Roborock Q8 Max

Robotic Vacuum Cleaner User Manual

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

English 04
Français 13
Español 22

Contents

05 Safety Information

05 Battery and Charging

05 International Symbols Explanation

06 FCC/IC Statement

07 Product Overview

07 Installation

09 Connect to the App

09 Instructions

10 Routine Maintenance

11 Basic Parameters

12 Common Issues

Safety Information

- For use only with roborock CDZ12RR, CDZ20RR, AED06LRR or AED07LRR charger.
- Place the cords from other appliances out of the area to be cleaned.
- Do not use the mopping module on carpets.
- Do not operate the vacuum in a room where an infant or child is sleeping.
- Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
- Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
- Do not allow children to sit on the vacuum.

Battery and Charging

- Keep the charging dock away from heat (such as radiators).
- Do not wipe the charging contacts with wet cloth or wet hands.
- Turn the robot off and use original packaging for shipment.
- 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.
- Do not use the product when the temperature is higher than 40°C (104°F) or lower than 4°C (39°F), or there is any liquid or sticky substance on the floor.

International Symbols Explanation

~ – ALTERNATING CURRENT symbol [symbol IEC 60417-5032 (2009-02)]
⎓ – DIRECT CURRENT symbol [symbol IEC 60417-5031 (2009-02)]

FCC/IC Statement

Compliance Information	
Product Name	Robotic Vacuum Cleaner with Charging Dock
Product Model	Robotic Vacuum Cleaner Model: Q80ULL Dock Charger Model: CDZ12RR or CDZ20RR Auto-Empty Dock Model: AED06LRR, AED07LRR
Compliance Statement	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. This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.
Correspondence of the responsible party in USA	
Company	Roborock Technology Co.
Address	ROOM 1227, 12TH FLOOR, 1000 N. WEST STREET, WILMINGTON, DE 19801
Email	support@roborock.com

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%
  - Breathing: Charging or starting up
  - Flashing red: Error
- WiFi Indicator Light
  - Flashing blue slowly: Waiting for connection
  - Flashing blue quickly: Connecting
  - Steady blue for five seconds: WiFi connected
- 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

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—Dock Locator
A1-5—Reactive Tech Obstacle Avoidance Sensor

A2 Robot (Bottom View)

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

A3 Robot

A3-1—Reset Button
A3-2—Air Vent
A3-3—Mop Cloth Mount
A3-4—Bumper

A4 Dustbin and Water Tank Combo Unit

A4-1—Latch
A4-2—Stopper
A4-3—Water Filter
A4-4—Washable Filter

A5 Charging Dock

A5-1—Power Indicator
A5-2—Dock Location Beacon
A5-3—Charging Contacts
A5-4—Power Socket
A5-5—Electrode Brushes

A6 Power Cable

A7 Mop Cloth Mount

A7-1—Mop Cloth Attachment Slot
A7-2—Mop Cloth Mount Latches

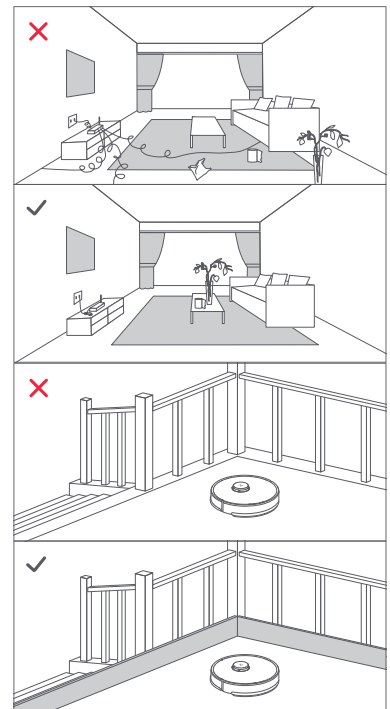
A8 Mop Cloth

A8-1—Hook and Loop Pads

A9 Moisture-Proof Mat

B Installation

Important Information



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.

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.

B1 Position the Charging Dock

Keep the Charging Dock on a level surface, flat against a wall. Connect the power cable to the Charging Dock and tidy cables from the floor. To ensure a better user experience of the mobile app, place the Charging Dock in an area with good WiFi coverage.

B1-1 More than 0.5m (1.6ft)
B1-2 More than 1.5m (4.9ft)

Notes:

- Allow at least 0.5m (1.6ft) of clearance on each side, and more than 1.5m (4.9ft) in front of the charging dock.
- If the power cable hangs vertical to the ground, it may be caught by the robot, causing the charging dock to be disconnected.
- The charging dock indicator is on when the charging dock is electrified, and off when the robot is charging.
- Do not place the charging dock in places that are directly exposed to sunlight, or block the location beacon. Otherwise the robot may not be able to automatically return to the charging dock.

