Roborock S8+

Robotic Vacuum Cleaner User Manual

Read this user manual with diagrams carefully before using this product and store it properly for future reference.

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Safety Information

Restrictions

- Do not use this product on elevated surfaces without barriers such as the floor of a loft, an open-ended terrace, or on top of furniture.
- To prevent blocking the product and to avoid damage to valuables, remove lightweight items (such as plastic bags) and fragile objects (such as vases) from the floor before cleaning.
- Do not place any object (including children and pets) on the product, whether it is in operation or not.
- Do not use the product on burning objects (such as cigarette butts).
- Do not use the product to clean hard or sharp objects (such as decoration wastes, glass and nails).
- The product must be switched off and the plug must be removed from the socket outlet when not in use, before cleaning or maintaining the product.
- Do not place any object near the suction inlet of the dock.
- Do not put fingers into the seam of the dock to avoid possible injury.
- Do not operate the product in a room where an infant or child is sleeping.
- Do not carry the product using a dock base or dustbin.
- Make sure the robot is compatible with the dock, otherwise emptying or charging may fail.
- Do not use the dock to pick up stones, paper scraps, or other objects that may block the air duct. If the air duct gets blocked, clean it immediately.
- Place the dock on a flat floor away from fire, heat, and water. Avoid narrow spaces or locations where the robot may be suspended in air.
- Do not place any object (including children and pets) on the dock or cover it with any item (including dust-proof cover), whether it is in operation or not.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ash.
- Do not use the dock to pick up flammable or explosive objects such as fire lighter, gasoline, and toner used in printers or copiers.

Safety Information

Battery and Charging

WARNING

- For the purposes of recharging the battery, only use the detachable supply unit roborock CDZ12RR, CDZ20RR, AED06HRR or AED07HRR provided with this product.
- If placing the robot into storage, charge it fully and turn it off before placing it in a cool dry place. Recharge it at least every three months to prevent the battery over discharging.
- In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- Be sure that the supply voltage meets the requirements listed on the dock.
- Only use the power cable provided with the product to prevent potential smoke, heat or fire.
- Do not use the product with any type of power adapter, as this may cause danger and void the warranty.
- If the dock is placed in an area susceptible to thunderstorms or with unstable voltage, take protection measures.
- Unplug the power cable before placing the dock into storage.

A Product Overview

A1 Robot (Top View)

Power/Clean
- Press and hold to turn the robot on or off
- Press to start cleaning

Power Indicator
- White: Battery level ⩾ 20%
- Red: Battery level < 20%
- Pulsing: Charging or starting up
- Flashing red: Error

Spot Clean/Child Lock
- Press to Spot clean
- Press and hold for 3 seconds to turn on/off the child lock

Dock
- Press to return to dock/start emptying

Note: Press any button to stop the robot during cleaning or docking.

A1-1—Vertical Bumper
A1-2—LiDAR Sensor
A1-3—Wall Sensor
A1-4—Reactive 3D Obstacle Avoidance Sensor
A1-5—Infrared Fill Light

A2 Robot (Bottom View)

A2-1—Cliff Sensors
A2-2—Carpet Sensor
A2-3—Omnidirectional Wheel
A2-4—Charging Contacts
A2-5—Side Brush
A2-6—Main Brushes
A2-7—Main Brush Cover
A2-8—Main Wheels

A3 Robot (Upper Cover Open)

A3-1—WiFi Indicator Light
- Off: WiFi disabled
- Flashing slowly: Waiting for connection
- Flashing quickly: Connecting
- Steady: WiFi connected

A3-2—Reset Button
A3-3—Water Tank Latch
A3-4—Water Tank
A3-5—VibraRise Module
A3-6—Air Outlet
A3-7—Bumper

A4 Dustbin

A4-1—Filter Cover
A4-2—Dustbin Latch
A4-3—Cover Latch
A4-4—Air Inlet
A4-5—Washable Filter

