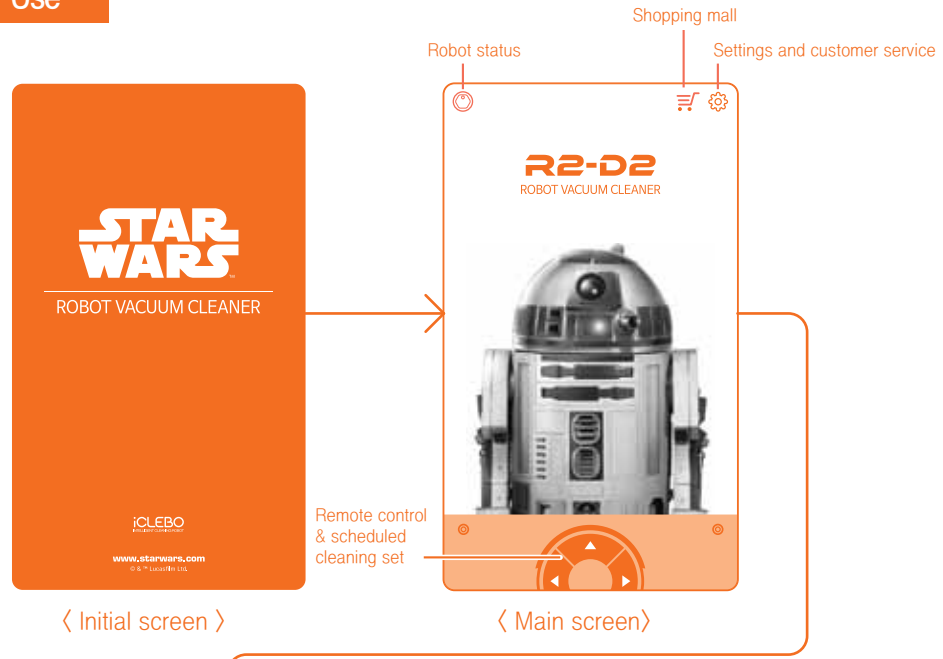


Use of the application (app)

Installation

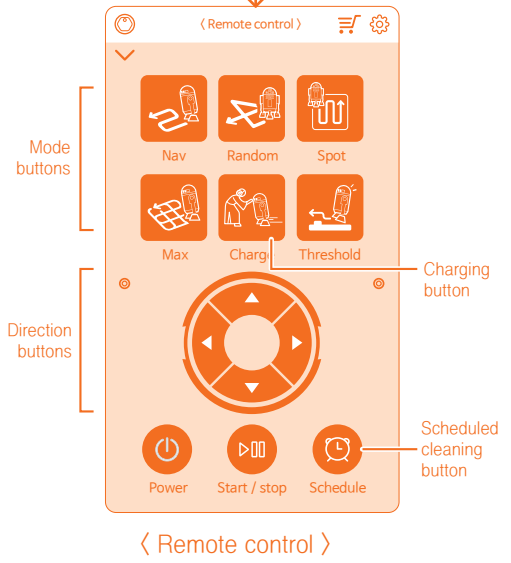
- The i-Clebo Star Wars app supports various functions including remote control, scheduled cleaning, etc.
- Search and then install i-Clebo Star Wars at Google Play Store or Apple AppStore. Make sure that the Bluetooth is activated to run the app.

Use



< Initial screen >

< Main screen >

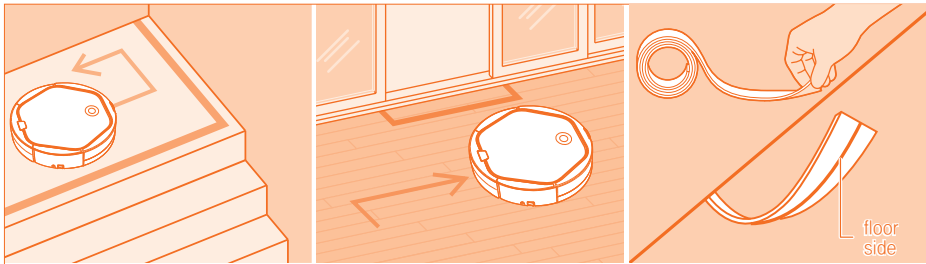


< Remote control >

Bluetooth frequency range	2.4Ghz (2402MHz, 2426MHz, 2480MHz)
Bluetooth profile supported	Bluetooth 4.0
NFC frequency range	Not supported
Smartphone OS supported	Android 4.4 or over / iOS 7.0 or over ※In case you cannot use the app due to a wrong version, you are required to purchase a valid remote control separately.

