Mova RLZ83CE

Mova Z60 Ultra Roller Complete Robot Vacuum Cleaner and Floor Washer Instruction Manual

Brand: Mova

Model: RLZ83CE

1. Introduction and Overview

Welcome to the Mova Z60 Ultra Roller Complete Robot Vacuum Cleaner and Floor Washer instruction manual. This guide provides essential information for setting up, operating, and maintaining your new robot vacuum cleaner to ensure optimal performance and longevity.

The Mova Z60 Ultra Roller Complete is an advanced cleaning solution designed to provide comprehensive floor care. It integrates powerful vacuuming with innovative floor washing capabilities, featuring technologies such as HydroForce, AutoShield, LiftPro, StepMaster 2.0, and DuoSolution for a superior cleaning experience.



Image 1.1: Mova Z60 Ultra Roller Complete Robot Vacuum Cleaner with its self-emptying and cleaning base station, alongside a smartphone and smartwatch displaying the companion app.

2. Product Features

The Mova Z60 Ultra Roller Complete is equipped with several cutting-edge features designed to enhance your cleaning routine:

2.1 HydroForce High-Power Washing

The HydroForce system ensures the mop remains consistently clean by continuously jetting clean water onto it. This real-time rinsing minimizes cross-contamination and removes dirty water. An intelligent Fluffing system helps maintain the mop in optimal condition for consistent cleaning performance.



Image 2.1: Detailed view of the HydroForce washing system, illustrating the clean water jets, dirty water removal, and mop self-cleaning mechanism.

2.2 AutoShield Technology for Carpet Care

AutoShield technology intelligently detects carpets and rugs. Upon detection, the mop is retracted, and a removable cover is extended to block moisture, preventing carpets from getting wet. Unlike other robots that stop cleaning, the Z60 Ultra Roller Complete lifts its chassis, maintains maximum suction power, and continues side brush rotation, ensuring carpets remain dry and clean in a single pass.



Image 2.2: The robot vacuum cleaner with its LiftPro chassis raised, showing the AutoShield mechanism engaging to protect carpets from moisture during mopping.

2.3 Edge-to-Edge Cleaning with MaxiReach Technology

The side brush and roller mop extend outwards to clean from wall to wall during both vacuuming and mopping. The MaxiReach mop extends beyond the robot's edges, providing superior side cleaning. This system, combined with water replenishment, delivers optimal floor washing performance.



Image 2.3: Overhead view of the robot cleaning along an edge, highlighting the extended MaxiReach mop and side brush for thorough corner and edge cleaning.

2.4 Powerful 28 kPa Suction with TroboWave Anti-Tangle Dual Brush

Powered by the high-speed TurboForce 8 motor, the Z60 Ultra Roller Complete achieves a powerful suction of 28,000 Pa*, effectively capturing pet hair, human hair, dust, and up to 99%* of large debris. The TroboWave anti-tangle dual brush system ensures efficient debris collection without tangles.



Image 2.4: Close-up view of the robot's underside, showing the powerful suction intake and the dual TroboWave anti-tangle brushes designed for efficient debris collection.

2.5 Overcoming Obstacles with LiftPro Chassis and StepMaster 2.0

The robot detects and manages obstacles with specific strategies. The LiftPro chassis allows the robot to glide over lower obstacles, while the StepMaster 2.0 system (retractable robotic leg) enables it to overcome higher obstacles, ensuring uninterrupted cleaning.



Image 2.5: The robot demonstrating its StepMaster 2.0 system, showing how its retractable leg allows it to climb over thresholds and obstacles up to 8 cm.

2.6 DuoSolution System

The DuoSolution system integrates two compartments for cleaning solutions with intelligent dispensing. Compartment A is dedicated to general cleaning detergent for stubborn stains, while Compartment B is for pet odor elimination. They work together for a cleaner and fresher home in a single pass.



Image 2.6: Close-up view of the two distinct solution compartments within the base station, illustrating the DuoSolution system for general cleaning and odor elimination.

2.7 FlexScope Navigation

The robot features FlexScope Navigation, allowing it to precisely map its environment by raising its chassis for accurate mapping and lowering it to access lower areas, ensuring comprehensive coverage.



Image 2.7: The robot demonstrating its FlexScope navigation, showing its ability to raise for mapping and lower to clean under furniture.