A5 Power Cable

A6 Electric Water Tank

A6-1—Stopper
A6-2—Water Filter
A6-3—Water Tank Latch

A7 VibraRise Mop Cloth Mount

A7-1—Vibration Module
A7-2—Mop Cloth Attachment Slot
A7-3—Mop Cloth Mount Latches

A8 VibraRise Mop Cloth

A8-1—Hook and loop pads

A9 Dustbin (Disposable Dust Bag Pre-Installed)

A10 Dustbin Cover

A11 Disposable Dust Bag

A12 Base

A12-1—Air Duct Cover Screws (10)
A12-2—Air Duct Cover
A12-3—Screwdriver
A12-4—Base Fastening Screws (6)

A13 Auto-Empty Dock

A13-1—Dustbin Cover
A13-2—Dustbin
A13-3—Base
A13-4—Status Indicator Light
- Steady white: Standby
- Flashing white: Emptying
- Steady red: Malfunction
- Light off: Charging Robot/Not Powered On

A13-5—Dock Location Beacon
A13-6—Charging Contacts
A13-7—Suction Inlet
A13-8—Electrode Brushes

A14 Auto-Empty Dock (Cover Removed)

A14-1—Dust Bag Slot
A14-2—Filter

A15 Power Cable Storage

A15-1—Power Cable Storage Slot
A15-2—Cable Outlet
A15-3—Power Port

Note: Power cable can be pulled out at both sides.

B Installation

B1 Important Information

B1-1— Tidy cables and loose items from the ground and move any unstable, fragile, precious, or dangerous items to prevent personal injury or property damage due to items becoming tangled in, struck by, or knocked over by the robot.

B1-2— When using the robot in a raised area, always use a secure physical barrier to prevent accidental falls that may result in personal injury or property damage.

Note: When using the robot for the first time, follow it throughout its whole cleaning route and watch for potential problems. The robot will be able to clean by itself in future uses.

B2 Position the charging dock

B2-1— Take the screwdriver from its storage bin at the bottom of the base.

B2-2— Place dock upside down on a soft, flat surface (carpet/towel/ cloth) and attach the base by using the six screws provided.

Note: Hold the dustbin cover securely when upside down to prevent damage from falling.

B2-3— Connect the power cable to the dock, and keep the excess cable inside the storage slot.

B2-4— Place the dock on a hard and flat floor (wood/tile/concrete etc.), flat against a wall. Keep at least 0.3 m (1 ft) of clearance on either side and 1 m (3 ft) both in front and above. Make sure the location has good WiFi for a better experience with the mobile app, and then plug it in.

B2-4-1—more than 0.3 m (1ft)
B2-4-2—more than 1 m (3ft)

Notes:

- The status indicator light turns off automatically when the robot is charging.
- The status indicator turns red if an error occurs.
- Do not use without a dustbin cover or dust bag.
- Place the dock on a flat floor away from fire, heat, and water. Avoid narrow spaces or locations where the robot may be suspended in the air.
- Placing the dock on a soft surface (carpet/mat) may cause the dock to tilt over and cause problems docking and departing.
- Keep excess power cable inside the storage slot so that the robot will not get tangled in the cables, and the dock will not be dragged away or disconnect from the power supply.
- Keep the dock away from direct sunlight or anything that may block the dock location beacon; otherwise, the robot may fail to return to the dock.
- The Auto-Empty Dock recharges and empties. Store the standard robot dock before use. Failure to do so may cause issues returning to dock.
- Maintain the dock according to the maintenance instructions. Do not clean the dock with a wet cloth.

B3 Power on and charge the robot

Press and hold the ⏻ button to power on the robot. When the power light goes on, place the robot on the dock to charge. Make sure the charging dock power indicator turns off and a "charging" voice alert sounds. To maintain the performance of the high-performance lithium-ion rechargeable battery pack, keep the robot charged.

