Cleaning Setting 	<p>Cleaning Week setting :</p> <ol style="list-style-type: none"> 1. Turn on the Cleaner. 2. Press Timing Cleaning setting button MON , then the icon  in the LCD screen of the cleaner will flicker. 3. Press any week button /some week buttons or all week buttons you want to set timing cleaning on any day or days or everyday of a week, then the selected date or dates will flicker. In , 1 means Sunday, 2 means Monday, accordingly, 7 means Saturday. 4. Press FULL GO , “D”  of the LCD screen will flicker, the cleaner will start cleaning automatically when the battery is charged (5/6 hours charging) 5. If you want to cancel any setting day or days, just press the week button again. 6. after set the clean day of each week, it is possible to set the starting time of cleaning. <p>Cleaning time setting:</p> <ol style="list-style-type: none"> 1. Press  to enter cleaning time setting, the Icon BB:BB in the LCD screen of the cleaner will flicker. 2. Press  or  to select the timing cleaning hour. 3. Press  again BB:BB will flicker 4. Press  or  to set the timing cleaning minute. 5. After finishing Week & Time Setting, press “OK” to save it. <p>When the cleaner is connected to the charging base, at the set time it will start cleaning automatically (when the battery is fully charged); when the cleaning is finished or the battery is low, the cleaner will go back to the charging base.</p> <p>Remark: if you set timing cleaning and full go function at the same time ,the cleaner will go on with the function which running first !</p>
Speed selection	Press the “SATV” key repeatedly, you can choose fast or slow speed. It will have automatic memory after the speed selection (fast 1, slow 2)

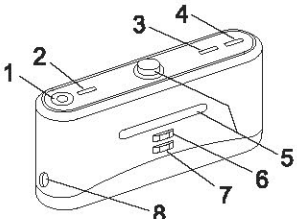
Function Guide	Function Information
Turn off/cancel/stop 	<ol style="list-style-type: none"> 1. Turn on the power switch of the cleaner, and press the key can turn on/off the Cleaner . 2. You can stop the running mode by pressing the key . 3. You can delete and return to the original setting if you get wrong sets or want to stop setting. 4. Press the key for more than 5s, you can delete all set and memory and return to the initial status
OK key	1. You must press “OK” to save any setting you did
UV lamp key 	You can turn on/off UV lamp by pressing the “UV” key while the cleaner is in the Standby mode or running. The on/off set will be memorized automatically.
Auto Docking Key	While the Cleaner is in the Standby mode or running, the Cleaner will search the Docking Station for charging after you press “SUN/DOCK” key.
▲ Forward key	Press “Forward”, the Cleaner will run forward cleaning press  can stop. It will stop automatically in case of the obstacle.
▼ Backward key	Press ▼ for long, the Robot will run backward cleaning, and it will stop after you release the key.
◀ Turn left key	Press ◀ and release till the Cleaner turn left to the direction you want. It will stop automatically in case of the obstacle.
Turn right key	Press ▶ and release till the Cleaner turn right to the direction you want. It will stop automatically in case of the obstacle.



1. You should use the remote control within 10m (radio signal scope), or you may fail to control the main body.
2. The Cleaner may fail to find the Docking Station due to the obstacle, complex condition or because the battery' power used up .

7. Auto Charging Docking Station:

i. Docking Station Display and Control Panel:

Overall Display	Function Instructions
	<ol style="list-style-type: none"> 1. LED decorative light (a little essence can be placed above) 2. Decorative light switch 3. Power LED 4. Charging indicator 5. Signal transmitting 6. Charging positive electrode 7. Charging negative electrode 8. Charging power DC socket

ii. Using Method & Functional Status of the Docking station :

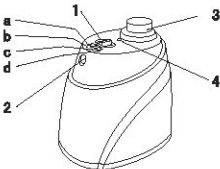
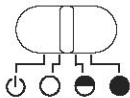




