

ROVE

ROVE

Rove G2800 Gyroscope Navigation
Robot Vacuum Cleaner
User Manual
G2800

from



APPLIED SCIENCE

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ROVE

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Usage Limitations

- This product is to be used for floor cleaning inside a home ONLY and cannot be used outside of the house, on non-ground surfaces (such as furniture) and not for commercial/industrial environments.
- Please do not operate the product when the temperature is below 32°F or above 104°F, on wet surfaces, or over sticky substances.
- Please ensure there is no wiring on the floor that the vacuum can get tangled in, including the vacuum charging station wiring.
- Please remove fragile objects (such as vases, plastic bags, etc.) on the floor to prevent device from being damaged.
- Adult supervision is required.
- Please keep main brush and other cleaning tools away from children.
- Do not place anything on the vacuum while it's on.
- Never let clothing or body parts (such as hair, nails, etc.) be drawn into the brush or wheel of this device, otherwise it may cause personal injury.
- Please do not use this product to sweep burning objects (such as burning cigarettes , matches, etc.).
- This product is not intended for use with extra long fiber carpet (some carpets may need to be cleaned differently).
- Please keep this device away from hard or sharp objects (such as glass, iron nails, etc.).
- Please do not move the machine by holding the protective cover of the LiDAR and collision bumper.
- Please regularly clean and maintain the device and the charging base when shut off or in the power-off state.
- Please do not wipe any part of the product using a wet cloth or any other liquid.
- Please use this product only in accordance with the instructions in this User Manual to avoid damage to the product or home furnishings, and to avoid personal injury. Keep the User Manual for future reference.

SAFETY INFORMATION

1. This device is only to be used with the power supply unit provided with it.
2. The adapter must be removed from the socket-outlet before cleaning or maintaining the device.
3. This device contains batteries that are only replaceable by skilled persons.
4. The battery must be removed from the device before it is disposed of.
5. This device must be disconnected from the power supply when removing the battery.
6. The battery is to be disposed of safely.
7. **WARNING:** For the purposes of recharging the battery, only use the detachable power supply unit provided with this device.

Plug Type	Model	Input	Output
USA	NLD100240W1A4	AC- 100-240V 50/60Hz 0.6A	DC- 24V1A

Battery and Charging

- Please do not use a battery, charging base or charger provided by any third parties.
- Please do not dismantle or refit the battery and charging base.
- Please keep the charging base away from heat sources (such as a heating plate).
- Please do not wipe or clean the charging base using a wet cloth or wet hand.
- Please do not improperly dispose of used batteries. Used batteries should be disposed of by a professional recycling agency.
- If the power line is damaged or broken, please stop using it immediately and replace it with official Applied Science products.
- Please ensure the robot is turned off during transportation and the product should be transported in its original packaging.
- If the device is left unused for too long, it should be fully charged and then placed in a cool and dry place. Charge the device at least every 3 months, to avoid damaging the batteries due to excessive discharge.

SAFTETY INFORMATION

Disposal Instructions:

- The following information is only applicable to the disposal of this device, not its daily use.
- The chemical substances contained in the battery will pollute the environment. Before disposing of this product, remove the battery and take it to a professional recycling station. The battery should only be removed after it has been used completely. Do not under any circumstance allow the battery to come into contact with metal objects.

Removing the Battery:

1. Ensure that the robot is not touching the charging base, keep the product running until it uses up all of the battery and shuts down.
2. Remove the screws from the battery cover.
3. Remove the battery cover, pull out the battery plug, and then remove the battery.

Frequency	2.4Ghz~2.4835Ghz
Noise Level	≤ 17dBm

WARNING !



This symbol means that according to local laws and regulations, your product and/or its battery shall be disposed of separately from regular household waste. When this product reaches the end of its life, users have the choice to give this product to a competent recycling organization. Proper recycling of your product will protect human health and the environment.



Indoor use only.

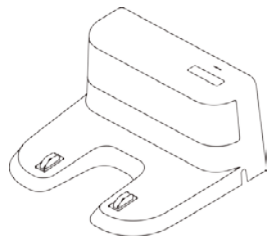
BATTERY WARNING

- 1.The lithium battery is built into this product. It **must not** be dismantled, impacted or exposed to fire.
- 2.The battery is subjected to extremely low air pressure conditions that may result in an explosion or leakage of flammable liquid or gas.
- 3.Please do not put the battery in a high-temperature environment or expose it to the sun; doing so could cause it to explode.
- 4.Please do not continue to use this product if the battery appears to be swollen.
- 5.Please dispose of the battery in accordance with local laws and regulations. Do not dispose of the battery as normal household waste.
- 6.Please do not attempt to repair, disassemble , modify or replace the battery.
- 7.Please do not place pressure on or pierce the battery with hard objects. Damaging the battery may cause battery leakage, overheating or fires.