Note: The robot may not turn on when the battery is low. In this case, place the robot directly onto the dock to charge.

B4 Mopping

Note: To prevent excessive dirt buildup during first-time use, floors should be vacuumed at least three times before mopping.

B4-1—Remove the water tank

Press the water tank latch and slide the tank backwards.

B4-2—Fill the water tank

Remove the water tank stopper, fill the tank with water, and close it tightly.

Notes:

- To prevent corrosion or damage, only use the Roborock branded floor cleaner in the water tank.
- Do not use hot water as this may cause the tank to deform.

B4-3—Reinstall the water tank

Slide the water tank into the robot until you hear it lock with a click.

B4-4—Install the VibraRise mop cloth

Dampen the mop cloth and wring it until it stops dripping. Insert it into the bottom along the attachment slot and stick it firmly in place.

B4-5—Install the VibraRise mop cloth mount

Slide the VibraRise mop cloth mount forwards under the water tank. A click indicates that it is locked in place.

B4-6—Remove the VibraRise mop cloth mount

When the robot returns to the dock after cleaning, press the latches on both sides, and slide the VibraRise mop cloth mount backwards to remove it.

Notes:

- Wash the VibraRise mop cloth after each use, and regularly empty the water tank of unused water.
- Remove the VibraRise mop cloth mount when not mopping. The water tank can stay in place.

B4-7— ⚠ WARNING

Risk of injury. Do not place your finger between VibraRise mop cloth mount and water tank.

Connecting to the App

This robot supports both Roborock and Xiaomi Home apps. Choose the one that best meets your needs.

❶ Download App

Option 1: Search for "Roborock" in the App Store or Google Play or scan the QR code to download and install the app.

Option 2: Search for "Xiaomi Home" in the App Store or Google Play or scan the QR code to download and install the app.

❷ Reset WiFi

1. Open the top cover and find the WiFi indicator.
2. Press and hold the ⊡ and ⌂ buttons until you hear the "Resetting WiFi" voice alert. The reset is complete when the WiFi indicator flashes slowly. The robot will then wait for a connection.

Note: If you cannot connect to the robot due to your router configuration, a forgotten password, or any other reason, reset the WiFi and add your robot as a new device.

❸ Add device

Open the Roborock App, tap the "Scan to Connect" button, or open the Xiaomi Home app, tap "+" in the top right corner and add the device as instructed in the app.

Notes:

- The actual process may vary due to ongoing app updates. Follow the instructions provided in the app.
- Only 2.4 GHz WiFi is supported.
- If the robot waits more than 30 minutes for a connection, WiFi will be automatically disabled. If you want to reconnect, reset the WiFi before proceeding.

Instructions

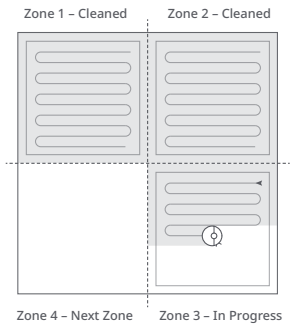
On/Off

Press and hold the ⏻ button to turn on the robot. The power indicator will turn on and the robot will enter standby mode. Press and hold the ⏻ button to turn off the robot and complete the cleaning cycle.

Note: The robot cannot be turned off when it is being charged.

Starting Cleaning

Press the ⏻ button to start cleaning. The robot will plan its cleaning route according to its scan of the room. It splits a room into zones, first draws out zone edges, and then fills the zone in a zigzag pattern. In so doing, the robot cleans all zones one by one, efficiently cleaning the house.



Notes:

- To allow the robot to automatically vacuum and return to the dock, start the robot from the dock. Do not move the dock during cleaning.
- Cleaning cannot start if the battery level is too low. Allow the robot to charge before starting the cleanup.
- If cleaning is completed in less than 10 minutes, the area will be cleaned twice.
- If the battery runs low during the cleaning cycle, the robot will automatically return to the dock. After charging, the robot will resume where it left off.
- When the VibraRise mop cloth mount is attached, the robot will retract it when cleaning the carpet. You can also set the carpet as a no-go zone in the app to avoid it.
- Before starting each mopping task, make sure that the VibraRise mop has been properly installed.

