

Imou RV3 (rv-l31-c-11, 6976391034402)

Imou RV3 Robot Vacuum Cleaner User Manual

Brand: Imou | **Model:** RV3 (rv-l31-c-11, 6976391034402)

1. INTRODUCTION

Thank you for choosing the Imou RV3 Robot Vacuum Cleaner. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your new robot vacuum. Please read this manual thoroughly before using the product and retain it for future reference. The Imou RV3 is designed to provide efficient and convenient automated cleaning for your home.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, read these safety instructions carefully and keep them handy when setting up, using, and maintaining your robot.

- 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 should be supervised to ensure they do not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Do not use the robot in environments with open flames or fragile objects.
- Do not use the robot to pick up large debris, liquids, or burning objects.
- Ensure the power cord of the charging base is not damaged or tripped over.
- Only use the original power adapter and charging base provided with the robot.
- Before cleaning, remove any loose cables, small objects, or curtains that could entangle the robot.
- Do not operate the robot in wet environments or near water.
- Turn off the robot and unplug the charging base before performing any maintenance or cleaning.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Imou RV3 Robot Vacuum Cleaner and its self-emptying base.

3.1 Robot Vacuum and Self-Emptying Base



Image Description: This image displays the Imou RV3 robot vacuum cleaner alongside its white, rectangular self-emptying base. The robot, which is round and white, is partially docked into the base, showing its top-mounted LiDAR sensor and side brushes. The base features the "IMOU" logo on its front. This setup illustrates how the robot docks to automatically empty its dustbin.

3.2 Robot Docked in Base (Front View)



Image Description: This image provides a direct front view of the Imou RV3 robot vacuum cleaner fully docked into its self-emptying base. The white, round robot is nestled securely within the lower opening of the tall, white base. The "IMOU" logo is visible on the upper part of the base. This view highlights the compact and integrated design of the system when the robot is charging or emptying.

3.3 Main Components

- **Robot Vacuum:** Main cleaning unit with LiDAR navigation, main brush, side brushes, and dustbin.
- **Self-Emptying Base:** Charges the robot and automatically empties the robot's dustbin into a larger dust bag within the base.
- **Dust Bag:** Located inside the self-emptying base, collects debris from the robot.
- **Water Tank:** Integrated for mopping functionality (0.8 L capacity).
- **Power Adapter:** Connects the charging base to a power outlet.
- **Side Brushes:** Two brushes that sweep debris into the robot's path.
- **Main Brush:** Located underneath the robot, agitates and collects debris.
- **Sensors:** Various sensors for navigation, anti-drop, and obstacle detection.

4. SETUP GUIDE

4.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Choose a suitable location for the self-emptying base. Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (5 feet) in front of the base.
3. Place the base against a wall on a hard, level surface. Do not place it on carpets or rugs.
4. Plug the power adapter into the charging base and then into a wall outlet. Ensure the power cord is neatly tucked away to prevent entanglement.

4.2 Installing Side Brushes

- Turn the robot vacuum upside down.
- Align the side brushes with the corresponding posts on the bottom of the robot.
- Press down firmly until they click into place.

4.3 Initial Charging

- Place the robot onto the charging base, ensuring the charging contacts on the robot align with those on the base.
- The robot will automatically begin charging. A full charge takes approximately 5 hours.
- For optimal battery life, ensure the robot is fully charged before its first use.

4.4 Connecting to Imou Life App (Smartphone Support)

- Download the "Imou Life" app from your smartphone's app store (iOS or Android).
- Create an account or log in.
- Follow the in-app instructions to add your Imou RV3 robot vacuum. This typically involves scanning a QR code on the robot or base and connecting to your home Wi-Fi network.
- Once connected, you can control the robot, view maps, set schedules, and access advanced features via the app.

5. OPERATING INSTRUCTIONS

5.1 Starting a Cleaning Cycle

- **From Robot:** Press the power button on the robot once to start an automatic cleaning cycle. Press again to pause.
- **From App:** Open the Imou Life app, select your robot, and tap "Start Cleaning" or choose a specific cleaning mode.
- The robot will automatically return to its charging base when cleaning is complete or when its battery is low.

5.2 Cleaning Modes

The Imou RV3 offers various cleaning modes accessible via the Imou Life app:

- **Auto Clean:** The robot intelligently navigates and cleans your entire home.
- **Spot Clean:** Directs the robot to intensely clean a specific small area.
- **Edge Clean:** The robot cleans along the edges of your rooms.
- **Zone Clean:** Define specific areas on the map for the robot to clean.
- **Scheduled Clean:** Set specific times for the robot to automatically start cleaning.

