

Roborock H60 Hub Ultra

Cordless Stick 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

Usage Restrictions

- Do not use this product outdoors or in any commercial or industrial environments. It is intended for home use only.
- Do not store the product anywhere in a car to avoid high or low temperatures affecting its battery life.
- The battery pack of this cleaner cannot be used for charging or discharging in environments with high humidity, or temperatures above 40°C (104°F) or below 4°C (39°F).
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety (CB).
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision (EU).
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Keep limbs and pets away from the rotating brush heads to avoid injury.

- Do not touch the power cord, nor operate the product with wet hands to prevent injuries.
- Do not vacuum any burning or smoking substances (such as non-extinguished cigarette butts).
- Do not vacuum any hard or pointy objects (such as building materials, glass, and nails).
- This product is only to be used in areas below 3,000 meters above sea level.
- Do not vacuum cords or other cables to avoid danger.
- Only use the product in accordance with the User Manual. Any loss or damage caused by improper use will be borne by the user.
- Roborock disclaims all liability for indirect, punitive, incidental, or consequential damages resulting from the use, misuse, or inability to use this product. This disclaimer does not affect any statutory rights that may not be disclaimed under applicable law.

Battery and Charging

WARNING

- Do not charge non-rechargeable batteries.
- For the purposes of recharging the battery, this product can only be charged using the MDS23HRR docking station.
- Do not use any third-party batteries, power cords or docks.
- To reduce the risk of injury from moving parts, keep the power off before servicing.
- Do not disassemble, repair or modify the battery, power cord or the dock.
- Do not charge the vacuum or install the dock near heat sources or in humid areas (such as radiators or bathrooms).

- Do not wipe the power cord or the dock with a wet cloth, nor touch them with wet hands.
- If the power cord is damaged or broken, immediately stop use and contact the after-sales service.
- If the product is not going to be used for an extended period of time, fully charge it, unplug its power supply, and place it in a cool and dry place.
- Make sure that you recharge it once every three months to avoid battery overdischarge.
- Do not discard waste batteries. Leave them with a professional recycling organization.
- If the power cord is damaged, it must be replaced by the manufacturer, its service department or a specialist from a similar department in order to avoid danger.

Transportation

- It is recommended to transport the product in its original packaging.

Note

- Clean the filter cartridge with the frequency as suggested in the Routine Maintenance section.

International Symbols Explanation

 —For indoor use only.

A Product Introduction

A1 Vacuum Cleaner

 —Switch Mode

 —Power

A1-1—Screen

A1-2—Main Unit

A1-3—Dust Bin

A1-4—Dust Evacuation Port

A1-5—Dust Bin Release Button

A1-6—Multi-Surface Brush

A1-7—Battery Status Indicator

A1-8—Anti-Static Point

A1-9—Battery Pack Release Button

A1-10—Charging Contacts

A1-11—Telescopic Wand Release Button

A1-12—Telescopic Wand Extension
Component

A1-13—Telescopic Wand

A1-14—Multi-Surface Brush Release Button

A2 Motorized Mini-Brush

A3 2-in-1 Cleaning Head

A4 Disposable Dust Bag

A5 Multi-Surface Brush

A6 Telescopic Wand

A7 Auto-Empty Dock

A7-1—Dust Evacuation Button

Start/Stop dust evacuation

Dust Evacuation Indicator

White: Wait for orders

Flash white once: Ready to evacuate dust

Flash orange: Dust bag not installed or full

A7-2—Dust Bag

A7-3—Magnetic Cover

A7-4—Power Cord

A7-5—Dust Evacuation Port

A7-6—Charging Contacts

A7-7—Motorized Mini-Brush

A7-8—2-in-1 Cleaning Head

A7-9—Front Foam Filter

A7-10—Air Vent Filter

Notes:

- Press and hold the Dust Evacuation button for 3 seconds to switch between automatic dust evacuation mode and manual dust evacuation mode.
- To refit the magnetic cover, insert its teeth into the slots of the auto-empty dock and push it into place.

B Installation

B1 Cleaner Heads

B2 Main Unit and Auto-Empty Dock

Push the main unit on the dock in a downward motion as shown until it clicks into place.