Spot Cleaning

Press the ⊡ button to start spot cleaning. Cleaning range: The robot cleans a 1.5 m (5 ft) x 1.5 m (5 ft) square area centered on itself.

Note: After spot cleaning, the robot will automatically return to the starting point and enter Standby mode.

Emptying

Auto-emptying will begin when the robot returns to the dock after cleaning. Press the Dock button to trigger emptying manually. Press any button to stop emptying.

Note: Avoid frequent manual emptying.

Pause

When the robot is running, press any button to pause it, press the ⏻ button to resume cleaning, and press the ⌂ button to send it back to the dock.

Note: Placing a paused robot on the dock manually will end the current cleanup.

Refilling the Water Tank or Cleaning the VibraRise Mop Cloth

To add water or clean the VibraRise mop cloth, press any button to stop the robot and remove the mopping module. After adding water or cleaning the VibraRise mop cloth, reinstall the mopping module and press the ⏻ button to continue.

Sleep

If the robot is paused for over 10 minutes, it will go to sleep, and the power indicator will flash every few seconds. Press any button to wake the robot up.

Notes:

- The robot will not go to sleep when it is charging.
- The robot will automatically shut down if left in sleep mode for more than 12 hours.

DND Mode

The default Do Not Disturb (DND) period is from 22:00 to 08:00. You can use the app to disable the DND mode or modify the DND period. When DND mode is activated, the robot will not automatically resume cleanup, the power indicator light will dim, and the volume of the voice prompts will lower.

Child Lock

Press and hold the ⊡ button to enable/disable the child lock. You can also set it in the app. Once enabled, the robot will not react to button presses when it is stationary. When the robot is cleaning or docking, press any button to stop it.

Charging

After cleaning, the robot will automatically return to the dock to charge.
In Pause mode, press the ⌂ button to send

the robot back to the dock. The power indicator will pulse as the robot charges.

Note: If the robot fails to find the dock, it will automatically return to its starting location. Place the robot on the dock manually to recharge.

Error

If an error occurs, the power indicator light on the robot will flash red or status indicator light on the dock will be steady red. A pop-up notification will receive in the app and a voice alert may sound.

Notes:
- The robot will go to sleep automatically if left in a malfunctioning state for over 10 minutes.
- Placing a malfunctioning robot on the dock manually will end the current cleanup.

System Reset

If the robot does not respond when a button is pressed or cannot be turned off, reset the system. Press the Reset button, and the robot will reset automatically.

Note: After resetting the system, scheduled cleaning, WiFi, etc. will be restored to factory settings.

Restore Factory Settings

If the robot does not function properly after a system reset, switch it on. Press and hold the ⌂ button and at the same time, press the Reset button until you hear the "Restoring factory settings" voice prompt. The robot will then be restored to factory settings.

C Routine Maintenance

C1 Main Brushes

*** Clean every 2 weeks and replace every 6-12 months.**

C1-1—Main Brush
C1-2—Main Brush Cover
C1-3—Latches
C1-4—Main Brush Bearing
C1-5—Main Brush Caps

C1-6—Turn over the robot and press the latches to remove the main brush cover.

C1-7—Remove the main brush and pull out the main brush bearing.

C1-8—Pull out the main brush caps.

C1-9—After removing the tangled hair or dirt at both ends of the main brush, reinstall it, press on the main brush cover to lock it in place.

Notes:
- Main brush should be wiped down with a wet cloth and left to dry away from direct sunlight.
- Do not use corrosive cleaning fluids or disinfectants to clean the main brush.