5.3 Mopping Function

The Imou RV3 is equipped with a water tank for mopping.

1. Fill the 0.8 L water tank with clean water. Do not use cleaning solutions that are not approved for robot vacuums.
2. Attach the mopping pad (if detachable) to the water tank module.
3. Insert the water tank module into the robot.
4. Start a cleaning cycle. The robot will vacuum and mop simultaneously.
5. Remove the water tank and empty any remaining water after each mopping session to prevent odors and mildew.

5.4 Self-Emptying Function

When the robot returns to its self-emptying base after a cleaning cycle, the base will automatically suction the dust and debris from the robot's internal dustbin into the larger dust bag within the base. This process significantly reduces the frequency of manual dustbin emptying.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Imou RV3. Always turn off the robot and unplug the charging base before performing any maintenance.

6.1 Replacing the Dust Bag (Self-Emptying Base)

- The dust bag in the self-emptying base should be replaced when the indicator light on the base signals it's full, or approximately every 1-2 months depending on usage.
- Open the top cover of the self-emptying base.
- Carefully pull out the full dust bag. The bag's opening will automatically seal to prevent dust leakage.
- Insert a new dust bag into the slot and close the cover.

6.2 Cleaning the Main Brush

- Turn the robot over.
- Press the tabs on the main brush guard to remove it.
- Lift out the main brush.
- Use the cleaning tool (if provided) or scissors to cut and remove any hair or debris tangled around the brush.
- Reinstall the main brush and its guard.

6.3 Cleaning Side Brushes

- Check the side brushes for tangled hair or debris.
- Gently pull the side brushes off their posts.
- Remove any debris. If brushes are worn or damaged, replace them.
- Reattach the side brushes, ensuring they click into place.

6.4 Cleaning Sensors and Charging Contacts

- Wipe all sensors (cliff sensors, wall sensors, LiDAR sensor window) on the robot with a clean, dry cloth.
- Clean the charging contacts on both the robot and the charging base with a dry cloth.

6.5 Cleaning the Water Tank and Mopping Pad

- After each mopping session, remove the water tank.
- Empty any remaining water and rinse the tank with clean water. Allow it to air dry completely.
- Remove the mopping pad and wash it by hand or machine. Allow it to air dry before reattaching.

7. TROUBLESHOOTING

If you encounter issues with your Imou RV3, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Robot does not turn on or charge.	Battery is completely depleted; charging contacts are dirty; power adapter not connected.	Place robot directly on base for a few minutes. Clean charging contacts. Ensure power adapter is securely plugged in.
Robot gets stuck frequently.	Obstacles (cables, rugs, furniture); sensors are dirty.	Clear obstacles from the cleaning path. Clean all sensors on the robot.
Poor cleaning performance.	Dust bag full; main brush or side brushes tangled; filter is clogged.	Replace dust bag in the base. Clean main and side brushes. Clean or replace the filter.

Problem	Possible Cause	Solution
Robot cannot find charging base.	Base location is obstructed; base is unplugged; robot is too far from base.	Ensure clear space around the base. Check power connection to the base. Manually place robot closer to the base.
App connection issues.	Incorrect Wi-Fi password; robot is out of Wi-Fi range; router issues.	Verify Wi-Fi password. Move robot closer to router. Restart router and robot. Re-pair robot with app if necessary.

8. SPECIFICATIONS

Technical specifications for the Imou RV3 Robot Vacuum Cleaner.

Feature	Specification
Model Number	RV3 (rv-l31-c-11, 6976391034402)
Dust Container Type	Dust Bag (in self-emptying base)
Product Color	White
Shape	Round
Dust Capacity (Robot)	0.32 L
Noise Level	72 dB
Water Tank Capacity	0.8 L
Battery Capacity	6400 mAh
Runtime	180 minutes
Charge Time	5 hours
Robot Diameter	35 cm
Robot Height	96 mm
Base Dimensions (L x W x H)	433 x 400 x 463 mm
Navigation Type	LiDAR
Brushes	Roller brush and side brush (3 total)
Automatic Return to Base	Yes
Remote Smartphone Support	Yes
Operating Temperature	0 - 40 °C
Operating Humidity	0 - 90%
Base Input Voltage	220 V

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The Imou RV3 Robot Vacuum Cleaner comes with a **3-year warranty** against manufacturing defects. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

9.2 Customer Support

For technical support, warranty inquiries, or replacement parts, please contact Imou customer service. You can typically find support contact information on the official Imou website or through the Imou Life app.