No.	Function Guide	Function Information
1	LED decorative light	Turn on the decorative light to activate the atmosphere, and place in the glowing center of the light a little essence, which will give off charming aroma after heating.
2	Decorative light switch	Press the switch to turn on/off while the decorative light is on.
3	Power LED	The Power LED will light when the Docking Station is connected with the power, or turn off if not connected.
4	Charging indicator	The indicator will flicker while the recharger is connected with the cleaner.
5	Signal transmitting	Transmitting signal is the only way to lead the cleaner to return the Docking Station for charging, so the signal transmitting position should be clean for long without any obstacle on it.
6-7	Recharging positive & negative electrode	The electrode and that of the Cleaner are connected to charge under contact mode, so the position should be clean without any obstacle on it while using, or there will be impact to the charging.
8	Charging power DC socket	The power DC socket, called recharger for short, used to connect output terminal DC24V of the adaptor, is the charging transit station between the Cleaner and adaptor, so the recharger should be placed against the wall firmly and the adaptor cable should be away from the recharger, or the Robot may have impact and winding during cleaning.



Some essence may damage the plastic surface, so please make purchase and use after consideration.

8. Space Isolator:
















i. Space Isolator Display and Control Panel:

Overall Display	Function Instructions
 <p>The diagram shows the control panel of the Space Isolator. Label 1 points to the toggle switch, 2 to the power LED, 3 to the infrared wall transmitting signal head, and 4 to the near-infrared transmitting head. Labels a, b, c, and d point to the four positions of the toggle switch: a (power off), b (Low), c (Middle), and d (High).</p>	<p>1. Toggle switch</p>  <p>a  Turn off b  Low c  Middle d  High</p>

ii. Function Introduction of Space Isolator:

Space Isolator, an accessory of the cleaner, can block area by sending special infrared signal so as to prevent the Cleaner from entering some unnecessary areas.

iii. Using Method & Functional Status of Space Isolator :

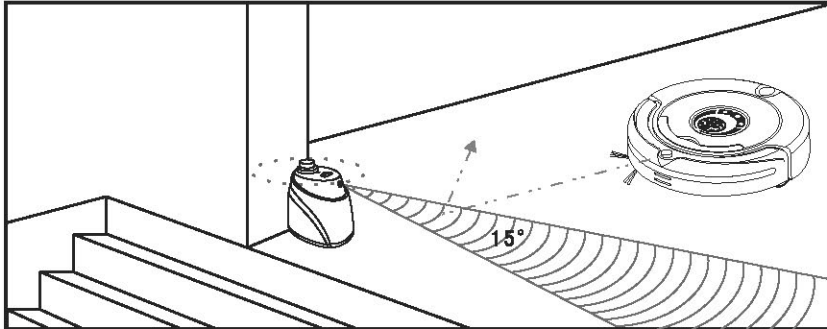
No.	Name	Function Information
1	 Toggle switch	You can switch the function by sliding  repeatedly: Turn off, Low, Middle and High.
	a  Turn off	Slide  to the position, then the power is off.
	b  Low	Slide  to Low and turn on the power, you can select the distance within 4m as required by infrared wall.
	c  Middle	Slide  to Middle and turn on the power, you can select the distance within 6m as required by infrared wall.
	d  High	Slide  to High and turn on the power, you can select the distance within 8m as required by infrared wall.
2	Infrared wall transmitting signal head	Slide  , then you can adjust the distance of the Space Isolator.
3	Near-infrared transmitting head	The near-infrared transmitting signal makes the Cleaner run outside the Space Isolator scope of 50-100cm without any impact to it.
4	Power LED	The Power LED will flicker once every 8s until the low battery after you  slide  to Low,  Middle and  High, and the Cleaner works normally.