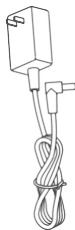
PRODUCT INTRODUCTION

ROVE

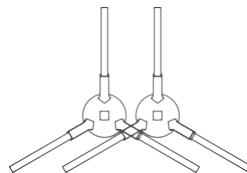
WHAT'S INCLUDED



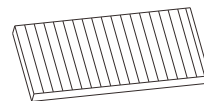
Charging Base x1



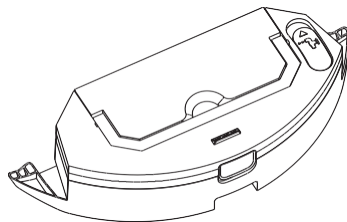
Adapter x1



Left SideBrush x1
Right SideBrush x1



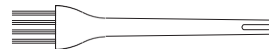
HEPA Filter x 1 + Sponge Foam Filter x 1



600ml Dust Box x 1



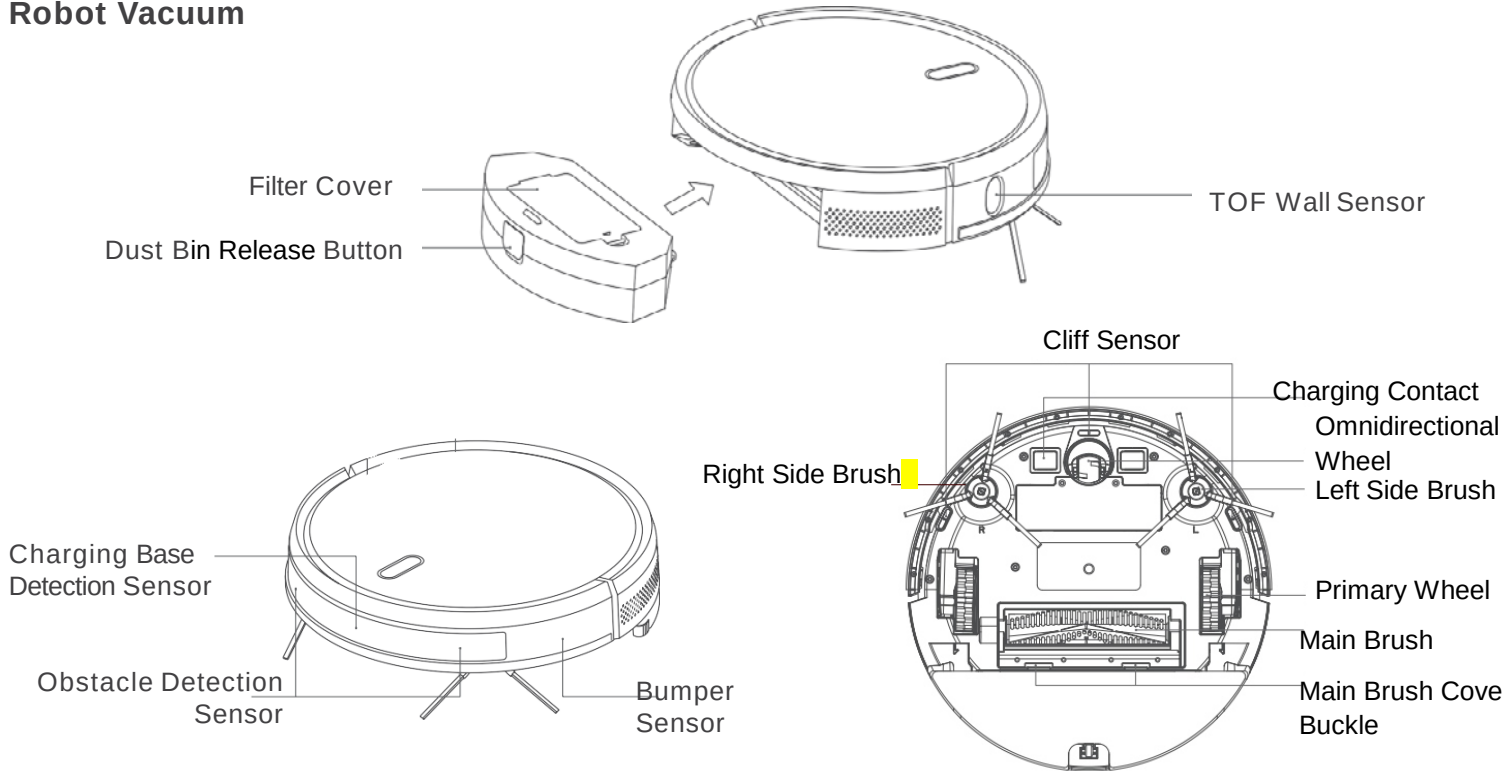
Remote Controller x 1



Cleaning Brush x 1

PRODUCT INTRODUCTION

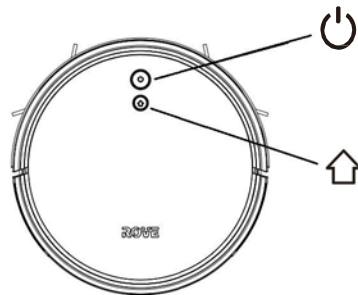
Robot Vacuum



PRODUCT INTRODUCTION

ROVE

Robot Vacuum



On/Off/Clean/Pause Button

- Press once to start/pause cleaning
- Press and hold for 3 seconds to turn the device on/off
- When an error occurs, press and hold for 15 seconds to force shutdown

Recharge/Partial Clean/Pause Button

- Press to recharge/pause
- Press and hold for 3 seconds to start partial cleaning

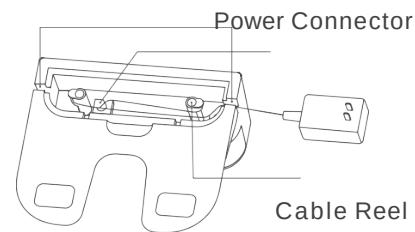
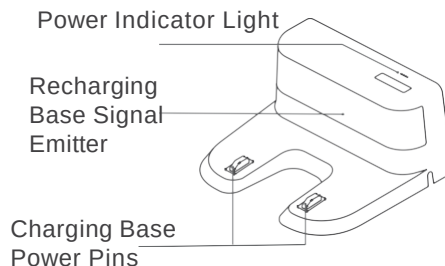
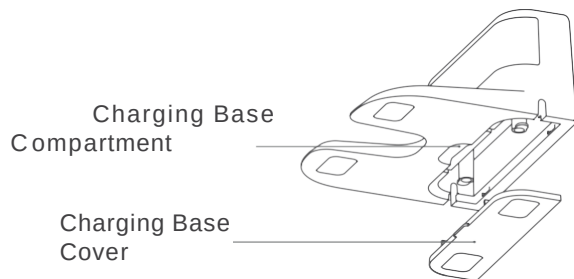
Indicator Light

- Blue: Connected to Wi-Fi
- Orange: Not connected to Wi-Fi
- Red: Error or low battery