- The device is intended for domestic purposes as a Grade B electromagnetically compatible unit, with no areal restrictions.
- The device has a built-in wireless component which could potentially cause electromagnetic interference. Therefore, neither its manufacturer nor installer is prohibited to provide any service related to human life.

Application of the entry prevention tape



1. Make sure to apply the entry prevention tape to areas like the veranda, toilet and staircase landing area in which the Robot Cleaner is at the risk of falling down.
 - ▶ Dust, if stacked on the fall-proof sensor window, could cause the Robot Cleaner not to recognize no-entry areas.
2. Let the grooved surface of the tape face down to the floor when applying it. Use the double-sided tape, included in the package, to fix the entry prevention tape.
 - ※ Apply the entry prevention tape to mark an area where the Robot Cleaner should not enter.
 - ※ In case the entry prevention tape is not fixed firmly to the floor, it might not be recognized by the Robot Cleaner.

Use of the Robot Cleaner

Turning on / off power initially



Turn on the power switch located at the side of the main body by leaving it at 'I'. Press 'O' and power will be turned off.

Starting / stopping cleaning

Main Body	Application (App)	Operation
		1. Press the Power button.
		2. Press the Start / Stop buttons.

The app should be run with the Bluetooth function of the smart phone activated.

Selection of operational modes

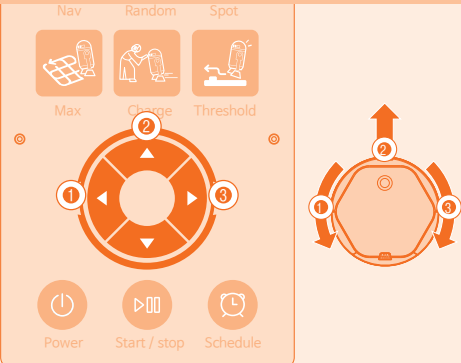
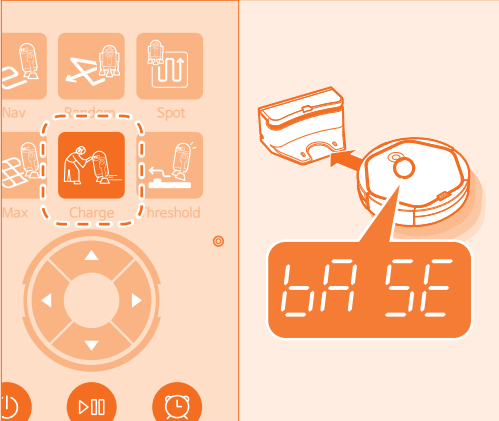
Main body	Application (App)	Operation
		<ol style="list-style-type: none"> Press a mode button on the display window of the main body to select your desired operational mode (navigation and random only). Alternatively, you can select your desired operational mode on the application. All operational modes are available on the app. Press the Start / stop buttons.

Cleaning mode

The Robot Cleaner is designed to be able to deal with a threshold of as high as 5 mm. Select the Threshold mode in case you need to due to the interior structure.
 ※The Threshold mode is unavailable in case the mop plate is mounted.

Modes	Main body	App	Operation	Remarks
Nav			Cleaning conducted as per camera navigation mapping	<ul style="list-style-type: none"> Select this mode by pressing the Nav button on the app. Alternatively, select the mode by pressing the mode button on the display window at the main body.
Random			Cleaning conducted randomly. ※Basically set to clean for 60 minutes, subject to the battery level	<ul style="list-style-type: none"> Select this mode by pressing the Random button on the app. Alternatively, select the mode by pressing the mode button on the display window at the main body.
Spot	-		Cleaning conducted in zig-zag within 1 m ² . ※The Nav mode blinks.	<ul style="list-style-type: none"> Select this mode by pressing the Spot button on the app.
Max	-		Cleaning conducted in zig-zag job vertically and horizontally (in the shape of an epiploon) ※Conducted until the battery level becomes low 	<ul style="list-style-type: none"> Select this mode by pressing the Max button on the app.
Threshold			Cleaning conducted with a carpet or threshold (with the height of up to 18 mm) nearby ※In case the mop plate is mounted, this mode is automatically cancelled.	<ul style="list-style-type: none"> Select this mode by pressing the Threshold button on the app.
Mop		-	Automatically indicated when the duster plate is mounted ※Refer to P. 10 with regard to how to mount the mop plate.	

