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› Cecotec Conga 6090 Ultra Robot Vacuum Cleaner User Manual

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Model: Conga 6090 Ultra

1. INTRODUCTION

Thank you for choosing the Cecotec Conga 6090 Ultra Robot Vacuum Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: Cecotec Conga 6090 Ultra Robot Vacuum Cleaner with its main components, including the interchangeable brush, smartphone app interface, and remote control.

2. SAFETY INSTRUCTIONS

To ensure safe operation, please observe the following precautions:

- Read all instructions carefully before use.
- Keep the robot and its accessories away from children and pets.
- Do not operate the robot in wet environments or near water.
- Ensure the charging base is placed on a flat, stable surface and connected to a power outlet.

- Avoid using the robot to pick up large debris, liquids, or burning objects.
- Regularly clean the brushes and filters to maintain optimal performance.
- Do not attempt to repair the robot yourself. Contact authorized service personnel for assistance.

3. PACKAGE CONTENTS

The Cecotec Conga 6090 Ultra package typically includes:

- Cecotec Conga 6090 Ultra Robot Vacuum Cleaner
- Charging Base
- Power Adapter
- Main Brush (pre-installed or separate)
- Side Brushes
- Dust Tank
- Water Tank (for mopping)
- Mop Cloths
- High-Efficiency Filter
- Cleaning Tool
- Remote Control (with batteries)
- Instruction Manual

4. PRODUCT OVERVIEW

The Conga 6090 Ultra is designed for comprehensive floor cleaning, featuring advanced navigation and powerful suction.

Key Features:

- **iTech LaserCyclone Navigation:** Intelligent laser sensor for precise mapping and cleaning routes.
- **10000 Pa Suction Power:** High suction for effective removal of dirt and debris.
- **4-in-1 Functionality:** Sweeps, vacuums, mops, and scrubs simultaneously.
- **Interactive MultiMap 2.0:** Stores up to 5 different maps, allows restricted zones, and custom cleaning plans via the app.
- **Total Surface 3.0:** Optimizes battery usage, returning to the charging base and resuming cleaning from the exact spot.
- **BestFriend Care Brush:** Interchangeable silicone brush, ideal for pet hair.
- **App Control:** Manage cleaning programs, power levels, and view cleaning history from your smartphone.

5. SETUP

5.1 Charging the Robot

1. Place the charging base against a wall in an open area, ensuring there are no obstacles within 1 meter to the sides and 1.5 meters in front.
2. Connect the power adapter to the charging base and a power outlet.
3. Place the robot on the charging base. Ensure the charging contacts on the robot align with those on the base. The indicator light will show charging status.
4. Allow the robot to fully charge before its first use.

5.2 App Installation and Pairing

1. Download the 'Cecotec Conga' app from your smartphone's app store (iOS or Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your Conga 6090 Ultra robot. This typically involves connecting to your home Wi-Fi network (2.4 GHz only).
4. Once paired, you can control the robot and access its features via the app.



Figure 2: The smartphone app interface showing a detailed 3D map of a home, illustrating the robot's smart mapping capabilities.

5.3 Initial Mapping

For optimal performance, allow the robot to complete an initial mapping run of your home. Clear any obstacles and open all doors to areas you wish to be mapped.



Figure 3: The robot vacuum cleaning under furniture, with a smartphone nearby displaying the real-time mapping process.

6. OPERATING THE ROBOT

6.1 Cleaning Modes

The Conga 6090 Ultra offers various cleaning modes:

- **Auto:** The robot intelligently cleans the entire mapped area.
- **Edge:** Cleans along walls and furniture edges.
- **Spot:** Focuses on a specific dirty area.
- **Zone:** Cleans a user-defined area on the map.

- **Restricted Zone:** Defines areas the robot should avoid.
- **Scrubbing:** Specialized mopping mode for deeper cleaning.
- **Twice:** Performs two cleaning passes over a selected area.



Figure 4: The robot vacuum in action, demonstrating its cleaning path and suction capability on a tiled floor.

6.2 Using the App Control

The smartphone app provides full control over your robot:

- Start/Pause/Stop cleaning.
- Select cleaning modes and suction power levels.
- Schedule cleaning times.
- View real-time cleaning maps and history.
- Define virtual walls and restricted zones.
- Adjust water flow for mopping.

6.3 Mopping Function

To use the mopping function:

1. Fill the water tank with clean water.
 2. Attach a clean mop cloth to the water tank.
 3. Insert the water tank into the robot.
 4. Select a mopping mode via the app or remote control.
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7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your robot vacuum.

7.1 Dust Tank and Filter

- Empty the dust tank after each cleaning cycle.
- Clean the high-efficiency filter regularly using the provided cleaning tool. Do not wash the filter with water unless specified.
- Replace the filter every 3-6 months, depending on usage.

7.2 Brushes

- Remove and clean the main brush regularly, cutting away any tangled hair or debris.
- Inspect and clean the side brushes. Replace them if they are worn or damaged.
- The BestFriend Care silicone brush is designed to reduce tangles, especially with pet hair. Clean it as needed.



Figure 5: The robot vacuum operating in a living room, demonstrating its ability to clean effectively even in homes with pets.

7.3 Sensors and Charging Contacts

- Wipe the anti-drop sensors, wall sensors, and charging contacts on both the robot and the charging base with a dry cloth.

8. TROUBLESHOOTING

If you encounter issues with your Conga 6090 Ultra, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on	Low battery; Power button not pressed	Charge the robot; Press and hold the power button.

Problem	Possible Cause	Solution
Robot cannot find charging base	Base obstructed; Base not powered	Ensure clear area around base; Check power connection.
Poor suction performance	Full dust tank; Clogged filter/brushes	Empty dust tank; Clean/replace filter and brushes.
Robot gets stuck frequently	Obstacles; Uneven surfaces	Clear cables/small objects; Use virtual walls for problem areas.
App connection issues	Incorrect Wi-Fi; Robot offline	Ensure 2.4 GHz Wi-Fi; Restart robot and router; Re-pair device.

9. SPECIFICATIONS

Feature	Detail
Brand	Cecotec
Model	Conga 6090 Ultra
Color	Black
Product Dimensions (L x W x H)	35.5 x 35.5 x 9.7 cm
Power	220 Watts
Noise Level	64 dB
Suction Power	10000 Pa
Navigation Technology	iTech LaserCyclone
Mapping System	Interactive MultiMap 2.0
Battery Optimization	Total Surface 3.0
Controller Type	App Control, Remote Control
Filter Type	Cartridge
Weight	5.74 Kilograms
Surface Recommendation	Hard floor

10. WARRANTY AND SUPPORT

The Cecotec Conga 6090 Ultra comes with a standard manufacturer's warranty. Please refer to the warranty card

included in your package for specific terms and conditions, including the warranty period and coverage details. For technical support, spare parts, or service inquiries, please contact Cecotec customer service. Contact information can typically be found on the official Cecotec website or on the warranty card.

Spare Parts Availability: Spare parts for this model are generally available for up to 10 years from the date of purchase.

