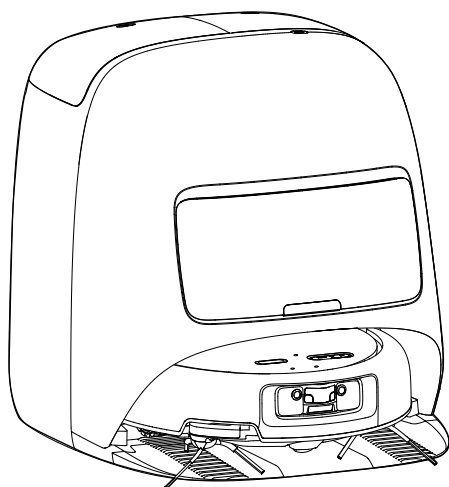




User Manual

v1.0 2025.10





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In the event of divergence among different versions, the English version shall prevail.

Searching for Keywords

Search for keywords such as “battery” and “install” to find a topic. If you are using Adobe Acrobat Reader to read this document, press Ctrl+F on Windows or Command+F on Mac to begin a search.

Navigating to a Topic

View a complete list of topics in the table of contents. Click on a topic to navigate to that section.

Printing this Document

This document supports high resolution printing.

Using this Manual

Legend

 Important

 Hints and Tips

 Reference

Read Before Use

It is recommended to watch all the tutorial videos and read the instructions in the box before using for the first time. Refer to this User Manual for more information.

Contents

Using this Manual	3
Legend	3
Read Before Use	3
1 Safety Precautions	5
2 Product Profile	7
2.1 Robot	7
2.2 Base Station	9
2.3 Status Indicator	11
3 Usage	12
3.1 Preparation	12
3.2 Pre-cleaning Checks	15
3.3 Mapping	17
3.4 Cleaning	18
3.5 Voice Assistant	21
3.6 Advanced Operations	21
4 Maintenance	23
4.1 Maintenance Cycle	23
4.2 Maintenance Instruction	23
4.3 Firmware Update	27
4.4 FAQ	27
5 Appendix	28
5.1 Standby Mode	28
5.2 Specifications	28
5.3 Aftersales Information	28

1 Safety Precautions



- Make sure to be in compliance with local laws and regulations before use.
- DO NOT disassemble or modify this product.
- DO NOT drop or strike the product.
- DO NOT place heavy objects on the product or use the robot to carry children or pets.
- Keep the cleaning solution away from children and pets.
- DO NOT approach, touch, or interfere with moving parts during robot operation.
- The mopped area may become slippery, make sure to walk with extra care on such areas to avoid slipping.
- DO NOT immerse or rinse the product. If the built-in battery comes into contact with water, chemical decomposition may occur, potentially resulting in the battery catching on fire, which may even lead to an explosion.
- The battery electrolytes are highly corrosive. If you come into contact with battery fluid, immediately flush the affected area with water and seek medical support.
- Always use the provided power cable and base station to charge the robot. DO NOT charge the base station near flammable or combustible materials, such as rugs or wooden furniture.
- Before cleaning the robot, be sure to turn off the power and unplug the device from the power source, then wipe with a dry cloth to prevent electric shock.
- If the product will not be used for an extended period of time, make sure to fully charge the robot, remove the power cable from the base station, and power off the robot. Store in a cool, dry location and recharge the battery at least every three months. Prolonged power depletion will result in deep discharge of the battery, which may cause permanent damage to internal cells and ultimately render the device unusable.
- If a battery with a low battery level has been stored for an extended period of time, the battery will enter hibernation mode. The robot cannot be powered on when using a battery that is in hibernation mode. Power on the base station, place the robot into the base station, and charge to wake the battery.
- The product should only be used and stored in temperatures between 0° to 40° C (32° to 104° F). High temperatures can lead to improper device operation, while low temperatures can decrease battery performance or even damage the device.

- DO NOT dispose of the product in a regular waste disposal container. Strictly follow your local regulations regarding the disposal and recycling of batteries.



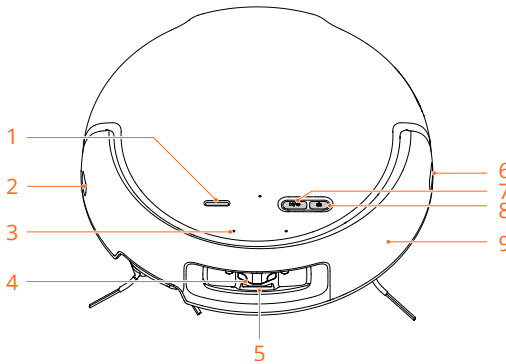
- It is normal that the operation noise of the robot becomes louder when the operating temperature is 35° C (95° F) or above. Keep it away from noise-sensitive people, such as sleeping babies.
 - The product is tested before shipping. It is normal for a small amount of water to have accumulated inside the robot and the base station, and for a small amount of particulate matter to have collected inside the robot.
 - Fogging inside the transparent housing may occur during operation. This is a normal phenomenon and requires no action.
 - Dust particles or dark spots maybe present inside the transparent housing. This is a normal manufacturing characteristic and requires no action.
 - When transporting the product, make sure to power off the device and place it in its original packaging. It is recommended to keep the original packaging for at least 30 days from the date of receipt.
-

2 Product Profile

The auto water refill & drainage version is sold only in specific countries/regions. Unless otherwise noted, all illustrations in this manual are based on the water tank version.