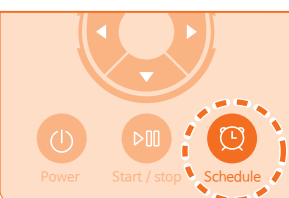
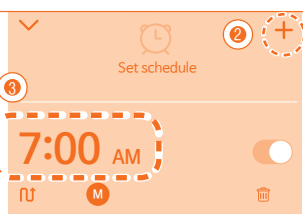
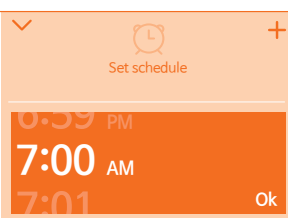
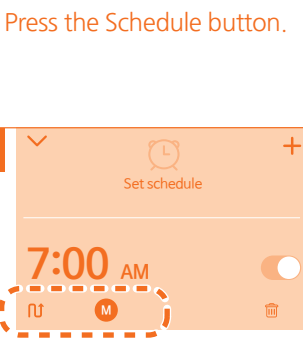
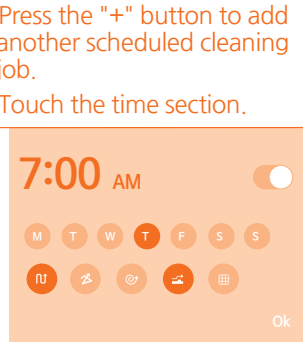
Movement / manual cleaning / charging

Application	Operation
	<ol style="list-style-type: none"> Use a direction button in case you want to direct the Robot Cleaner to a specific area. <ul style="list-style-type: none"> In case a reverse button is pressed, the Robot Cleaner will make a 180-degree turn. In case a direction button is pressed immediately after power is turned on, the Robot Cleaner will move only without any cleaning (suction) job. In case a direction button is pressed while a cleaning job is conducted, the Robot Cleaner will move in your desired direction and then resume the existing cleaning job. <ul style="list-style-type: none"> ※ The cleaning job is conducted only while a direction button is pressed.
	<ol style="list-style-type: none"> When the Charge button is pressed, the Robot Cleaner returns to the charging station to get charged. <ul style="list-style-type: none"> The BASE message appears on the display window and then the battery level will start blinking once the device has reached the charging station. In case the Robot Cleaner did not start cleaning at the charging station, the STRT (start) message appears and then the device will return to the area where the existing cleaning job started. (If the area where the existing cleaning job started is near the charging station, the device might return to the charging station.)

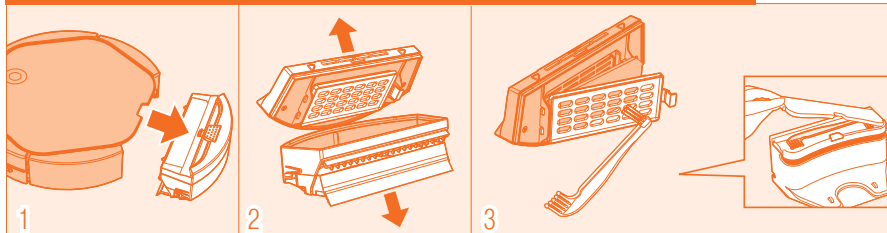
Scheduled cleaning

Scheduled cleaning is available on the app only.

⚠ (Use the app with the Bluetooth function on your smart phone activated.)

<p>1</p>  <p>1. Press the Schedule button.</p>	<p>2</p>  <p>2. Press the "+" button to add another scheduled cleaning job.</p>	<p>3</p>  <p>3. Touch the time section.</p>
<p>4</p>  <p>4. Select a time to start a cleaning job and then press OK.</p>	<p>5</p>  <p>5. Touch a cleaning mode and a day of the week.</p>	<p>6. Select a desired day of the week and cleaning mode.</p> <p>7. Press OK to complete setting up a scheduled cleaning job.</p> <p>※ Up to three scheduled cleaning jobs can be set. ※ However, only one scheduled cleaning job can be set in case a separately purchased remote control is used to set up a scheduled cleaning job. Also, you cannot designate a day of the week.</p>

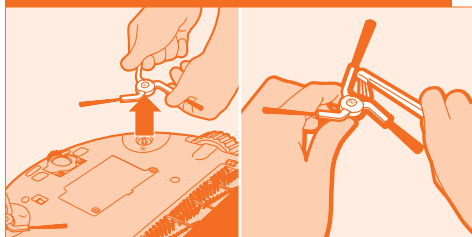
Emptying the dust box / maintaining the HEPA filter



1. Detach the dust box from the main body of the Robot Cleaner.
2. As illustrated above, detach the dust box cover and then clean the interior thoroughly.
3. Detach the filter cover and remove dust with the cleaning brush.

