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De'Longhi ECAM28.465.M

De'Longhi PrimaDonna S De Luxe Bean-To-Cup Automatic Coffee Machine

USER MANUAL - MODEL ECAM28.465.M

Introduction

Thank you for choosing the De'Longhi PrimaDonna S De Luxe Bean-To-Cup Automatic Coffee Machine, model ECAM28.465.M. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read this manual thoroughly before using the machine for the first time and keep it for future reference.

Important Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and/or injury to persons.

- Read all instructions carefully.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock, and personal injury, do not immerse cord, plugs, or appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or personal injury.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then

remove plug from wall outlet.

- Do not use appliance for other than intended use.

Product Overview

The De'Longhi PrimaDonna S De Luxe is a sophisticated bean-to-cup coffee machine designed to deliver a wide range of coffee beverages with ease. Below is an image illustrating the main components of the machine.



Figure 1: Front view of the De'Longhi PrimaDonna S De Luxe coffee machine, showing the control panel, coffee spouts, milk carafe, and drip tray.

Key components include the bean hopper, water tank, control panel with display, coffee spouts, milk carafe system, and removable drip tray.

Setup

1. Unpacking and Initial Placement

1. Remove all packaging materials from the machine.
2. Place the machine on a stable, level surface, away from water splashes and heat sources.
3. Ensure adequate space around the machine for ventilation and access to components.

2. Water Tank Preparation

1. Remove the water tank from the back of the machine.
2. Rinse the tank with fresh water.
3. Fill the tank with fresh, cold tap water up to the MAX level indicator.
4. Insert the water tank back into the machine, ensuring it is seated correctly.

3. Bean Hopper Filling

1. Open the lid of the bean hopper located on top of the machine.
2. Pour fresh coffee beans into the hopper. Do not use ground coffee, instant coffee, or caramelized beans as this can damage the grinder.
3. Close the bean hopper lid securely.

4. Initial Circuit Priming

1. Plug the machine into a grounded power outlet.
2. Turn on the machine using the main power switch.
3. The display will guide you through the initial priming process, which involves dispensing hot water to fill the internal circuits. Place a container under the hot water spout.
4. Wait for the machine to complete the priming cycle and indicate it is ready for use.

Operating Instructions

1. Making Espresso or Coffee

1. Place one or two cups under the coffee spouts.
2. Select your desired coffee type (e.g., Espresso, Coffee) from the control panel.
3. You can adjust the coffee strength and quantity using the dedicated buttons or menu options before brewing.
4. Press the selected coffee button to start brewing. The machine will grind the beans, brew, and dispense the coffee.

2. Using the LatteCrema System (Milk Carafe)

The integrated LatteCrema system allows for automatic preparation of milk-based beverages like Cappuccino, Latte Macchiato, and Flat White.



Figure 2: Close-up view of the De'Longhi PrimaDonna S De Luxe dispensing frothed milk into a glass, demonstrating the automatic milk system.

1. Fill the milk carafe with cold milk (dairy or non-dairy).
2. Attach the milk carafe to the machine's milk spout.
3. Place a cup under the milk spout and coffee spouts.
4. Select your desired milk-based beverage from the control panel.
5. The machine will automatically froth and dispense the milk, followed by the coffee.
6. After use, always perform the "CLEAN" function for the milk carafe to prevent blockages.

3. Hot Water Dispensing

1. Place a cup under the hot water spout.
2. Select the "Hot Water" function from the control panel.
3. Press the button to start dispensing hot water. Press again to stop.

Maintenance

Regular cleaning and maintenance are crucial for the longevity and optimal performance of your coffee machine.

1. Daily Cleaning

- **Drip Tray and Grounds Container:** Empty and rinse the drip tray and coffee grounds container daily or when indicated by the machine.
- **Milk Carafe:** After each use, perform the automatic "CLEAN" cycle for the milk carafe. Disassemble and wash all components of the milk carafe with warm water and mild detergent regularly.
- **Coffee Spouts:** Wipe the coffee spouts with a damp cloth.

2. Brew Unit Cleaning

- The brew unit should be rinsed with fresh water at least once a month.
- Turn off and unplug the machine.

- Remove the water tank and the coffee grounds container.
- Open the brew unit access door and remove the brew unit by pressing the two red release buttons.
- Rinse the brew unit thoroughly under running tap water until no coffee residue is visible. Do not use detergents.
- Allow the brew unit to air dry completely before reinserting.

3. Descaling

The machine will indicate when descaling is required. Use only De'Longhi descaling solution.

- Follow the on-screen instructions on the machine's display for the descaling process.
- The process typically involves mixing descaling solution with water, running it through the machine, and then rinsing with fresh water.
- Descaling is vital to prevent limescale buildup, which can affect machine performance and coffee taste.

Troubleshooting

This section addresses common issues you might encounter with your coffee machine.

Problem	Possible Cause	Solution
No coffee dispensed / Machine not brewing.	No water in tank; Water tank not inserted correctly; Brew unit blocked; Air in circuit.	Fill water tank; Reinsert water tank firmly; Clean brew unit; Perform a hot water dispense to prime the circuit.
Coffee is too weak or watery.	Insufficient coffee grounds; Coarse grind setting; Old coffee beans.	Increase coffee strength setting; Adjust grinder to a finer setting; Use fresh coffee beans.
Milk not frothing correctly.	Milk carafe dirty/blocked; Milk too warm; Wrong type of milk.	Clean milk carafe thoroughly; Use cold milk (preferably skimmed or semi-skimmed); Ensure milk carafe is correctly assembled.
"Descaling" message appears.	Limescale buildup.	Perform the descaling cycle as per instructions.

Specifications

Key technical specifications for the De'Longhi PrimaDonna S De Luxe ECAM28.465.M:

- **Brand:** De'Longhi
- **Model:** ECAM28.465.M
- **Color:** Silver
- **Power / Wattage:** 1450 watts
- **Item Weight:** 11.5 kg
- **Material:** Metal
- **Special Features:** Cup Warmer, Auto Cappuccino System, SENSOR METAL TOUCH CONTROL PANEL, Aroma control
- **Display:** 2-line with icons

Warranty and Support

This product is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details.

For technical assistance, spare parts, or service, please contact De'Longhi customer support or visit the official De'Longhi website. Ensure you have your product model number (ECAM28.465.M) and serial number ready when contacting support.

Note on Videos: No official seller videos were provided in the product data for this manual. For visual guides, please refer to the manufacturer's official support channels.