C2 Side Brush

*** Clean monthly and replace every 3-6 months.**

1. Unscrew the side brush screw.
2. Remove and clean the side brush. Reinstall the brush and tighten the screw.

C3 Omnidirectional Wheel

*** Clean as required.**

C3-1—Use a tool, such as a small screwdriver, to pry out the axle and take out the wheel.

Note: The omnidirectional wheel bracket cannot be removed.

C3-2—Rinse the wheel and the axle with water to remove any hair and dirt. Dry and reattach the wheel, pressing it firmly in place.

C4 Main Wheels

*** Clean monthly.**

Clean the main wheels with a soft, dry cloth.

C5 Dustbin

*** Clean as required.**

C5-1—Open the top cover of the robot and take out the dustbin.

C5-2—Open the dustbin cover and remove the filter, then empty the dustbin.

C5-3—Fill the dustbin with clean water and close the cover. Gently shake the dustbin, and then pour out the dirty water.

Note: To prevent blockage, only use clean water without any cleaning liquid.

C5-4—Leave the dustbin and the washable filter to dry.

C6 Washable Filter

*** Clean every 2 weeks and replace every 6-12 months.**

C6-1—Open the filter cover and remove the filter.

C6-2—Rinse the filter repeatedly and tap it to remove as much dirt as possible.

Note: Do not touch the surface of the filter with your hands, brush, or hard objects to avoid potential damage.

C6-3—Allow 24 hours for the filter to dry thoroughly and reinstall it.

Note: Purchase an additional filter and alternate if necessary.

C7 Water Tank

*** Clean as required.**

C7-1— Open the water tank and fill it with clean water.

C7-2— Close the water tank and shake it gently.

C7-3— Pour out the remaining water as shown.

C8 VibraRise Mop Cloth

*** Clean after each use and replace every 3-6 months.**

C8-1— Remove the VibraRise mop cloth from the VibraRise mop cloth mount. Clean the VibraRise mop cloth and air-dry it.

Note: A dirty VibraRise mop will affect the mopping performance. Clean it before use.

C9 Robot Sensors

*** Clean monthly.**

Use a soft, dry cloth to wipe and clean all sensors, including:

C9-1— Wall Sensor

C9-2— Reactive 3D Obstacle Avoidance Sensor

C9-3— Carpet Sensor

C9-4— Cliff Sensors

C10 Dust Bag Replacement

*** Replace as required.**

C10-1— Remove the dustbin cover vertically as shown.

C10-2— Lift the dust bag out of the dustbin and discard it.

Note: The dust bag handle seals the bag on removal to prevent dust leakage.

C10-3— Clean the filter with a dry cloth.

C10-4— Install a new dust bag in place along the slot and put the dustbin cover back.

C11 Air Duct

*** Clean as required.**

C11-1— Unscrew the screws (10) and remove the cover.

C11-2— Wipe the air duct and cover with a dry cloth.

C11-3— Reinstall the cover and screw it back in place.

C12 Charging Contact Areas

*** Clean as required.**

Use a soft dry cloth to wipe the charging contacts on the robot. Clean the dock location beacon, charging contacts, and electrode brushes on the dock.

Battery

The robot is equipped with a built-in high-performance lithium-ion rechargeable battery pack. To maintain battery performance, keep the robot charged during normal use.

Note: If the robot will be left unused for a long period, turn it off and charge it at least every three months to avoid battery damage caused by over-discharge.

Basic Parameters

Robot

Model	S80ULT
Battery	14.4V/5200mAh (TYP) lithium-ion battery
Rated Input	20VDC 1.2A
Charging Time	< 6 hours

Note: The serial number is on a sticker on the underside of the robot.