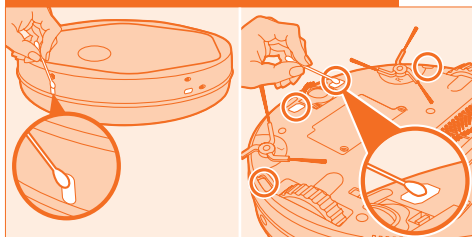
- ※ You can clean the dust box with water. Make sure to dry it completely and then assemble.
- ※ Replace the HEPA Filter every four weeks. Note that its anti-microbial function may disappear if it is washed with water.

Maintaining the side brushes



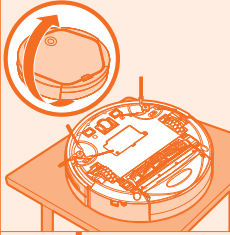
1. Disassemble the side brush with both hands.
 2. Remove dust and other foreign substances with the cleaning brush.
- ※ When you turn the Robot Cleaner upside down, you are recommended to lay a soft fabric patch on the floor to prevent scratches from damaging the foreface of the Robot Cleaner.

Maintaining the sensor

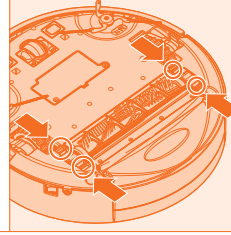


1. Scrub and clean the sensor interface with a cotton swab.
2. Scrub and clean the floor sensor with a cotton swab.

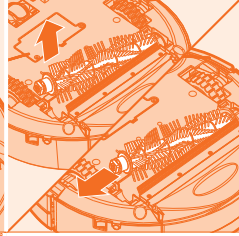
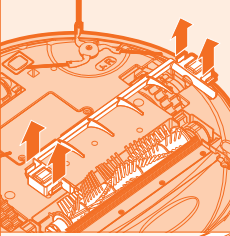
Maintaining the main brush



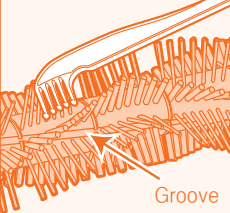
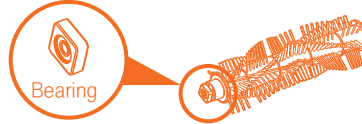
1. Remove dust from the dust box.
2. Turn the Robot Cleaner upside down so that its bottom faces the ceiling.
 - ※ A soft fabric patch laid on the floor would help reduce scratches on the upper plate of the Robot Cleaner.



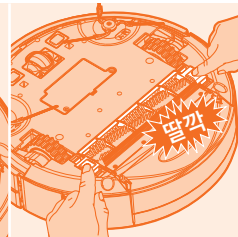
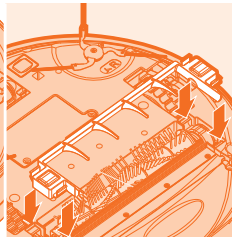
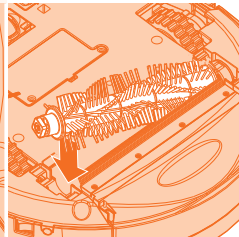
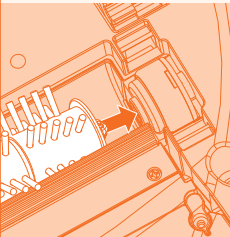
3. Remove the fixing clips from both sides of the cover of the main brush.



4. Disassemble the brush cover and then the main brush.
 - ※ Make sure not to lose the bearing.

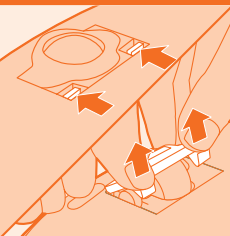


5. Use the cleaning brush to remove hairs and other unwanted substances from the main brush.
 - ※ You can also use other helpful tools like a knife or pair of scissors to remove them along the groove of the brush more easily.