B2-1—Telescopic Wand Extension Component

B2-2—Dust Evacuation Button

Notes:

- Extend the telescopic wand when using the main unit, and retract the wand when placing it on the auto-empty dock.
- In automatic dust evacuation mode, the dust evacuation process will begin once the machine is placed back on the dock. Choose your preferred mode as needed.
- When the dust bag is full, replace it in time.

C Instructions for Use

C1 Charging

C1-1—The vacuum cleaner supports charging with the auto-empty dock.

Notes:

- Fully charge your machine before your first use.
- The battery temperature will be high after continuous use in MAX mode. A full charge at this time may take longer. It is recommended to cool down the main unit for 30 minutes before charging.
- Your machine cannot be started while charging.
- Place your machine back on the dock when not in use.
- Choose the suitable opening for your power cord as needed.

C1-2—Battery Status Indicator

Status	Item	Battery Status Indicator
Discharging	Battery Level	Battery level 100~67%: LED1, LED2, and LED3 in solid white Battery level 66~34%: LED1 and LED2 in solid white, LED3 off Battery level 33~10%: LED1 in solid white, LED2 and LED3 off Battery level 9~0%: LED1 flashing white at 1Hz, LED2 and LED3 off
	Battery Pack Error	LED2 flashing red at 1Hz and turning off after 15 seconds
Charging	Battery Level	Battery level 0~33%: LED1 flashing white at 0.5Hz, LED2 and LED3 off Battery level 34~66%: LED1 in solid white, LED2 flashing white at 0.5Hz, LED3 off Battery level 67~100%: LED1 and LED2 in solid white, LED3 flashing white at 0.5Hz Full battery: LED1, LED2 and LED3 in solid white and turning off after 2 minutes
	Battery Pack Error	LED2 flashing red at 1Hz and turning off after 15 seconds

C2 Screen

When charging, the screen shows the battery level. When 100 appears, charging is complete.

Note: The MED mode is used by default every time the vacuum cleaner is turned on.

C2-1—Current mode (three suction modes)

C2-2—Airway obstructed error

C2-3—Power button

C2-4—Battery level

Error alerts: Error icon steady on, error code in the middle flashing at 1Hz, and the screen turning off after 15 seconds.

- E1—Main motor error
- E2—Cleaner head error
- E3—Battery pack error
- E4—Charging error

C2-5—Switch Mode button

C2-6—Battery icon

Full charge: Icon steady on, battery level 100, screen turning off after 2 minutes.

Charging: Icon flashing, digital display of battery level, screen turning off after 2 minutes.

C2-7—Cleaner head blocked error

C2-8—Suction mode display

C2-8-1—ECO mode

C2-8-2—MED mode

C2-8-3—MAX mode

C3 Start Cleaning

To start vacuuming, press . The screen will turn on. By default, the MED mode is used.

Note: To stop vacuuming, press .

C4 Auto-Empty Dock

C4-1—Position your dock near an outlet and plug the power cord into the outlet.

C4-2—Align the dust evacuation port of the main unit with that of the dock and push the main unit on the dock in a downward motion until it clicks into place.

C4-3—In manual dust evacuation mode, to start dust evacuation, press the dust evacuation button.

Notes:

- If the dust bag is full or the airway is obstructed during dust evacuation, the process will stop immediately. Meanwhile, the dock cannot evacuate dust again.
- If the dust bin is full, perform dust evacuation multiple times to improve cleaning effect.

Precautions

1. When using the multi-surface brush or motorized mini-brush, the surfaces of some fabrics may become fuzzy or exhibit resistance. In this case, it is recommended to use the 2-in-1 cleaning head.
2. Before vacuuming polished surfaces (shiny wooden flooring or glazed tiles), check if there are foreign objects in the cleaner head to avoid scratching the floor.
3. Before using the vacuum cleaner, ensure the dust bin, multi-cyclone assembly, front filter, and filter cartridge are properly installed.
4. Do not block the exhaust vent when vacuuming.
5. For fine dust like flour and construction dust, the vacuum cleaner can be used only if the amount of dust is small.
6. To prevent damage to the vacuum cleaner and the floor, do not use the vacuum cleaner to suck up sharp objects, small toys, pins, paper clips, etc.
7. Pay attention to personal safety when cleaning dangerous areas such as stairs and windows.
8. To prevent damage to caused by the machine falling or tipping over, do not place it on high places such as desks and chairs or lean it against other objects.
9. The movement of the multi-surface brush may result in an unevenly polished floor. To remedy this, the floor can be wiped with a damp cloth and polished with floor wax.

