

EUREKA J12

EUREKA J12 Ultra Robot Vacuum Cleaner: User Manual

Model: J12 Ultra

1. IMPORTANT SAFETY INSTRUCTIONS

Please read this manual carefully before using the EUREKA J12 Ultra Robot Vacuum Cleaner and retain it for future reference. Adhere to all safety warnings and instructions to prevent electric shock, fire, or injury.

- This appliance is for indoor household use only. Do not use it outdoors or on commercial or industrial surfaces.
- Do not allow children to operate the robot vacuum. Supervise children and pets when the robot is operating.
- Ensure the charging station is placed on a flat, stable surface against a wall, with adequate space around it.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not pick up large or sharp objects, liquids, or burning/smoking materials.
- Use only the manufacturer-specified charger and battery.
- Do not operate the robot if it is damaged or malfunctioning. Contact customer support for assistance.
- Only use the robot on dry surfaces. Do not use it in areas with standing water or excessive moisture.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Robot Vacuum Cleaner Body (x1)
- All-Automatic Station (x1)
- Main Brush (x1)
- Side Brushes (x2)
- Filter (x1)
- Dust Bag (x1)
- Mop Pads (x2)
- Instruction Manual (x1)



Figure 2.1: EUREKA J12 Ultra Package Contents

3. PRODUCT OVERVIEW

The EUREKA J12 Ultra is an advanced robot vacuum cleaner designed for comprehensive floor cleaning. It features an all-in-one station that automates dust collection, mop washing, and drying, providing a hands-free cleaning experience.



Figure 3.1: EUREKA J12 Ultra Robot Vacuum and All-Automatic Station

Key Features:

- **All-in-One Station:** Automatic dust collection, mop washing, drying, clean water replenishment, and dirty water recovery for up to 75 days of hands-free operation.
- **Powerful Suction & Mopping:** 5000Pa suction power combined with dual rotating mops for simultaneous vacuuming and wet mopping.
- **DuoDetect AI™ 3D Object Recognition:** Advanced AI technology for effective obstacle avoidance, even in dark environments, recognizing approximately 55 types of objects.
- **LDS Laser Navigation & High-Precision Mapping:** Creates accurate room maps and plans efficient cleaning routes, avoiding re-contamination of cleaned areas.
- **Smart Control:** APP remote control and voice control compatibility with Google Home and Alexa.
- **Corner Cleaning:** Square design and specialized brushes for thorough cleaning of corners and edges.

4. SETUP

4.1 Unpacking

1. Carefully remove all components from the packaging.
2. Remove all protective films and packing materials from the robot and the station.

4.2 Station Placement

- Place the all-automatic station on a hard, level surface against a wall.
- Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides of the station and 1.5 meters (4.9 feet) in front of it.
- Plug the power cord into a wall outlet.

4.3 Initial Charging

Place the robot onto the charging contacts of the station. The robot will automatically begin charging. Ensure the robot is fully charged before its first use.

4.4 App Download and Connection

1. Download the 'Eureka' app from your mobile device's app store.
2. Open the app and follow the on-screen instructions to create an account and add your EUREKA J12 Ultra.
3. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during the setup process, as the robot only supports 2.4GHz Wi-Fi.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping Cleaning

- **One-Touch Start:** Press the power button on the robot or the station to start a cleaning cycle.
- **App Control:** Use the Eureka app to start, pause, or stop cleaning, and to schedule cleaning times.
- **Voice Control:** Integrate with Google Home or Alexa. Say commands like "Alexa, start cleaning" to control the robot.

ワンタッチ起動

ご年配の方やアプリの操作が苦手な方、お家にWi-Fi環境がない方でも、らくらく操作可能です。



Figure 5.1: One-Touch Start Function



Figure 5.2: Voice Control Integration

5.2 Cleaning Modes

The EUREKA J12 Ultra offers various cleaning modes to suit different needs and floor types. These can be selected via the app.

- **Vacuum + Mop (Simultaneous):** For general cleaning, vacuuming and mopping at the same time.
- **Vacuum Only:** For carpets or when only dry cleaning is needed.
- **Mop Only:** For hard floors that require only mopping.

各部屋に適応する複数の掃除モード

超音波カーペットの検知とさまざまな操作モードが組み合わせられ、多様なクリーニングが可能になります。



Figure 5.3: Multiple Cleaning Modes

5.3 Navigation and Mapping

The robot uses LDS laser navigation to create a precise map of your home, allowing it to plan the most efficient cleaning path. It avoids re-entering already cleaned areas to prevent re-contamination.



Figure 5.4: High-Precision Mapping



DuoDetect AI 3D 障害物回避

高度な DuoDetect AI™ 3D 障害物回避技術が搭載されています。人間の目と同じように機能し、動く障害物を感知する精度が大幅に向上し、家具の下等暗い環境でも効率的に障害物を回避しながら掃除します。

Figure 5.5: Avoiding Re-cleaned Areas

5.4 Obstacle Avoidance

The DuoDetect AI™ 3D object recognition technology allows the robot to identify and avoid various obstacles, such as slippers, cables, and pet toys, even in low-light conditions.