Reset Wi-Fi

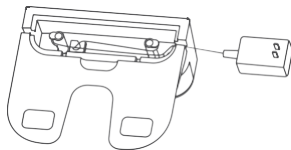
- Press and hold both buttons for 3 seconds

Charging Base



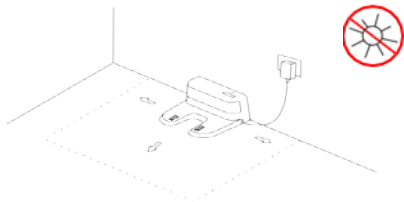
ROVE SETUP

1. Connect the adaptor power cable with the charging base, and then place any excess cable into the charging base's inner compartment.



2. Place the charging base against the wall on a flat surface. Then connect the base to a power supply.

Don't place charging base where it will be directly exposed to sunlight.

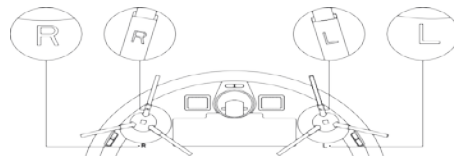


Note:

Ensure that the charging base has at least 0.5 m of free space on both sides, and 1.5 m of free space in front of it. During installation, keep the power cable off the ground. When the power cable is on the ground, it may be dragged by the robot, which will cause the charging base to power off. The charging indicator light will remain on as long as the charging base has power.

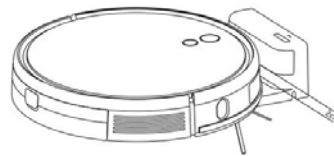
3. Install the Side Brushes

Align the left and right brushes with the corresponding markings on the bottom cover of the device. Press side brushes down until they click.