2.1 Robot

Front View



1. Status Indicator
2. Infrared Sensor
3. Microphone
4. Navigation and Obstacle Avoidance Module (Comprising Binocular Fisheye Lenses and LiDAR Sensor)
5. Fill Light
6. Speaker
7. Start Button

Press and hold: Power on/off

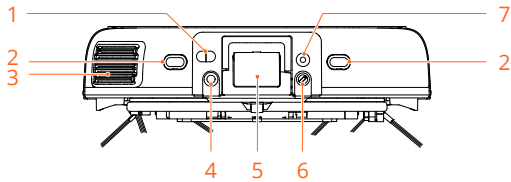
Short press: Start/pause cleaning



When charging in the dock, the robot cannot be powered off by pressing the power button.

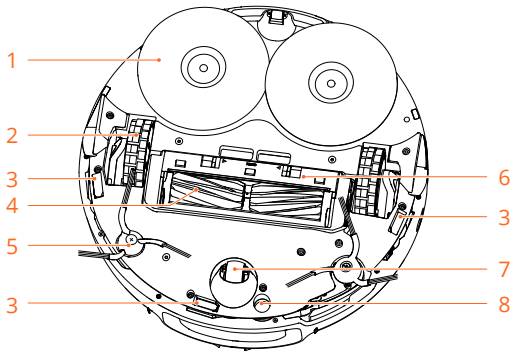
8. Return-to-Home Button
9. Buffer Bumper

Rear View



- 1. Radar Sensor
- 2. Charging Electrode
- 3. Air Vent
- 4. Docking Detection Sensor
- 5. Dust Box
- 6. Clean Water Fill Port
- 7. Docking Alignment Port

Bottom View



- 1. Mop Pad Holder

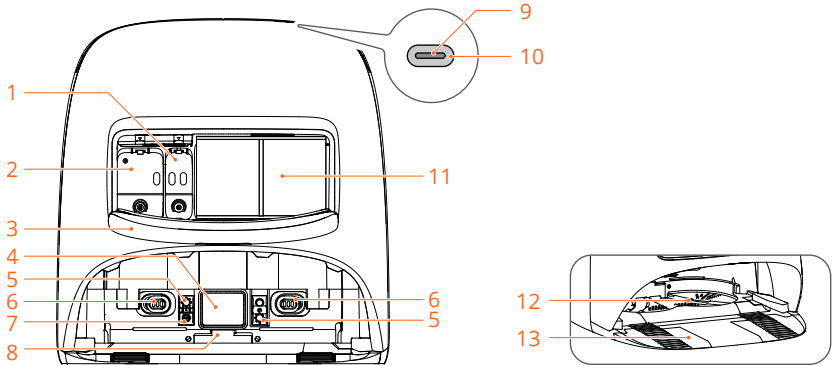
 The mop pad is pre-installed.

- 2. Wheel
- 3. Cliff Sensor
- 4. Soft Rubber Roller Brush
- 5. Side Brush
- 6. Brush Guard
- 7. Universal Wheel

8. Ultrasonic Sensor

2.2 Base Station

Front view



1. Floor Deodorizer Slot

 Use of floor deodorizer is only supported on ROMO P models.