- **Imou Official Website:** Visit www.imoulife.com for FAQs, support articles, and contact details.
- **Imou Life App:** Access support features directly within the app.



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Documents - Imou – RV3 (rv-l31-c-11, 6976391034402)

IMOU RV3
2-in-1 Roboter Staubsauger mit Wischfunktion inkl. ausziehbarem Mopp und 5-in-1 Omni-Reinigungsstation

EAN: 6976391034402

Mit dem IMOU RV3 Roboter Staubsauger, halten Sie Ihr Zuhause smart und stressfrei sauber. Dank seiner starken **8500 Pa Saugkraft** und der **V-förmigen Walzenbürste** entgeht dem RV3 kein Schmutz.

Der RV3 verfügt über einen leistungsstarken **8500 mAh Akku**, der eine Reinigungszeit von bis zu 190 Minuten ermöglicht. Somit schafft der Roboter Sauger mit nur einer Aufladung selbstständig Ihre Böden blitzsauber zu reinigen.

Mit der **2-in-1 Lösung** ersetzen Sie sich großen Aufwand und jede Menge Zeit. Der RV3 verfügt über die **Saug- und Wischfunktionen** und kann somit effizienter nach dem Staubsaugen, auch Ihre Böden blitzsauber nachweichen. Dank dem großen **320 ml Staubbehälter**, **80 ml Wasserbehälter** und dem integrierten Wischschwamm kann der Roboter Sauger in nur für die bestmögliche Sauberkeit auf Ihren Böden sorgen.

Alle-in-Einem Omni-Reinigungsstation, mit 2-in-1 (Lade-/Wasserbehälter, automatischer Mopp-Reinigungsfunktion, 45° multi-lage Trocknungsfunktion, bis zu 45-Tage saugereise und smarte Sauberkeit ohne Entfernung der Station, abwärtswinkel Wischmopp, NH der Omni-Reinigungsstation erlaubt der RV3 Roboter Sauger effektiv und immer sauber.

Mit dem **LIDAR-Mapping** kann der RV3 eine blitzschnelle Kartierung Ihrer Wohngebäude erstellen. Die Kartierungsdaten dient als Speicher für Sauberkeit und misst die Entfernung zu 2018 verschiedenen Messpunkten in zu kartierenden Raum. Mit einem Messbereich von bis zu 8 Metern, erlaubt der Roboter Sauger schnell und auf alle Bereiche.

Powered by IMOU SENSE – Smarte KI – IMOU SENSE ist ein von IMOU selbst entwickelter KI-Algorithmus, der in Segment zu anderen Algorithmen, eine präzise Navigationsfunktion gesteuert und Entscheidungsfindungen basierend auf den Navigationsdaten ermöglicht werden kann.

Der RV3 kann bis zu **3 verschiedene Kartierungen** abspeichern, wodurch Sie den Roboter Sauger nach der Reinigung auf der ersten Etage, einfach auf die nächste Etage in Ihren eigenen können legen und lassen können – der RV3 erledigt umgehend und ohne große Verzögerungen die Reinigung.

Mit der **automatischen Teppicherkennung**, erkennt der RV3 automatisch die Saugkraft beim Überfahren von Teppichböden auf dem Hartboden, um das bestmögliche Saugergebnis zu erzielen.

Die Reinigung des Saugrosters kann überall und zu jeder Zeit, dank **Fernzugriff per kostenloser IMOU App** gesteuert, unterbrochen oder fortgesetzt werden. Sie können mit der App „Go-Go-Zonen“ einrichten und virtuelle Wände erzeugen und die Reinigung vollständig über die App steuern.

Dank der **smarten Ladefunktion** des RV3, beginnt der Roboter Sauger automatisch mit der Planung einer Route zurück zur Basisstation, sobald er erkennt, dass der Akku fast leer ist und zeichnet den aktuellen Reinigungsfortschritt auf. Wenn der Ladevorgang abgeschlossen ist, wird die Reinigung ab dem zuletzt gespeicherten Ausgangspunkt fortgesetzt.

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Michael Madjar IMOU RV3 2 in 1 Roboter Staubsauger mit Wischfunktion inkl ausziehbarem Mopp und 5 Omni Reinigungsstation EAN 6976391034402 Mit dem Roboter DB DE cdn reichelt de documents datenblatt E910 |||

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