4. Power On and Charging

Press and hold the  button to turn on the device. Wait until the indicator light turns on, and then place the device on the charging base.



Note: This device cannot start if it does not have enough power. Place the device on the charging base, and it will automatically turn on when it has enough power. The device can work normally only when the battery is $\geq 20\%$ charged. As shown in the figure above, the front of the device should face the charging base so that the charging contact of the robot is touching the wireless power receiver. The distance between the front of the device and the charging base should be around 2 cm.

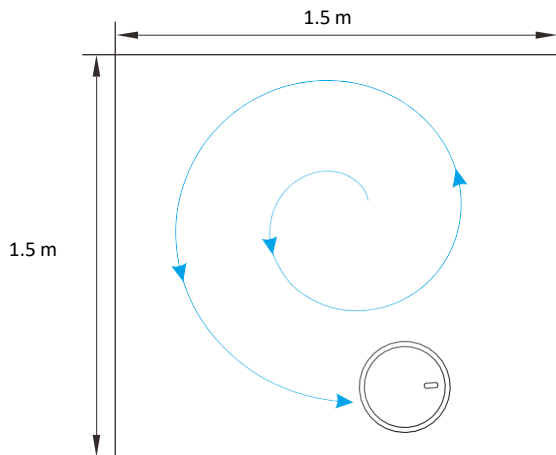
ROVE

USAGE INSTRUCTION

ROVE

SPOT CLEANING MODE

Users can select the desired area on the app to deep clean it. The vacuum will automatically drive through the area and start spot cleaning in a 1.5m x 1.5m area.



SCHEDULED CLEANING

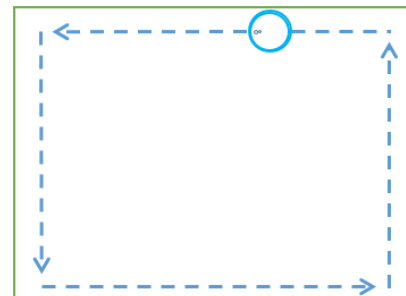
Users can use the app to set scheduled cleaning times. The device will start cleaning based on the set times. The device will return to the charging base once completed.

DND MODE

Users can select DND MODE in the app so the device can clean the floor without any voice command. Available timing of DND mode can be set / modified through the app.

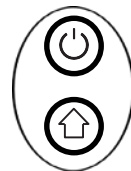
EDGE CLEANING MODE

Users can select edge cleaning mode on the app or remote control to deep clean an edge of a room. The vacuum will automatically drive along the edge and start to edge clean for 2 cycles/20 mins. Once edge cleaning has been completed, the robot will go back to the charging base automatically.



Wi-Fi RESET

If the cell phone cannot be connected to the robot vacuum due to change of router configuration / password or for any other reasons, please reset the Wi-Fi. Press and hold the  key and  key simultaneously for 3 seconds. "Wi-Fi has been reset" voice command will be read, and the indicator light will turn purple and flick slowly.



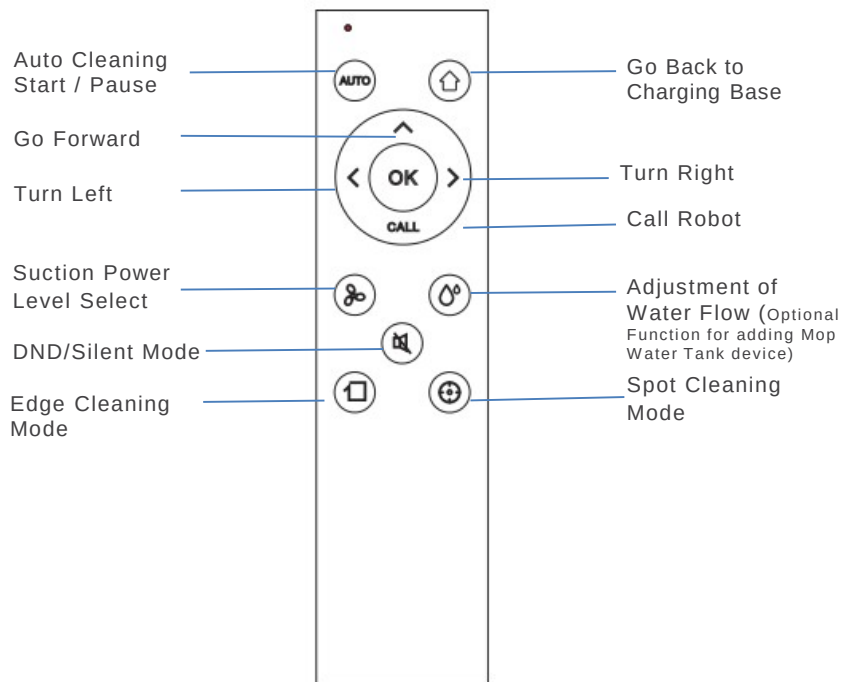
SUCTION POWER LEVEL

The app allows users to select up to 3 different suction levels: Gentle, Normal or Strong. The vacuum's default suction power level is Normal.