1. Open the battery cover before using, place 2x"D" batteries (not included) into the box correctly. Pay attention to the polarity or the Space Isolator will not work.
2. The battery consumption duration is related to the selected transmitting distance and working duration, please select proper transmitting distance and low transmitting power to save the battery, so don't forget to turn off the toggle switch while unused.
3. There will be some difference in the direction, transmitting infrared signal of the Space Isolator and receiving distance of the Cleaner due to environmental impact and movement of the Cleaner during the actual using. The difference above may vary based on the actual environment and different battery power of the Cleaner and Space Isolator.

iv. Installation method of Space Isolator:

1. The Space Isolator is placed at the entrance to the stair or room generally.
2. You can place the Space Isolator at proper position to stop the Cleaner passing through some places.
3. Remove obstacles from the area you want to block in front of the Space Isolator as much as possible for fear of poor effect.



1. The Space Isolator should be placed at the same level of the ground where the Cleaner is running.
2. You should check whether the Cleaner can pass the Space Isolator while using it first.
3. The distance between the Space Isolator and recharger should be more than 3m, or there will be interference.
4. The Docking Station should not be installed within the signal scope of the Space Isolator.

9. Trouble shooting :

The Cleaner doesn't work or clean poorly

1. Check whether turning on the switch.
2. Check whether the dustbin, 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. Whether check code between the remote control and main body.
4. 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 controller to let the cleaner go back to the Docking Station

Increased noise in cleaning

1. Clean the dustbin and filter.
2. Check whether the brush or side brush is too dirty.
3. If the noise still too big , 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

Failure information which may appear during using:

Failure Code	Failure Cause	How to solve
E001	Ground detection sensors	Clean the sensors at the front bottom of the cleaner
E002	Middle brush	Clean the rubbish such as hair, thread wrapped on the brush
E003	Power off	Use the adaptor to charge , after full charged , then use again
E004	Left &right wheel	Check the left and right wheels , clean the rubbish on it
E005	Dustin poor contact	Check the dustbin and re-fix the dustbin after cleaning



If the failure still exist after the above check, please contact the after-sale service maintenance, professional maintenance staff or the technical center of the company, don't disassemble and maintain it by yourself.

10. Technical Specifications:

1	Rated Voltage	Ni-Cd 14.4V 1500mAh
2	Battery	Rechargeable battery (the charge time is about 5h)
3	Working Hours	About60(1500mA)/90minutes(2200mA)
4	Rated Power	<24W
5	Operating Temperature Range	-10°C~45°C
6	Operating Humidity Range	≤ 85RH
7	AC/DC adaptor	AC 100/240V – 50/60Hz DC 24A 1.0A
8	Wireless Remote	ISM Frequency Band 2.4GHz
9	Specification	φ 320×87mm (including the wheel height)
10	Weight	3.2kg
11	Battery Capacity	1500mA/2200mA

Technical Specifications of Remote Control:

Applicable Models	XR210
Rated Voltage	=== 3V
Battery	2 AAA batteries(not include)
Remote Mode	ISM Frequency Band 2.4GHz
Receiving & Transmitting Distance	≥ 10M
Transmitting Power	0dB
Operating Temperature Range	-10°C~45°C
Operating Humidity Range	≤ 85RH
Specification	100×25mm (thickness)
Weight	0.08kg

Technical Specifications of Docking Station

No.	Models	Parameters	Remark
1	Specification	L×W×H: 200×51×102mm	
2	Weight	0.23kg	
3	Rated Voltage	--- 24V	
4	Operating Temperature Range	-10℃~45℃	
5	Operating Humidity Range	≤85RH	

Technical Specifications of Space Isolator:

No.	Models	Parameters	Remark
1	Specification	L×W×H: 102×71×106mm	
2	Weight	0.14kg	
3	Rated Voltage	--- 3V	
4	Battery	2 Batteries "D" 3V (not included)	
5	Operating Temperature Range	-10℃~45℃	
6	Operating Humidity Range	≤85RH	



“CE” marking states that the product is compliant to European Directives:
2006/95/EC Low Voltage Directive
2004/108/EC EMC Directive

It is possible to request a full copy of Declaration of compliance to the Distributor:

This product comply with the rules of RoHS Directive (2002/95/CE)
This product comply with the rules of Eup Directive (2009/125/CE)