Auto Shutoff

1. If any of the spinning parts become stuck, the product may power off automatically. Clear the objects stuck in the parts and retry.
2. When the cleaner head motor gets too hot, it will automatically power off. Please wait until the temperature returns to normal before resuming use.

Clearing Foreign Objects

1. If any electric cleaner head gets clogged with large objects or tangled with much hair, the roller may stop working. In such cases, prompt clearing is required.
2. To prevent accidentally turning the machine on and causing injuries, detach the cleaner head from the main unit before cleaning it.
3. An alert will appear during dust evacuation if the dust bag is full. Meanwhile, dust evacuation will stop. Replace the dust bag in time.

Notes:

- Be aware of sharp objects when clearing a roller.
- If tangled objects cannot be cleared, refer to the Routine Maintenance section to remove the roller for cleaning.

C5 Usage Scenarios of Cleaner Heads

C5-1—2-in-1 Cleaning Head

Suitable for cleaning dust in narrow spaces such as door/window/ wall corners, stairs, as well as dust on sofas and tabletops.

C5-2—Motorized Mini-Brush

Suitable for cleaning dust on the surface of textile materials such as beds and curtains.

Note: To prevent scratching the fabric surface, do not use the motorized mini-brush on leather, leathaire, or silk materials.

C5-3—Multi-Surface Brush

Suitable for cleaning tiles, floors, and low-pile carpets (2 cm / 0.79 in or less).

D Routine Maintenance

Notes:

- The frequency of replacement may vary with the actual situation. If abnormal wear occurs, replace the parts immediately.
- If one of the parts including filter cartridge, front filter, telescopic wand, and cleaner head is blocked, the main unit will turn on and off several times and then stop operating until the blockage has been cleared.
- Disconnect your machine from the outlet before looking for blockages. Be careful not to touch the Power button.

Main Unit

Use a soft and dry cloth to wipe the main unit. Do not rinse it. Disconnect the power before cleaning.

D1 Dust Bin

*Clean at least once every 4-6 months.

D1-1—Press the dust bin release button and remove the dust bin from the main unit. Then, twist the multi-cyclone assembly and pull it out.

D1-2—Rinse the dust bin thoroughly. Then, leave it to dry completely for at least 24 hours.

Notes:

- Empty the dust bin as soon as the dirt reaches the MAX level. Using your machine when the dirt is above the MAX line may affect the performance.
- Do not rinse the main unit or auto-empty dock to avoid damaging the electrical components inside.
- Clean the dust bin as needed.

D2 Filter Cartridge Module

*Clean every 4-6 months.

D2-1—Remove the dust bin as shown.

D2-2—Remove the module from the main unit as shown.

D2-3—Twist the filter cartridge and pull it out. Rotate it 360° while washing it. If necessary, tap it gently to remove any loose dust and debris.

D2-4—Leave it to dry completely for at least 24 hours.

Notes:

- Wash the filter cartridge with running water and do not use any detergent to prevent blockages.
- Do not clean the filter cartridge with brushes or fingers.

D3 Air Vent Filter

*Clean at least once every 4-6 months.

D3-1—Remove the air vent filter as shown. Wash it and leave it to dry completely for at least 24 hours.

D3-2—Reinstall the air vent filter.

D4 Replacing the Dust Bag

When the dust bag is full or not installed, the dust evacuation indicator will flash orange. In that case, replace the dust bag or install one as needed.

D4-1—Remove the magnetic cover from the auto-empty dock.

D4-2—Pull out the dust bag by its handle and discard the dust bag.

Note: Pull the tab of the dust bag handle to seal the dust bag to prevent leakage.

D4-3—Slide the handle of a new dust bag into the slot all the way as shown. Then, reinstall the magnetic cover. Check that it is securely in place.

D5 Front Foam Filter of the Auto-Empty Dock

D5-1—Remove the front foam filter as shown. Rinse it and leave it to dry completely for at least 24 hours.

D5-2—Reinstall the front foam filter.

D6 Replacing the Battery Pack

The rechargeable lithium-ion battery pack in this product is detachable and consumable. When the battery reaches the end of its life, its runtime will become short even after being properly charged.

D6-1—Press and hold the battery pack release button and slide the battery forward to remove it.

D6-2—Install a new battery pack.