3. Package Contents

Please verify that all items are present in the package before proceeding with setup. The Mova Z60 Ultra Roller Complete package includes the following components:



Image 3.1: Diagram showing all components included in the Mova Z60 Ultra Roller Complete package.

Item	Quantity	Description
Robot Vacuum Cleaner	1	The main cleaning unit.
Base Station	1	For charging, self-emptying, and mop cleaning.
Extension Plate for Base Station Ramp	1	Provides a smooth transition for the robot to the base.
User Manual	1	This instruction guide.
Automatic Detergent Dispenser Module (pre-installed)	1	Manages detergent dispensing for DuoSolution.
Dust Bag (pre-installed)	1	Collects debris from the robot's dustbin.
Roller Mop (pre-installed)	1	The primary mopping component.

Item	Quantity	Description
Side Brush (pre-installed)	1	Assists in sweeping edges and corners.
Washing Tray	1	Part of the base station for mop cleaning.
Main Brush (pre-installed)	1	The primary vacuuming brush.
Dustbin Container (pre-installed)	1	Holds collected dust and debris in the robot.
Dustbin Filter (pre-installed)	1	Filters air from the dustbin.
Scale Inhibitor	1	Helps prevent mineral buildup.

Note: The Mova Z60 Ultra Roller Complete includes an extra accessory kit: main brush x1, side brush x2, dustbin filter x3, dust bag x3, roller mop x3, 1L general cleaning solution, and 200ml pet odor elimination solution.

4. Setup

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Base Station Placement:** Place the base station on a hard, level surface against a wall, ensuring there is at least 0.5 meters of clear space on either side and 1.5 meters in front for the robot to maneuver. Ensure it is near a power outlet.
3. **Connect Power:** Plug the base station's power cord into a wall outlet. The indicator light on the base station will illuminate.
4. **Install Extension Plate:** Attach the extension plate to the front of the base station ramp as per the diagram in the package contents section.
5. **Initial Charging:** Place the robot onto the base station. Ensure the charging contacts align. The robot will begin charging automatically. For first use, fully charge the robot (approximately 6 hours).
6. **Fill Water Tanks:** Open the clean water tank and dirty water tank on the base station. Fill the clean water tank with clean tap water. If using the DuoSolution system, ensure the detergent compartments are filled as desired.
7. **Download Mova App:** Scan the QR code in the user manual or search for "Mova" in your app store (iOS/Android) to download the official Mova application.
8. **Pair Robot:** Follow the in-app instructions to pair your Mova Z60 Ultra Roller Complete with your smartphone. This typically involves connecting to the robot's Wi-Fi hotspot temporarily and then connecting it to your home Wi-Fi network.

5. Operating Instructions

Your Mova Z60 Ultra Roller Complete can be operated via the physical buttons on the robot, the Mova mobile application, or voice commands.

5.1 Starting a Cleaning Cycle

- **Via Robot Button:** Press the power button on the robot once to start a standard cleaning cycle. Press again to pause. Hold to send the robot back to the base station.
- **Via Mova App:** Open the Mova app, select your robot, and tap "Start Cleaning" or choose a specific cleaning mode (e.g., Vacuum Only, Mop Only, Vacuum & Mop, Spot Clean, Zone Clean).
- **Via Voice Command:** If integrated with a smart home assistant (e.g., Amazon Alexa, Google Assistant), use commands like "Hey Mova, start cleaning."

5.2 Cleaning Modes and Settings

The Mova app provides extensive control over cleaning modes and settings:

- **Map Management:** View and edit floor maps, set no-go zones, no-mop zones, and virtual walls.
- **Suction Power:** Adjust suction levels (Quiet, Standard, Strong, Max).
- **Water Flow:** Adjust water dispensing levels for mopping.
- **DuoSolution Settings:** Control the usage of general cleaning detergent and pet odor elimination solution.
- **Scheduled Cleaning:** Set daily or weekly cleaning schedules.
- **Custom Cleaning:** Define specific rooms or areas for cleaning.



Image 5.1: The Mova Z60 Ultra Roller Complete robot vacuum cleaner shown with a smartphone displaying the Mova app interface, indicating personalized cleaning options.