USAGE INSTRUCTION

ROVE

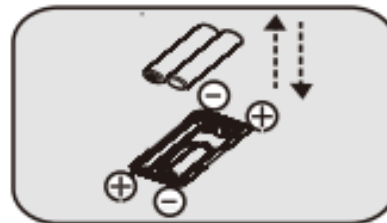
Remote Control



Remote Control Batteries



1. Open the battery cover.



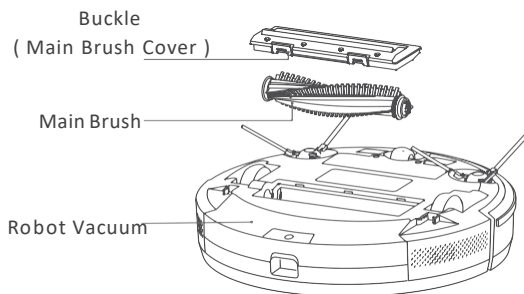
2. Insert two AAA batteries into the battery compartment as shown in the diagram above.

ROUTINE MAINTENANCE

ROVE

Main Brush

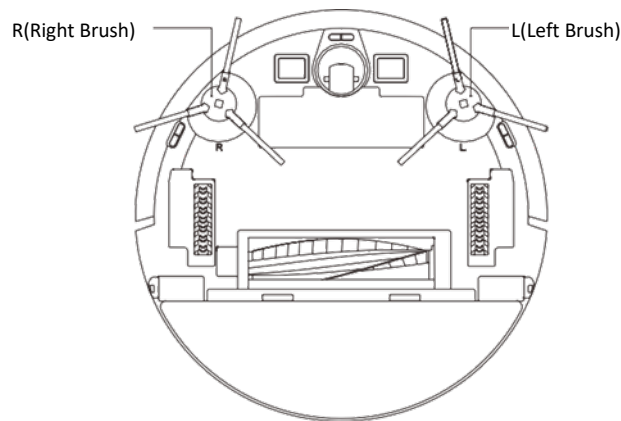
1. Flip over the device. Press the buckle on the main brush cover to take out the main brush.
2. Use the cleaning brush to remove dust & debris which may have been stuck in the main brush cavity and main brush body.
3. Reinstall the main brush, then the main brush cover. Once the brush cover has been securely installed, there will be a click sound.



Side Brush

1. Flip over the device and pull out the side brushes vertically.
2. Reinstall the brushes after removing any trapped debris and dirt.
3. Align the left and right brushes with the corresponding markings (L/R) on the bottom cover, and then press down to install.

Note: It is recommended to replace the side brushes once every 3 to 6 months to ensure optimal performance.

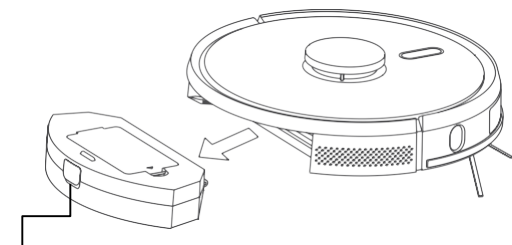


ROUTINE MAINTENANCE

ROVE

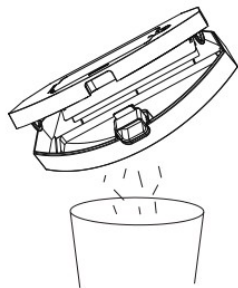
Dust Bin

1. Press and hold the dust bin release button, then pull out the dust bin as shown below.



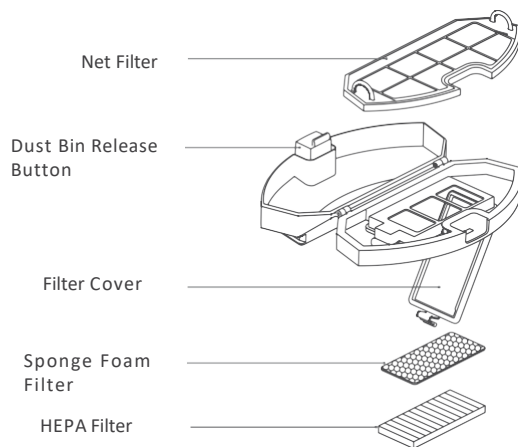
Dust Bin Release Button

2. Open the dust bin and empty the dirt into the trashcan. Once cleaned, close the dust bin cover and then slide it in vacuum body.