Auto-Empty Dock

Name	Auto-Empty Dock
Model	AED06HRR, AED07HRR
Rated Input Voltage	220-240VAC
Rated Frequency	50-60Hz
Rated Input (Dust Collection)	5A
Rated Input (Charge)	0.5A
Rated Output	20VDC 1.2A
Charging Battery	14.4V/5200mAh (TYP) lithium-ion battery

Common Issues

Problem	Solution
Unable to power on	• The battery level is low. Put the robot on the charging dock and charge it before use. • The battery temperature is too low or too high. Only use the robot within the range of 4-40°C (39-104°F).
Unable to charge	• Check the power indicator light turns on and that both ends of the power cable are properly connected. • If contact is poor, clean the contact areas on the charging dock and the robot.
Slow charging	• When used at high or low temperatures, the robot will automatically reduce its charging speed to extend battery life. • The charging contacts may be dirty. Wipe them with a dry cloth.
Unable to dock	• There are too many obstacles near the charging dock. Move it to an open area. • The robot is too far from the charging dock. Place it closer and retry.
Abnormal behavior	• Restart the robot.
Noise during cleaning	• The main brush, side brush, main wheels, or omnidirectional wheel may be jammed. Turn off the robot and clean them. • VibraRise system abnormal. Check for jammed objects.
Unable to connect to WiFi	• WiFi is disabled. Reset the WiFi and try again. • The WiFi signal is poor. Move the robot to an area with good WiFi reception. • Abnormal WiFi connection. Reset the WiFi, download the latest mobile app, and retry. • The current Roborock robot is not supported. You can find supported models in the app. • Unable to connect to WiFi abruptly. There may be an error with your router settings. Contact Roborock customer service for additional support.
Poor cleaning ability or dust falling out	• The dustbin is full and needs emptying. • The filter is blocked and needs cleaning. • The main brush is jammed and needs cleaning.

Common Issues

Problem	Solution
Scheduled cleaning is not working	• Keep the robot charged. Scheduled cleaning can only begin when the battery level is above 20%.
Is power always being drawn when the robot is on the charging dock?	• The robot will draw power while it is docked to maintain battery performance, but power consumption is minimal.
Does the robot need to be charged for at least 16 hours the first three times it is used?	• No, the robot can be used any time after it has been fully charged.
No or little water during mopping	• Check whether there is water in the water tank and use the mobile app to set the scrub intensity or check the manual for full instructions on how to correctly install the mop cloth and mop cloth mount.
Cleaning does not resume after recharging	• Make sure that the robot is not in DND mode. DND mode will prevent cleanup. When cleaning a space requiring a top-up charge, if the robot was placed manually on the charging dock before it returned to the dock automatically, it will not be able to continue cleanup.
The robot cannot return to the charging dock after spot cleaning or when it has been moved manually	• After spot cleaning or a significant position change, the robot will re-generate the map. If the charging dock is too far away, it may not be able to return to recharge and must be placed on the charging dock manually.
The robot has begun to miss certain spots	• The wall sensor or cliff sensors may be dirty. Wipe them with a soft dry cloth.
It takes a long time to fill the water tank	• The filter may be blocked and need cleaning.

Common Issues

Problem	Solution
Red LED indicator on the Auto-Empty Dock.	• The dustbin cover is not in place. Check and correct installation. • The fan is not operating properly. Potentially due to overheating protection resulting from frequent starting and stopping. Unplug the power cable and try again after 30 minutes. • Voltage error. Check that local voltage meets the requirements listed on the dock.
Reduced emptying performance or unusual noise when emptying.	• The main brush or main brush cover is not properly installed. Check and correct installation. • The filter, air duct, suction inlet, air inlet, or dustbin is blocked. Clean to remove blockages.
Auto-emptying does not start when the robot returns to the dock.	• Auto-emptying is disabled. Check in-app settings. • Dustbin cover is not in place. Check and install. • Auto-emptying will not be triggered if the robot is moved to the dock manually. Start emptying manually. • Auto-emptying will not be triggered if the robot returns to the dock without cleaning. • The robot will not auto-empty after returning to the dock in Do Not Disturb (DND) mode. Adjust cleaning or DND duration, or start emptying manually. • The battery level is lower than 10%. Charge the robot until the battery reaches 10%.