2. Cleaning Solution Slot

3. Front Cover

4. Dust Collection Port

5. Guiding Pin

6. Charging Electrode

7. Clean Water Fill Port

8. Waste Water Outlet Baffle

9. Status Indicator

10. Start Button

Press and hold: Enable voice assistant

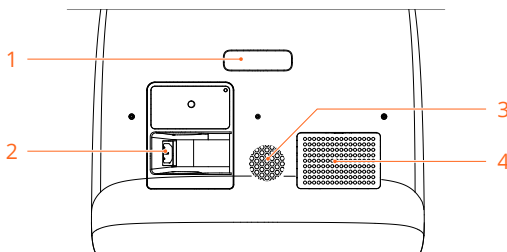
Short press: Start/pause cleaning

11. Dust Bag

12. Washboard

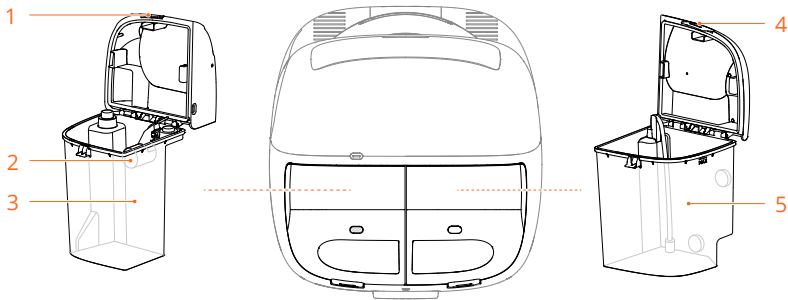
13. Base Plate

Rear View



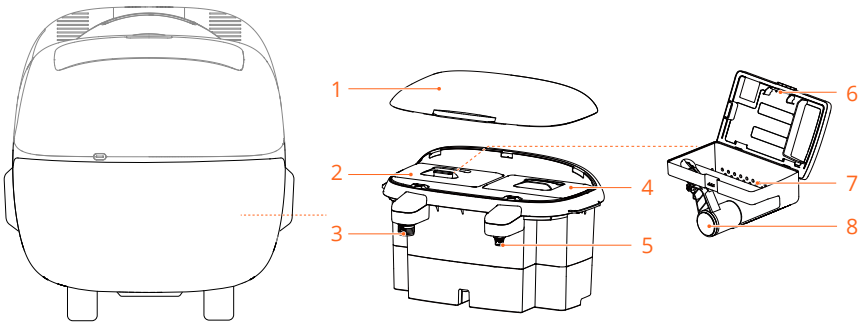
- 1. Handle
- 2. Power Port
- 3. Drying Fan Air Inlet
- 4. Dust Collection Fan Air Outlet

Top View



Water Tank Version

- 1. Waste Water Tank Release Latch
- 2. Waste Water Tank Float Ball
- 3. Waste Water Tank
- 4. Clean Water Tank Release Latch
- 5. Clean Water Tank



Auto Water Refill & Drainage Version

- 1. Cover
- 2. Waste Water Tank
- 3. Waste Water Hose Port

- 4. Clean Water Tank
- 5. Clean Water Hose Port
- 6. Waste Water Tank Release Latch
- 7. Waste Water Tank Filter
- 8. Waste Water Tank Float Ball

2.3 Status Indicator

The indicators work the same way on both the robot and station. For details, refer to the table below.

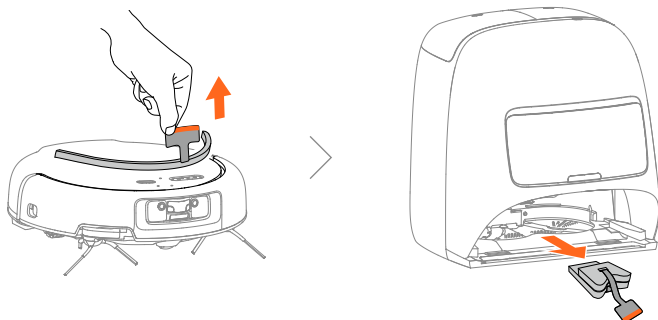
	Solid white	Operating normally
	Solid orange	Task failed. Follow the prompts in the app to resolve the issue.
	Solid red	Device malfunction. Contact official support to resolve the issue.
	Solid green	Voice assistant enabled
	Solid blue	Pairing via Bluetooth

During firmware updates, the robot indicator blinks yellow  while the station indicator remains solid white  .

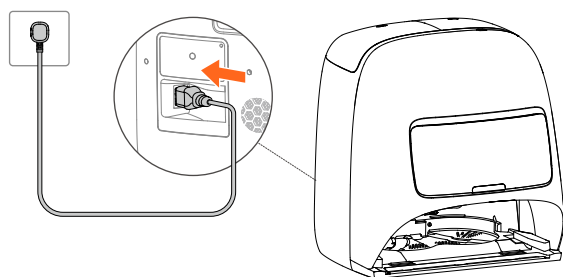
3 Usage

3.1 Preparation

1. Remove the foam.



2. Place and power on the base station.

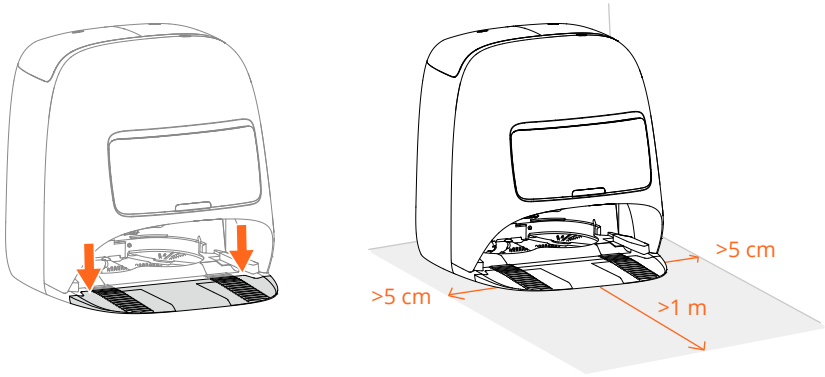


- The power cable varies by country/region.
- Place the station on a level, obstruction-free surface with reliable Wi-Fi signal coverage.