D7 Multi-Surface Brush Roller

To maintain optimum performance, check your cleaning head roller regularly and clear any obstructions. To prevent injuries, make sure the cleaner head is detached from the main unit and take care not to touch ψ .

Notes:

- The cleaner head roller must be removed for separate cleaning.
- There are electrical components in the motorized mini-brush and multi-surface brush and bearings in the multi-surface brush roller. Do not wash them with water.

D7-1—Place the cleaner head as shown.
Grab the tab on the end cap and rotate counterclockwise to the unlock position.

D7-2—Slide your end cap and roller out of the cleaner head.

D7-3—Clear any debris from the end cap and roller.

D7-4—Push the end cap back on to the roller.

D7-5—Slide the roller back into the cleaner head and turn the tab clockwise until it clicks into place.

D8 Motorized Mini-Brush Roller

D8-1—Rotate the end cap counterclockwise to the unlock position to remove it.

D8-2—Slide the roller out of the cleaner head.

D8-3—Rinse the roller and clear any debris from the roller.

D8-4—Stand the roller and leave it to dry completely for at least 24 hours.

D8-5—Reinstall the roller and the end cap.

D8-6—Turn the end cap into the locked position.

Basic Parameters

Vacuum Cleaner

Model	H9A1A
Rated Voltage/ Current	29.6 VDC/20 A
Battery	29.6 V/2964 mAh (TYP) Lithium-ion battery
Battery Model	PF081ULL

Auto-Empty Dock

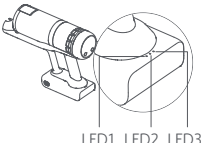
Model	MDS23HRR
Rated Input (Charging)	220-240 VAC 50-60 Hz 0.3 A
Rated Input (Dust evacuation & charging)	220-240 VAC 50-60 Hz 5 A
Rated Output	34.5 VDC 1 A
Charging Battery	29.6 V/2964 mAh (TYP) Lithium-ion battery

Common Issues

The machine may stop working when an anomaly occurs. Refer to the table below. If the issue persists, contact customer service for repair.

Issue	Solution
An electric cleaner head cannot rotate	• The motor of the cleaner head may trigger the over-temperature protection. Wait until the temperature returns to normal before use. • The power contacts of the cleaner head may be dirty. Wipe them with a soft, dry cloth and try again.
Reduced suction power	• The dust bin is full or the filter cartridge is clogged. Use the machine after cleaning them. • The cleaner head is clogged. Remove any blockages from it.
The battery status indicator does not display when charging	• The battery may be fully charged and go to sleep.
Slow charging	• The vacuum cleaner will automatically reduce its charging speed if the ambient temperature is too high or too low. This is designed to extend the battery lifespan. Wait until the temperature returns to normal before charging.

Troubleshooting

	Battery Status Indicator	Possible Cause	Solution
	LED2 flashing red quickly during use	Airway obstructed	Check if the dust bin, telescopic wand, or cleaner head is clogged and clear any foreign objects.
		Cleaner head blocked	Clear any foreign objects entangled in the cleaner head.
	LED1 flashing white during use	Low battery level	Charge the machine before use.

Error

If an error occurs during use, an alert will appear on the screen. Refer to the table below to maintain normal machine performance.

Icon	Status	Error	Solution
	Flashing orange	Airway obstructed	Check if the dust bin, telescopic wand, or cleaner head is clogged. Check if the filter cartridge or front filter is clogged with dust buildup.
	Flashing orange	Roller blocked	Refer to the Routine Maintenance section to clear any debris and hair from the roller.

If an error code appears on the screen, contact the after-sales service team for repair.

EU Declaration of Conformity

We Shenzhen Roborock Innovation Technology Co., Ltd. hereby declare that this equipment is in compliance with the applicable Directives and European Norms, and amendments. The full text of the EU declaration of conformity is available at the following internet address:

<https://global.roborock.com/pages/compliance>

WEEE Information

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.



Warranty Information

The warranty period depends on the laws of the country in which the product is sold, and the warranty is the responsibility of the seller.

The warranty only covers defects in material or workmanship.

The repairs under warranty may only be carried out by an authorized service centre. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of:

- Normal wear and tear.
- Incorrect use, e.g. overloading of the appliance, use of non-approved accessories, use of force.
- Damage caused by external influences.
- Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions.
- Partially or completely dismantled appliances.