Filters

1. After a long period of use, remove the Net Filter, Sponge Foam Filter and HEPA Filter.
2. Rinse the removed filters and dust bin under a tap.
3. After rinsing, shake off water drops. Let the filters and dust bin air dry completely.
4. After thoroughly drying, reinstall the filters in the following order: Net Filter > Sponge Foam Filter > HEPA Filter (shown in the diagram below).



Note:

- Rinse the filters with clean water only. Do not add any detergents.
- Do not use a brush or your fingers to clean the filters.
- Allow the filters to dry thoroughly for at least 24 hours.
- It is recommended to replace the filters every 3-6 months.

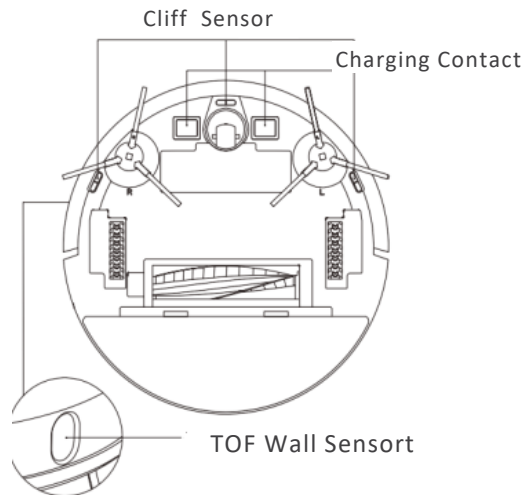
Battery

- The vacuum robot is equipped with a high-performance lithium-ion battery. To ensure optimal battery performance, keep the device charged.
- If you do not intend to use the device for a long period of time, turn it off and store it in a safe place. Charge the device at least once every 3 months in order to prevent damage to the battery due to over-discharge.

Sensors (Regular Clean)

Use a soft, dry cloth to wipe all the sensors on the device, including the following:

1. The TOF Wall Sensor on the right of the vacuum
2. The Cliff Sensor on the bottom of the vacuum
3. The Obstacle Detection Sensor on the front of the vacuum
4. The Charging Contact Plate on the bottom of the vacuum and power charging pins on the charging base (**WARNING: Please turn off the power before cleaning**)
5. The Charging Base Signal Emission Window



PRODUCT INFORMATION

ROVE

Vacuum Robot

Product Name	Rove G2800 Gyroscope Navigation Robot Vacuum Cleaner
Model Number	G2800
Dimensions	350 x 350 x 80 mm
Weight	2.95 kg
Battery	2600mAh Lithium Battery
Input Voltage	14.4V
Rated Power	25W

Charging Base

Dimensions	160 x143 x 80 mm
Rated Power	24W
Rated Output	24W

ERROR CODE	Solution
Error 1: Dust bin removed, please check and restart	The device was started without a dust bin. Reattach the dust bin and start the device again .
Error 2: Clean the bottom sensor and restart in new position.	The cliff sensor has been obstructed or placed on non-level ground. Wipe the window of the cliff sensor with a soft, dry cloth or move the device to level ground, then restart the device.
Error 3: Clean the front sensor and restart in new position.	The front obstacle detection sensor is dirty or has been blocked. Wipe the front obstacle detection sensor with a soft, dry cloth
Error 4: Clean the right-side sensor and restart in new position.	The TOF wall sensor is dirty or has become obstructed. Wipe the TOF wall sensor with a soft, dry cloth.
Error 5: Bumper may be stuck. Please check.	The edge or bumper sensor is stuck. Move the front bumper left and right to ensure there's no jam.
Error 6: Main wheel may be stuck. Please check.	The driving wheel is stuck. Check the primary wheel and remove any foreign objects.
Error 7: Brush bar may be stuck. Please check.	The main brush is stuck. Check the main brush and remove any foreign objects.
Error 8: Side brush may be stuck. Please check.	The side brush is stuck. Check the side brush and remove any foreign objects.