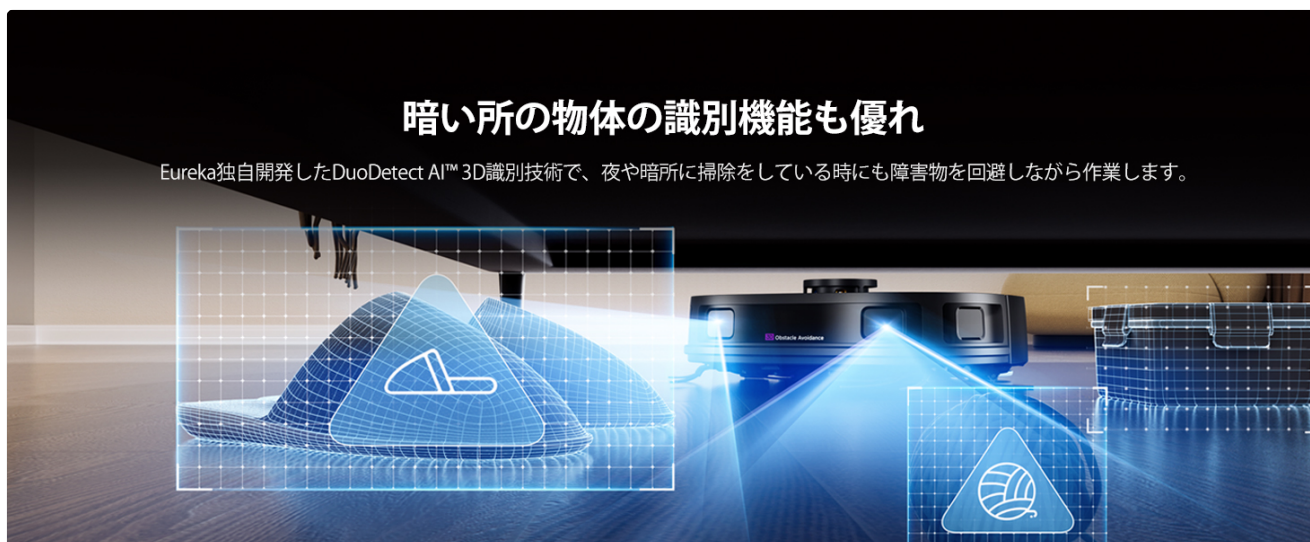


Figure 5.6: DuoDetect AI™ 3D Obstacle Avoidance

5.5 Child Lock

Activate the child lock feature via the app to prevent accidental operation by children or pets.

チャイルドロック

お子様やペットがいても安心です。



Figure 5.7: Child Lock Feature

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your EUREKA J12 Ultra.

6.1 All-Automatic Station Maintenance

- **Automatic Dust Collection:** The station automatically empties the robot's dustbin into a sealed dust bag. Replace the dust bag when full (up to 75 days).
- **Automatic Mop Washing & Drying:** The station washes and hot-air dries the mop pads after each cleaning cycle, preventing odors and maintaining hygiene.
- **Water Tanks:** Regularly check and refill the clean water tank and empty the dirty water tank.

eureka 公式ストア
ユーリカ公式ストアなら購入後も安心

 1年間保証期間内 無償修理 & 交換	 専門スタッフによる サポート
 純正アクセサリ 一の販売	 30日以内の返品や 新品交換対応

Figure 6.1: Automatic Mop Washing and Drying

6.2 Robot Components Maintenance

- **Main Brush:** Periodically remove the main brush and clean any tangled hair or debris.
- **Side Brushes:** Check side brushes for wear and tear. Replace if damaged. Clean any debris from the brushes.
- **Filter:** Clean the filter regularly by tapping out dust. Replace the filter every 3-6 months, depending on usage.
- **Mop Pads:** While the station washes them, inspect mop pads for excessive wear or stubborn stains. Replace as needed.
- **Sensors:** Wipe all sensors on the robot with a clean, dry cloth to ensure proper navigation.



Figure 6.2: Main Brush and Side Brushes

7. TROUBLESHOOTING

If your EUREKA J12 Ultra encounters an issue, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not start or respond.	Low battery; Power switch off; Robot stuck.	Charge the robot; Turn on the power switch; Clear obstructions.
Poor cleaning performance.	Dustbin full; Brushes tangled; Filter clogged; Mop pads dirty.	Empty dustbin; Clean brushes; Clean/replace filter; Clean/replace mop pads.
Robot cannot return to station.	Station obstructed; Station moved; No Wi-Fi signal.	Clear area around station; Ensure station is in original position; Check Wi-Fi connection.

Problem	Possible Cause	Solution
App connection issues.	Incorrect Wi-Fi band (not 2.4GHz); Weak Wi-Fi signal.	Ensure 2.4GHz Wi-Fi; Move robot closer to router; Restart router/robot.
Mop pads not drying properly.	Drying vent blocked; High humidity.	Clear any obstructions from drying vent; Ensure proper ventilation in the room.

For issues not listed here, or if problems persist, please contact EUREKA customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	EUREKA
Model Name	J12 BL (J12 Ultra)
Suction Power	5000Pa
Battery Life	Up to 150 minutes
Battery Composition	Lithium Nickel Cobalt Aluminum (NCA)
Navigation Type	LDS Laser Navigation, DuoDetect AI™ 3D Object Recognition
Connectivity	2.4GHz Wi-Fi only
Control Methods	App Control, Voice Control (Google Home, Alexa)
Filter Type	Sponge
Robot Dimensions (L x W x H)	350mm x 343mm x 108mm
Station Dimensions (L x W x H)	412mm x 567mm x 379mm
Recommended Surfaces	Marble, Wood, Concrete, Carpet
Color	Black

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The EUREKA J12 Ultra Robot Vacuum Cleaner comes with a **1-year warranty** from the date of purchase. During this period, free repair and exchange services are available for manufacturing defects.

9.2 Returns and Exchanges

Returns or exchanges for new products are accepted within **30 days** of purchase, subject to the retailer's policy.

9.3 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact EUREKA customer support. Our expert staff are available to provide support and guidance.

- Genuine accessories are available for purchase to ensure continued optimal performance of your device.