B2 Secure the charging dock with the adhesive tape

Wipe the floor of the area where the charging dock will be placed with a dry cloth, then secure the dock in place using double-sided tape at the bottom of the dock.

Note: When necessary, remove the double-sided adhesive tape slowly to reduce residue glue.

B3 Attach the Moisture-Proof Mat

After fixing the charging dock in place, use a dry cloth to clean the area where the Moisture-Proof Mat will be located. Tear off the double-sided tape at the bottom of the Moisture-Proof Mat, and stick the mat on the floor .

Notes:

- Always place the Moisture-Proof Mat on wooden floors.
- The Moisture-Proof Mat attaches best to smooth surfaces.
- When necessary, remove the double-sided adhesive tape slowly to reduce residue glue.

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—Press the latch and slide the dustbin and water tank combo unit 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.
- When filling the water tank, tilt tank 30° to avoid wetting the filter.

B4-3—Reinstall the dustbin and water tank combo unit

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

B4-4—Install the mop cloth

Wet the mop cloth and wring it until it stops dripping, then slide it along the mop cloth slot before sticking it firmly in place.

Note: Only use the official Roborock mop cloth.

B4-5—Install the mop cloth mount

Slide the mount forwards along the bottom of robot until it clicks in place.

Note: Clean the mop cloth after 60 minutes of mopping to maintain water flow and cleaning quality.

B4-6—Remove the mop cloth mount

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

Notes:

- Wash the mop cloth after each use, and regularly empty the water tank of unused water.
- Remove the mop cloth mount when not mopping.

Connect to the App

This robot supports both Roborock and Mi 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 "Mi Home" in the App Store or Google Play or scan the QR code to download and install the app.

❷ Reset WiFi

Press and hold the ⌂ and ◱ buttons until you hear the "Resetting WiFi" voice alert. The reset is complete when the WiFi indicator light flashes blue 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 the "Search for device" button, or open the Mi 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

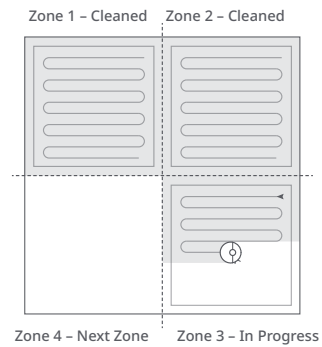
On/Off

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.
- Before starting each mopping task, make sure that the mop has been properly installed.

Spot Cleaning

Press the button to start spot cleaning. Cleaning range: The robot cleans a 1.5 m (4.9 ft) x 1.5 m (4.9 ft) square area centered on itself.

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

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 Mop Cloth

To add water or clean the mop cloth, press any button to stop the robot and remove the mopping module. After adding water or cleaning the 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 breathe 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 will flash red and a voice alert will 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 latch to remove the dustbin and water tank combo unit and find the Reset button.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 and Water Tank Combo Unit

*** Clean weekly and replace the filter every 6-12 months**

C5-1—Press the latch to remove the unit. Remove the washable filter then empty the dustbin.

C5-2—Empty the water tank of unused water.

C5-3—Fill the dustbin with clean water and gently shake it. Then pour out the dirty water.

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

C5-4—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.

C5-5—Allow 24 hours for the filter to dry thoroughly and reinstall it.

Note: Purchase an additional filter and alternate if necessary.

C6 Mop Cloth

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

Remove the mop cloth from mop cloth mount. Clean the mop cloth and air-dry it.

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

C7 Robot Sensors

*** Clean monthly.**

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

C7-1—Dock Locator

C7-2—Reactive Tech Obstacle Avoidance Sensor

C7-3—Wall Sensor

C7-4—Cliff Sensors

C8 Charging Contact Areas

*** Clean monthly.**

Use a soft dry cloth to wipe the charging contacts on the charging dock and the robot.

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	Q80ULL
Battery	14.4V/5200mAh (TYP) lithium-ion battery
Rated Input	20V ⎓ 1.2A
Charging Time	< 6 hours

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

Charging Dock

Model	CDZ12RR or CDZ20RR
Rated Power	28W
Rated Input	100-240V~
Rated Output	20V ⎓ 1.2A
Rated Frequency	50-60Hz
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.
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. • 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 washable filter is blocked and needs cleaning. • The main brush is jammed and needs cleaning.

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 water flow or check the manual for full instructions on how to correctly install the dustbin and water tank combo unit, mop cloth mount and mop cloth.
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 water filter may be blocked and need cleaning.