ERROR CODE	SOLUTION
Error 9: Error, shutting down.	Please power off and restart the machine. In cases of repeated failure, please arrange maintenance for the device.
Error 10: Something went wrong, please restart.	Please check the robot's status and restart it.
Error 11: Please restart in new position.	Please move the robot to a flat surface and restart cleaning.
Error 12: Robot blocked. Restart in new position.	Move the device to a non blocked area, then restart cleaning.
Error 13: Robot inclined, restart in level surface	Move the device to a level surface, then restart.
Error 14: Charge station not found.	If the device says that the charging base is not found. Please check the charging base indicator light is on or move the device back to the charging base.
Error 15: Battery low.	Place the product on the charging base.
Error 16: Remove from charge station to power off.	The product cannot shut down when device is on the charging base. Move the product away from the charging base, and then press and hold the power button for device shut down .

Problem Type	Solution
Cannot be started	- The battery is low. Place the device on the charging base and align its charging contact onto the charging base power charging pins. The device should automatically turn on. If the device is out of power, it may take some time to turn on. - The ambient temperature exceeds the normal operating range of 32-104°F. Only use this product in an environment which is under normal operating range of 32-104°F.
Cannot be charged	- Remove the device and check whether the charging base indicator light is on or not. Ensure that both the charging base power charging pins are well connected with the vacuum robot device charging contact plate. - The side brush may block the connection between the charging contact plate and charging base power charging pins. Move the side brush to ensure there's no blockage. Clean the charging contacts on both the charging pins and device contact plate.
Cannot go back to Charging Base	The product is too far away from the charging base. Move it closer and try again.
Abnormal noise during operation	Foreign objects may be trapped in the primary brush, side brushes, or wheels. Turn off the product and clear the foreign objects, then restart device.
Reduced cleaning performance or dust blockage from device	- The dust bin is full and needs to be cleaned. - The filter is blocked and needs to be cleaned or replaced. - The main brush is stuck with a foreign object and needs to be cleaned.
Cannot connect to Wi-Fi	- Weak Wi-Fi signal. Make sure the product is in an area with good Wi-Fi signal coverage. - Wi-Fi connection error has occurred. Download the latest version of the app and reset the Wi-Fi connection. Try again. - Incorrect Wi-Fi password. - The router is running on a 5GHz network. The router needs to setup a 2.4 GHz network. This device only supports Wi-Fi connection with 2.4GHz networks.
Consuming power while device is placed on the charging base	When the product is on the charging base, it will consume a minimum amount of power to optimize battery performance.

WARRANTY – 1 YEAR LIMITED WARRANTY

ROVE

The 1-Year Limited Warranty applies to purchases made from authorized retailers of WiiRobot Co Limited (ROVE). Warranty coverage applies to the original owner and to the original product only and is not transferable.

ROVE warrants that the unit shall be free from defects in material and workmanship for a period of 1 year from the date of purchase when it is used under normal household conditions and maintained according to the requirements outlined in this instruction manual, subject to the following conditions and exclusions.

What is covered in my warranty?

1. The original unit and/or non-wearable components deemed defective, in ROVE 's sole discretion, will be repaired or replaced for up to 1 year from the original purchase date.
2. In the rare event that a replacement unit is issued, the warranty coverage ends six months following the receipt date of the replacement unit or the remainder of the existing warranty, whichever is greater. If the unit is replaced, ROVE reserves the right to replace the unit with one of equal or greater value.

What is not covered in my warranty?

Our Customer Service/Product Specialists are available to provide all the warranty service options available to you, including the possibility of upgrading to our VIP Warranty Service Options for select product categories.

1. Normal wear and tear of wearable parts such as foam filters, HEPA filters, pads etc., which require regular maintenance and/or replacement to ensure the proper functioning of your unit are not covered by this warranty.
2. Any unit that has been tampered with or used for commercial purposes.
3. WiiRobot (ROVE) will cover the cost for the customer to send in the unit to us for repair or replacement.
4. Damage caused by misuse, abuse, or negligent handling, or damage due to mishandling in transit.
5. Consequential and incidental damages.
6. Defects caused by or resulting from damages from shipping or from repairs, service or alteration to the product or any of its parts which have been performed by a repair person not authorized by ROVE.
7. Products purchased, used or operated outside of North America.

Problems with your unit/How to get service

If your appliance fails to operate properly while in use under normal household conditions within the warranty period, please send us email ing.support@beaninformationlogistics.com for product care/maintenance self-help. Our Customer Service and product specialists are also available at 1- 888-737-9984 to assist with product support and warranty service options.

How to initiate a warranty claim

You can call 1- 888-737-9984 to have a Customer Service specialist assist you. Please note you must call 1- 888-737-9984 to initiate a warranty claim. Return and Packing Instruction information will be provided at that time.