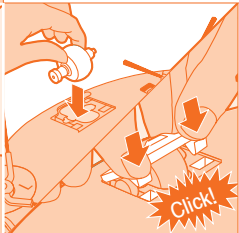
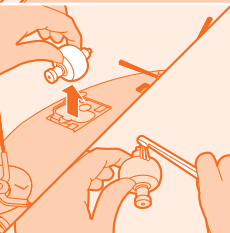


6. After your maintenance job, identify the left and right side of the main brush and then re-assemble it to the main body.

Maintaining the front wheel



1. Detach the front wheel fixing cover with both hands.
2. Use the cleaning brush to remove unwanted substances trapped in the wheel.

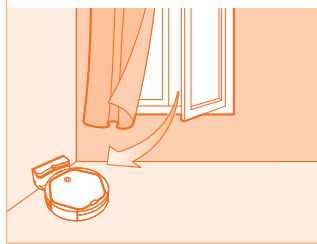


3. Detach the front wheel and use the cleaning brush to get rid of dust and unwanted substances.
4. Re-place the front wheel and then re-assemble to the Robot Cleaner.

Storage



1. Turn the power switch off at the side of the Robot Cleaner in case you do not want to use it for a long time.
- ※ The battery level may become low even when you do not use and just store the Robot Cleaner away for a long time. (Our battery warranty lasts 6 months.)



2. Leave the Robot Cleaner in a cool and dry place.
- ※ Do NOT place any other object on the Robot Cleaner. Otherwise, malfunction could be caused.

Purchase of accessories



Visit our shopping mall at www.iclebo.com to purchase any accessory like a battery, brush or a HEPA filter. Alternatively, call our Customer Service Center (Tel: 1566-3292) to order your desired items.

Consumable replacement cycles to maintain an optimal cleaning performance level

Item	Illustration	Recommended replacement cycle	Remarks
HEPA filter		4 weeks	Disposable, thus non-reusable
wet ultrafine fibrous mop		3 months	Replaceable when severely worn out or dirty
Main brush		When necessary	Replaceable when broken or distorted (Otherwise, a sharp decrease in cleaning performance level could be caused.)
Side brush			
Battery pack		1 year	Replaceable when the charging or cleaning time have been found greatly shortened (Our battery warranty lasts 6 months.)
Suction blade		When necessary	Replaceable when broken, worn out or distorted (Otherwise, a sharp decrease in cleaning performance level could be caused.)

1. The above replacement cycles are recommended based on the assumption that the Robot Cleaner is used once every day.
2. The replacement cycles may vary depending on the area to be cleaned and the frequency of use.
3. The above replacement cycles are our recommendations to let you maintain cleaning efficiency, but are not mandatory requirements.
4. Regardless of the above replacement cycles, any consumable needs to be replaced immediately when it has been found broken or deformed.



Given below is a list of frequently observed cases of malfunctions together with their causes and recommended actions to take. Call the Customer Service Center (Tel: 1566-3292) when you still require additional technical assistance.

Malfunction	Cause	Action to take
The cleaning performance level is unsatisfactory.	<ul style="list-style-type: none"> ▶ The dust box is full. ▶ The main brush has turned dirty. ▶ The filter has been contaminated. ▶ Although the battery level is sufficient, the dust box is full. ▶ Hairs or dust have blocked the main brush. 	<ul style="list-style-type: none"> ▶ Empty the dust box (referring to the Maintenance section). ▶ Use the main brush as instructed (referring to the Maintenance section). ▶ Clean the dust filter and other filters if they are dirty (referring to the Maintenance section). ▶ Empty the dust box (referring to the Maintenance section). ▶ Clean the main brush (referring to the Maintenance section).
The Robot Cleaner turns off when the power switch is pressed to turn on.	<ul style="list-style-type: none"> ▶ The battery level is too low. 	<ul style="list-style-type: none"> ▶ Charge the battery.
The Robot Cleaner doesn't respond or doesn't move around.	<ul style="list-style-type: none"> ▶ The power Switch is set to Off. ▶ The battery level is too low. 	<ul style="list-style-type: none"> ▶ Check if the power switch at the side of the main body works OK. ▶ Recharge the Robot Cleaner.. ▶ Cleanse the infrared sensor with a soft fabric patch. ▶ Move a bit away from the charging station and then press the Start button again.
The Robot Cleaner is not charged.	<ul style="list-style-type: none"> ▶ Either the charging station or the Robot Cleaner is not properly connected to the power plug. 	<ul style="list-style-type: none"> ▶ Make sure that the charging station or the Robot Cleaner is connected to the power plug properly.
The Robot Cleaner does not return to the charging station after cleaning has been completed.	<ul style="list-style-type: none"> ▶ The charging station is not properly connected to the power plug. ▶ The infrared generator and transmitter at the charging station and the detector sensor at the Robot Cleaner have turned too dirty. ▶ The Robot Cleaner has started the cleaning in a location other than the charging station. 	<ul style="list-style-type: none"> ▶ Make sure that the charging station is connected to the power plug. ▶ Move the charging station a bit away from its original position. Make sure there exists no obstacle within 0.5 meter left and right and 1.5 meter from the front of the charging station, so that the Robot Cleaner can return to the charging station automatically after a cleaning job has been completed. ▶ Note that the Robot Cleaner returns to the charging station only if it started cleaning from the charging station.