⚠ When placing the station on a balcony, ensure protective shelter is in place to prevent direct sunlight exposure or rain immersion.

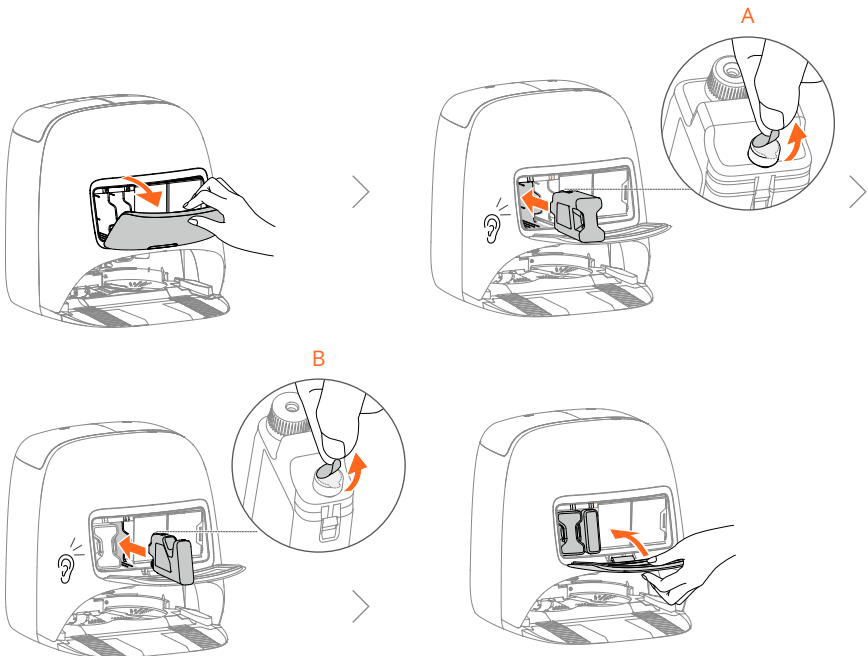
3. Install the base plate.

After installing the base plate, ensure clearance around the station meets minimum spacing requirements as illustrated in the figure.



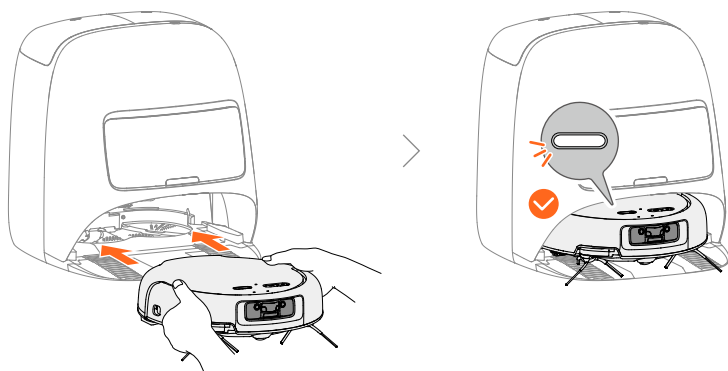
4. Install the cleaning solution (A) and floor deodorizer (B)

- ☀ • Remove the seal before inserting the bottle into the slot.
- Use of floor deodorizer is only supported on ROMO P models.
- Floor deodorizer is sold only in specific countries/regions.



5. Power on the robot.

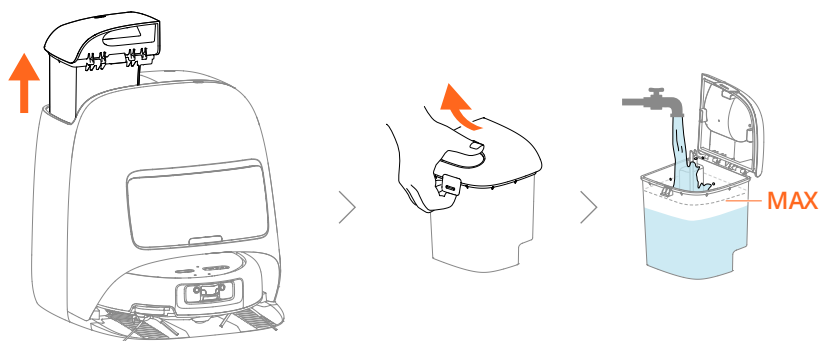
Lift the robot, fully push it into the base station along the rails.



6. Fill the clean water tank (water tank version only).

After filling with water, ensure the release latch is secured before reinstalling the tank into the station.

-
- ⚠ • Fill with clean water only.
- Fill with a sufficient amount of clean water without exceeding the MAX line.
-



7. Scan the QR code below or click the link to download the DJI Home app. Then open the app and follow the on-screen prompts to complete device setup, including Bluetooth pairing and Wi-Fi connection.