6. Maintenance

Regular maintenance is crucial for the optimal performance and longevity of your Mova Z60 Ultra Roller Complete. Always power off the robot and unplug the base station before performing any maintenance.

6.1 Robot Maintenance

- **Dustbin and Filter:** Empty the dustbin after each cleaning cycle or as indicated by the app. Clean the filter regularly (weekly) by tapping out debris. Replace the filter every 3-6 months depending on usage.
- **Main Brush:** Remove the main brush and clean any tangled hair or debris. Use the cleaning tool provided. Inspect for wear and replace every 6-12 months.
- **Side Brush:** Check for tangled hair and debris. Remove and clean if necessary. Replace if bristles are worn or damaged (every 3-6 months).
- **Roller Mop:** Remove the roller mop after each mopping cycle and rinse thoroughly with water. Allow it to air dry completely before reattaching. Replace every 1-3 months.
- **Sensors and Charging Contacts:** Wipe all sensors (cliff sensors, wall sensors) and charging contacts on both the robot and base station with a clean, dry cloth monthly.

6.2 Base Station Maintenance

- **Clean/Dirty Water Tanks:** Empty the dirty water tank after each mopping cycle. Refill the clean water tank as needed. Clean both tanks regularly to prevent mold or odor buildup.
- **Dust Bag:** The base station automatically empties the robot's dustbin into a disposable dust bag. Replace the dust bag when full (typically every 30-60 days, depending on usage).
- **Mop Washing Tray:** Clean the mop washing tray inside the base station regularly to remove accumulated dirt and debris.
- **Detergent Compartments:** Refill the detergent compartments as needed. Clean them periodically to prevent residue

buildup.

7. Troubleshooting

If you encounter issues with your Mova Z60 Ultra Roller Complete, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Robot does not turn on/charge.	Low battery; not properly docked; power cord unplugged.	Ensure robot is correctly docked. Check power connection to base station. Allow robot to charge fully.
Robot gets stuck frequently.	Obstacles (cables, small objects); uneven surfaces.	Clear the cleaning area of cables and small objects. Use no-go zones in the app for problematic areas.
Poor cleaning performance (vacuuming).	Full dustbin; clogged filter; tangled main/side brush.	Empty dustbin. Clean or replace filter. Clean main and side brushes.
Poor cleaning performance (mopping).	Empty clean water tank; dirty mop; clogged water nozzles.	Refill clean water tank. Clean or replace mop. Check and clean water nozzles.
Robot cannot connect to Wi-Fi.	Incorrect Wi-Fi password; router issues; robot too far from router.	Verify Wi-Fi password. Restart router. Move robot closer to router during setup. Ensure 2.4GHz Wi-Fi is used.
Base station not self-emptying.	Full dust bag; clogged suction port; robot not properly docked.	Replace dust bag. Clear any blockages in the base station's suction port. Ensure robot is fully docked.

If the problem persists after trying these solutions, please contact Mova Customer Support for further assistance.

8. Specifications

Key technical specifications for the Mova Z60 Ultra Roller Complete Robot Vacuum Cleaner and Floor Washer:

Specification	Value
Brand	Mova
Model Name	RLZ83CE
Color	Black
Product Dimensions	42 x 47 x 45.8 cm
Item Weight	25 Kilograms
Special Features	HydroForce Washing, Edge-to-Edge Cleaning, Obstacle Overcoming Capabilities
Suction Power	28,000 Pa*
Mopping Pressure	4,100 Pa*

**Based on internal laboratory tests. Actual performance may vary depending on environmental factors.*

9. Warranty and Support

Mova stands behind the quality of its products. The Mova Z60 Ultra Roller Complete comes with a **3-year quality warranty**.



Image 9.1: Mova's 3-year quality warranty badge, indicating reliable quality.

For detailed information regarding warranty terms and conditions, please refer to the official Mova website or contact Mova Customer Support.

Customer Support

If you require technical assistance, have questions about your product, or need to claim warranty service, please contact Mova Customer Support through the following channels:

- **Mova Official Website:** Visit the official Mova website for FAQs, support articles, and contact information.
- **Mova App:** The Mova application often includes a support section where you can find answers to common questions or submit a support ticket.
- **Email/Phone:** Refer to the contact details provided on the Mova website or in the original product packaging.

Please have your product model number (RLZ83CE) and purchase information ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

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