<p>The Robot Cleaner has been producing bigger noise increasingly.</p>	<ul style="list-style-type: none"> ▶ Either the dust box is full or the filter has turned dirty. ▶ The main brush has turned dirty. 	<ul style="list-style-type: none"> ▶ Empty the dust box and then re-start the dust box. ▶ Clean the filter (referring to the Maintenance section). ▶ Clean the main brush (referring to the Maintenance section).
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Display of inspection messages

Error Code	Cause	Action to take
C 1	The wheel is lifted a bit from the floor.	Re-locate the Robot Cleaner to an evenly flat floor in case the wheel has been trapped or stuck tight at the threshold, veranda, etc.
C 2	The floor is not detected.	Re-locate the Robot Cleaner to an evenly flat floor.
C 3	An error in the dust box	Dust box has not been properly assembled. Attach properly (referring to the Maintenance section).
C 4	Overload in the wheel motor	Check if foreign substances like hair or lint have been trapped or caught in the wheel. Remove the substances (referring to the Maintenance section).
C 5	Overload in the brush motor	Check if foreign substances like hair or lint have been trapped or caught in the main brush. Remove the substances (referring to the Maintenance section).
C 6	Overload in the suction motor	Clean the filter and empty the dust box. (referring to the Maintenance section).
C 7	An error in the internal system	Turn the Robot Cleaner off and then on.
C 8	An error in the magnetic encoder (in the front wheel)	Clean the front wheel and make sure the magnetic sensor is properly mounted.
C 9	An error in the Gyro sensor	Turn the Robot Cleaner off and then on.

Product warranty



Device name	iCLEBO STAR WARS	Model name	YCR-M08-10
Color		Device No.	
Customer name		Telephone	
Address			
Date of purchase	Purchased from		
Warranty period 2 years (Battery 6 months)			

Customer compensation for damages

Case	Type of customer damages	Compensation	
		Within warranty (2 years)	After warranty
Failures in performance or functions which have occurred during a normal operation (within the warranty Period)	In case key components are required to be repaired within one month of purchase	Replacement or repair for free	
	In case faults are found	Repair for free	Repair at the user's cost
	In case a damage has occurred during transportation and / or installation of the device	Replacement	
	Four malfunctions due to the same fault or five malfunctions due to different faults	Replacement or refund	Repair at the user's cost
	In case a severe repair is required within 10 days of purchase	Replacement or refund	
Failures in performance or functions which are due to the user's intention or mistake	In case a repair can be done	Repair at the user's cost	
	In case a repair cannot be done	Replacement at the user's cost	
-Failures caused by a natural disaster (fire, salt damage, earthquake, storm, etc) -Failures caused by abnormal power source or connection device or cables -Failures caused by a repair or modification attempt conducted by a third party technician who does not belong to the manufacturer or a designated service center -Failures caused by an external source other than a fault in the device itself		Repair at the user's cost	

※Warranty for the main body lasts two years while that for the battery 6 months.

After-sales Service & Customer Service



Open source software

This vacuum cleaning robot contains open source software.
Yujinrobot Co., Ltd. hereby provides a complete
copy of the corresponding source code.

To obtain the source code visit to www.iclebo.com

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.

THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device is only authorized for use in a mobile application.

At least 20 cm of separation distance between the transmitting antenna device and the user's body must be maintained at all times.

This device complies with part 15 of 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.