<https://s.dj.com/guide81>

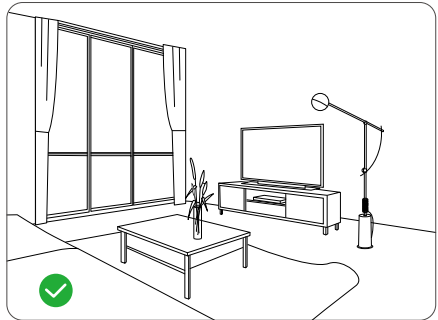
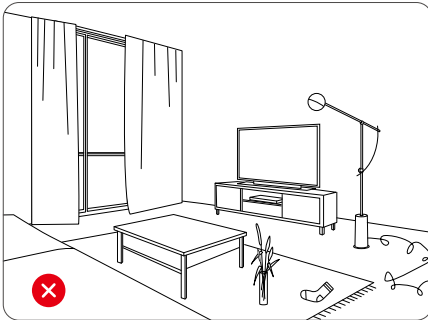
-
- ☀️ Tap **Device Settings** > **Switch Wi-Fi** to change the wireless network connected to your device. To forget a saved wireless network, go to **Device Settings** > **Device Info** and restore factory settings.
-

3.2 Pre-cleaning Checks

Inspect the Area to be Cleaned

-
- ⚠️ • This product is intended for indoor cleaning only. If you need to clean a balcony with the robot, ensure the area has overhead cover to prevent rain exposure.
 - DO NOT leave the product near heat sources such as a furnace or heater, under direct sunlight, or inside a vehicle in hot weather.
-

1. Put away items like small valuables, fragile objects, cord-like items that could tangle the robot, wet things that bubble up, and roll up draping fabrics.

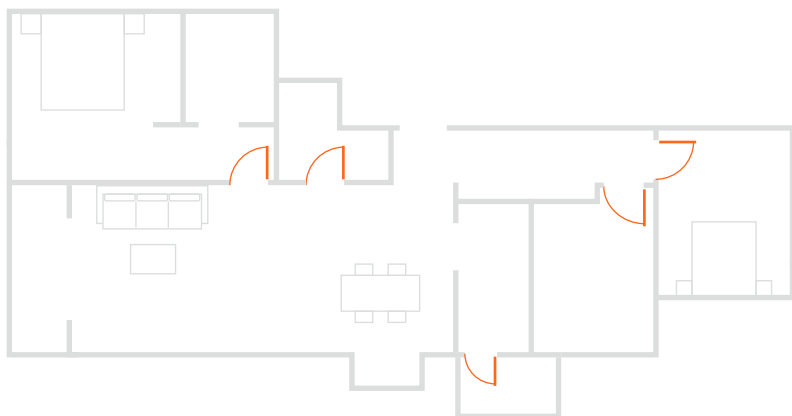


2. Clean sticky residues and standing water on the floor.



- ⚠ DO NOT vacuum substances that may damage the product or cause accidents, such as gravel, nails, gasoline or cigarettes.
-

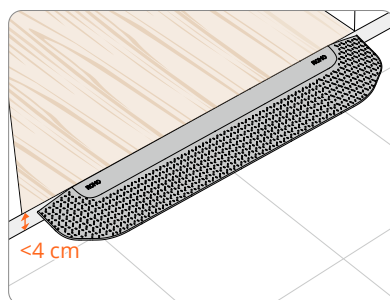
3. Fence off robot-height objects, glass, and mirrors, or set no-go zones.
4. Open the doors to the rooms need cleaning.



- 💡 DO NOT interfere with or obstruct the robot during operation.
-

5. For areas with thresholds exceeding 2.5 cm (about 1.0 inch): If cleaning is not required, close room doors. If cleaning is needed, pre-install the auxiliary ramp for obstacle crossing.

When using ROMO Auxiliary Ramp for obstacle crossing, ensure thresholds measure below 4 cm (about 1.6 inches).



6. Keep the area well-lit.

7. If there are stairs or height differences over 4 cm (about 1.6 inches) in your home, enable Cliff Detection in the DJI Home app.