FCC Statement

ROVE

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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.

***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.

WARRANTY CARD



IMPORTANT INFORMATION

Support

Toll-free Customer Support: 888-737-9984

E-mail support: ing.support@beaninformationlogistics.com

Hours of Operation: Monday-Friday

8:30AM – 3:30PM PST (closed holidays)

Safety & Handling

Fire Hazard Warning

Use of an AC Adapter / Charger other than the one supplied with this product may result in overheating the battery, damaging the product and potentially becoming a fire hazard. WiiRobot Co.,Ltd. is not responsible for any damages caused by use of an AC Adapter / Charger.

Battery: The battery used in the Vacuum Robot is Lithium-Ion. Lithium-Ion batteries should be properly disposed of when damaged or disposed.



WARRANTY

ROVE

Products: ROVE G2800

Warranty Term: WIROBOT CO. LTD (ROVE) warrants this unit against defects in material and workmanship for a period of one (1) year from the original date of purchase.

Parts and Labor: If the unit is found to be defective during this warranty period, WIROBOT CO. LTD will repair the unit using new or "refurbished" parts or replace it with a new or "refurbished" product. "Refurbished" part or "refurbished" product means a part or product that has been restored to its original specification. Repair of the unit or replacement of the unit is at the sole discretion of WIROBOT CO. LTD. Labor charges will be covered by WIROBOT CO. LTD within the warranty period. Repaired or replaced parts or products will be warranted for the remainder of the original warranty period, or ninety (90) days, whichever is longer.

Limitations: This Limited Warranty covers defects in material and workmanship which occur during normal use. It does not cover issues caused by acts of God or occurrences of nature, misuse, abuse, accidental damage, damage in transit, cosmetic defects, contact with foreign substances causing damage, or damage caused by extreme temperature. This limited warranty also does not cover defects caused by unauthorized modifications or calibrations, reception issues, the intrusion of foreign elements such as computer or internet viruses, damage caused by installation, or the use of parts. Any charging device or power supply not supplied by ROVE for its model is considered unauthorized. Any damage caused by using this product due either to the unauthorized accessory, to the ROVE product or to any item, belonging, person, animal or other entity is not the responsibility of WIROBOT CO. LTD. Further, any damage to the ROVE product caused by using an unauthorized accessory is not covered under this warranty. Proof of purchase or a receipt showing date of original purchase must be presented for this warranty to be honored.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED IN THIS DOCUMENT. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION AS OUTLINED ABOVE, INCLUDING IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE FOR COMMERCIAL PURCHASERS ARE EXCLUDED. BEAN INFORMATION TECHNOLOGY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THE TOTAL LIABILITY TO BEAN INFORMATION TECHNOLOGY FOR ANY AND ALL LOSSES AND DAMAGES DUE TO ANY CAUSE WHATSOEVER, SHALL NOT EXCEED THE PURCHASE PRICE OF THIS PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. Please consult applicable state laws for a determination of your rights. There shall be no extensions, modifications or additions to this warranty authorized by any agent or employee of WIROBOT CO. LTD or by any of its distributors or resellers.

Obtaining Warranty Service: Please contact BEAN INFORMATION TECHNOLOGY Customer Service (as outlined below) for detailed instructions to obtain warranty service.

Warranty Service Inquiries:

E-mail support: ing.support@beaninformationlogistics.com

Toll-free Customer Support: 888-737-9984

Hours of operation:
Monday-Friday 8:30AM – 3:30PM PST (closed holidays)

Warranty service is only available from an Authorized WIROBOT CO. LTD Warranty Service Center. The nearest Authorized Warranty Service Center can be determined by contacting WIROBOT CO. LTD Customer Service. Products requiring warranty service must be shipped to the WIROBOT CO. LTD Authorized Warranty Service Center freight prepaid, in original packaging or packaging with the same degree of protection as original packaging. WIROBOT CO. LTD, or an Authorized WIROBOT CO. LTD Warranty Service Center will ship your product back to you freight prepaid upon completion of warranty service. All products submitted for warranty service must contain a copy of the original dated receipt and must have the factory applied serial number affixed to the product. WIROBOT CO. LTD is not responsible for damage incurred by freight.

Prior to delivering or shipping any products for warranty service you must obtain a Warranty Service Authorization from WIROBOT CO. LTD Customer Service.

This warranty is valid for covered product sales in the United States, Canada and Puerto Rico only, and covers units which are used only in the United States, Canada and Puerto Rico.

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