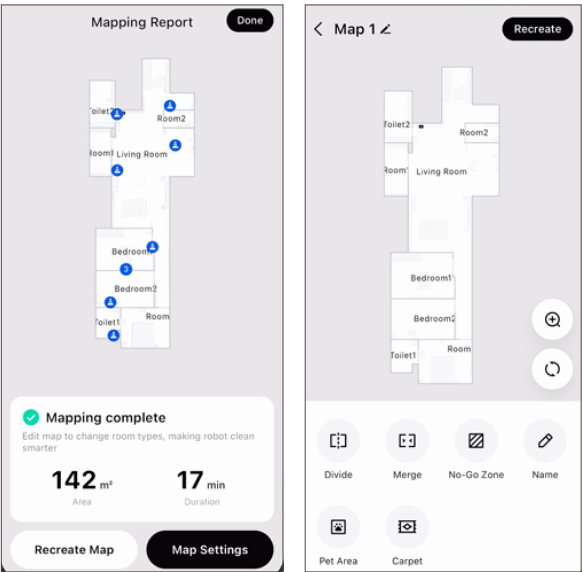
Check the Device Condition

1. Make sure that the air outlet and the sensors on the robot are not blocked. If there is any dirt or debris on the sensors, clean before use.
2. If debris entangles robot moving parts (e.g., side brush, roller brush, mop pad), remove the affected component for thorough cleaning. Avoid applying forced pulling during operation to prevent physical damage to components.
3. Regularly check components, such as the base station dust bag, robot dust box, side brush, roller brushes, and mop pads are not damaged, and that the dust collection pipes are not blocked. Replace any parts that are worn out. Only use genuine parts or officially authorized parts. Unauthorized parts may cause to malfunction and compromise the safety of the product.
4. Ensure the station power cable is securely connected and that power is supplied.

3.3 Mapping

Whole-house mapping is required before first use. Review [Pre-cleaning Checks](#) and follow the on-screen instructions in the app to prepare the floor and inspect the device as required.

1. Tap **Start Mapping**. The robot will depart from the station, perform whole-house mapping and return upon completion.
2. After that, follow the app interface instructions to adjust the map as needed.

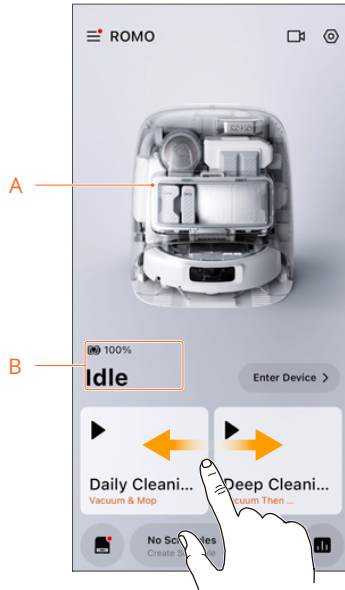


💡 App interface is for illustration only.

3.4 Cleaning

1. Select a cleaning task

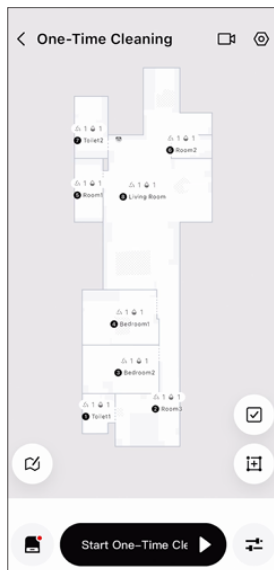
Preset cleaning tasks are available in the app. Tap any task to view details.
Access the details page of one-time cleaning by tapping: product image (A), status bar (B), or **Enter Device** on the home screen.



2. Select the Area to be Cleaned

Clean individual rooms, or tap **Select All** to clean all rooms.

To clean a specific area, tap **Add** to select additional cleaning area.



3. Set parameters

Tap the station icon  to set functions such as mop pad cleaning, dust collection, and drying.

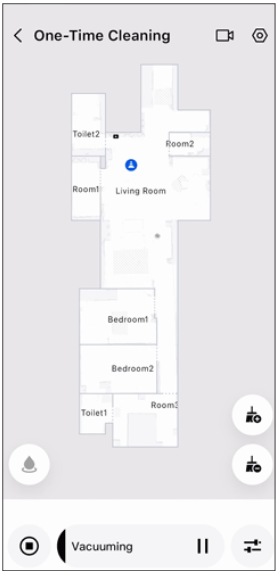
In **Cleaning Mode** , you can set the suction power and cleaning methods by room.

 For first-time cleaning, select Vacuum Then Mop as the recommended workflow for optimal cleaning performance.

Tap  to customize other functions.

4. Start Cleaning

Tap **Start Cleaning**. The robot will depart from the station and start cleaning. During cleaning, you can adjust coverage by adding or skipping areas.

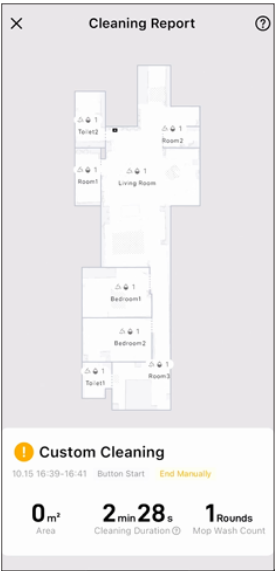


5. View the Cleaning Report

Upon task completion, the cleaning report pops up.

If the cleaning task ends unexpectedly, view the cleaning report in **Device Settings > Cleaning History**.

Tap  to view map instructions.



3.5 Voice Assistant

Voice Assistant supports two activation methods:

- Manual Activation
When the robot is powered on and docked, press and hold the station power button for 3 seconds to enable the Voice Assistant.
- Voice Activation
Open the DJI Home app, go to **Device Settings > Voice Assistant**, and enable Voice Activation. Say "OK ROMO" to wake the robot and speak commands to perform tasks. You can view available voice commands and review conversation history in the voice assistant interface.

💡 This feature is currently unavailable in some countries/regions. Please wait for an upcoming firmware update.

3.6 Advanced Operations

Advanced features are supported, such as:

- Child Lock
- Start Button for Task Association
- Scheduled Task
- Carpet Settings
- Cliff Detection
- Cleaning Solution
- Custom Task
- Remote Video

Tap the link or scan the QR code to view the tutorial: DJI ROMO | Advanced Operations



<https://www.romo.tech/romo/video>

4 Maintenance

4.1 Maintenance Cycle

Maintenance cycles are subject to change. Refer to the maintenance cycle shown in the DJI Home app.

Device	Component	Replacement/Maintenance Cycle
Robot	Roller brush	Replace every 300 working hours*
	High-efficiency filter	Clean or replace every 180 working hours
	Side brush	Replace every 180 working hours
	Mop pad	Replace every 120 working hours
	Built-in battery	When storing unused for months with station unplugged: Charge your device every 3 months.
Base station	Dust bag	Replace every 60 working hours
	Waste Tank Filter (included in the ROMO auto water re-fill & drainage kit)	Clean the filter after 600 mop pad washes

* If debris causes jamming, replace the roller brush immediately.

4.2 Maintenance Instruction

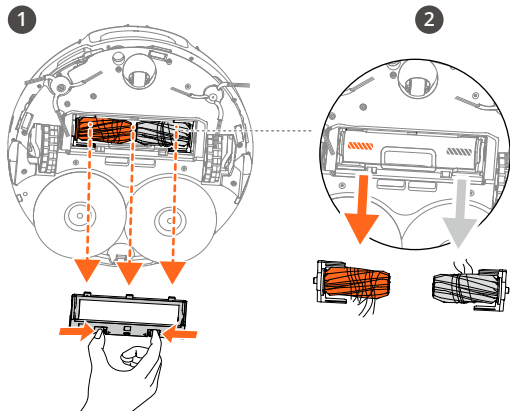
Tap the link or scan the QR code to watch the tutorial: DJI ROMO | Component Maintenance



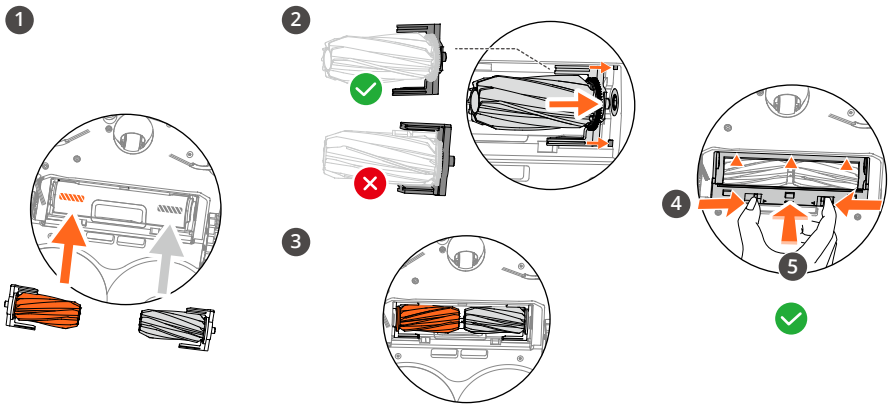
<https://www.romo.tech/romo/video>

Roller Brush

Remove the Brush Guard and Old Brushes

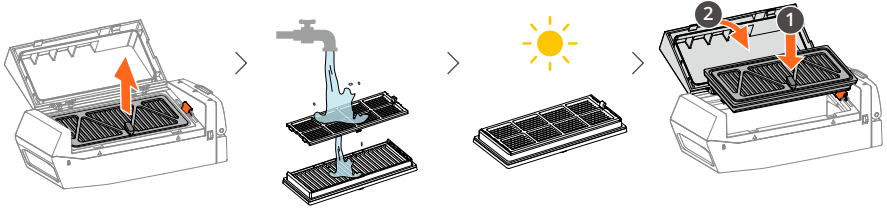


Install New Brushes and Reinstall the Brush Guard



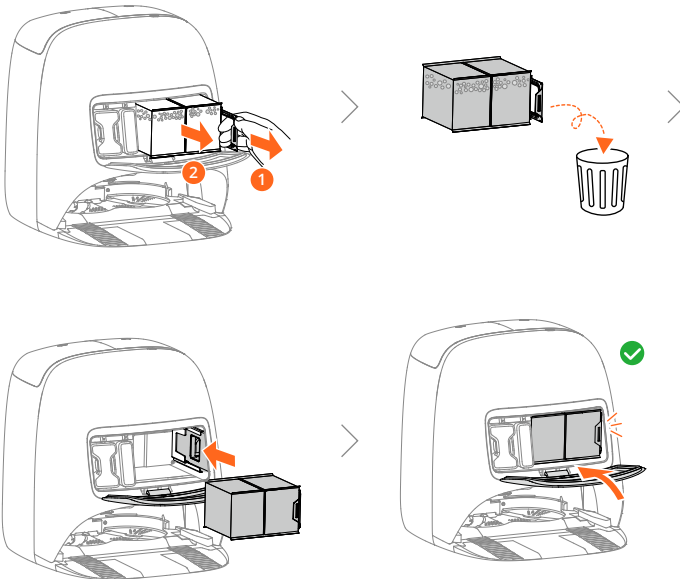
⚠ Avoid trapping the side brush when reinstalling the brush guard.

High-Efficiency Filter



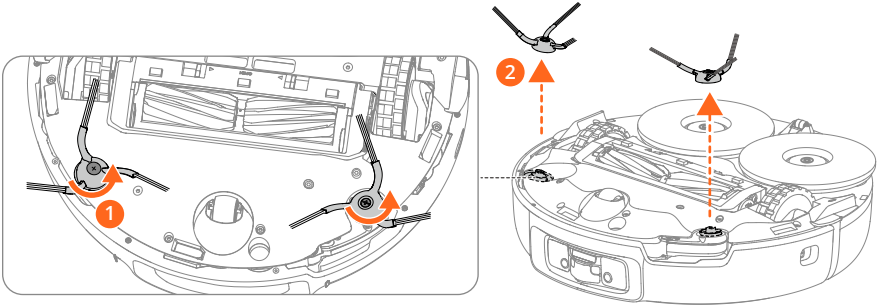
Dust Bag

Disposable dust bag is for single use. Discard the used bag and install a new bag into the station according to the illustration.

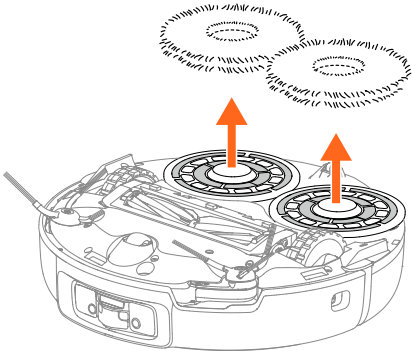


Side Brush

Install the left and right side brushes according to the illustration. Ensure the bristle direction is correct.

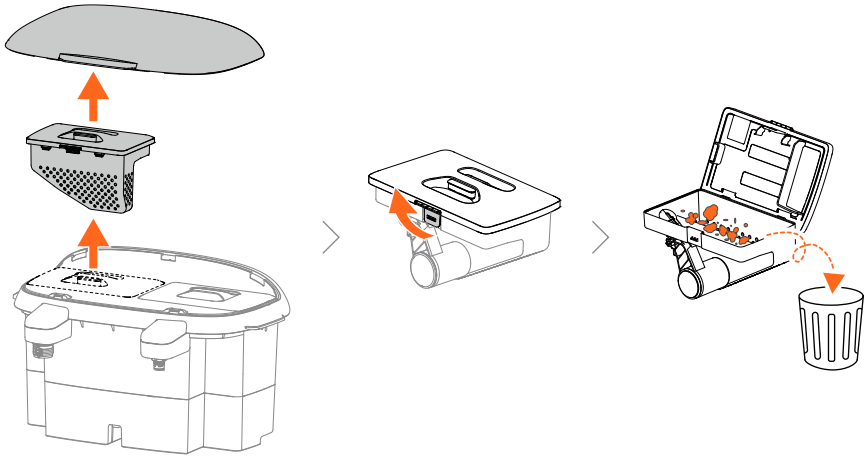


Mop Pad



Waste Tank Filter

Clean the filter of any dirt/debris, then reinstall the waste water tank.



4.3 Firmware Update

Go to **Device Settings Firmware Update** and enable auto update. New firmware will automatically install when available.

4.4 FAQ

Access the following link for product FAQs:

<https://www.romo.tech/romo/faq>

5 Appendix

5.1 Standby Mode

- **Network-Connected Standby (Output Power: <2 W)**
 1. Ensure the robot and station are paired, connected with network, and the device status is idle (no ongoing cleaning, updates, or other tasks).
 2. Disable **Voice Activation** and **Manual Activation** in Device Settings.
 3. Close the DJI Home app completely. The device will enter network-connected standby mode automatically after 10 seconds.

 Exit this mode by opening the DJI Home app, pressing the station start button, or tapping the robot body lightly.

- **Offline Standby Mode (Output Power: <0.5 W)**

In Device Settings, go to **Device Info** > **Power Off** to activate offline standby mode. Press the station start button to exit this mode.

5.2 Specifications

Visit the following website for specifications.

<https://www.romo.tech/romo/specs>

5.3 Aftersales Information

Visit <https://www.romo.tech/romo/downloads> to learn more about aftersales service policies, repair services, and support.

This content is subject to change without notice.
Download the latest version from



<https://www.romo.tech/romo/downloads>

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