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De'Longhi ECAM650.55.MS

De'Longhi ECAM650.55.MS Fully Automatic Coffee Machine User Manual

Model: ECAM650.55.MS

1. Introduction

Welcome to the user manual for your De'Longhi ECAM650.55.MS Fully Automatic Coffee Machine. This appliance is designed to provide a wide range of personalized coffee and milk-based beverages with ease. Featuring an intuitive 3.5" TFT Soft-Touch color display and connectivity via the Coffee Link App, it offers extensive customization options. The integrated LatteCrema Milk System ensures perfect milk froth for your favorite drinks.



Image: The De'Longhi ECAM650.55.MS coffee machine, showcasing its sleek design and user interface.

2. Safety Instructions

Please read all safety instructions carefully before using the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the voltage indicated on the rating label corresponds to your mains voltage.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Always unplug the appliance from the mains socket when not in use, before cleaning, and before performing any maintenance.

- Keep the appliance out of reach of children.
- Do not operate the appliance if it has a damaged cord or plug, or if it malfunctions or has been damaged in any way.
- Use only original De'Longhi spare parts and accessories.
- Hot surfaces: The heating plate and other parts of the machine can become very hot during operation. Avoid direct contact.
- Hot liquids: Be careful when dispensing hot coffee, water, or steam.

3. What's in the Box

Upon unpacking your De'Longhi ECAM650.55.MS, please ensure all components are present and undamaged.

- De'Longhi ECAM650.55.MS Coffee Machine
- LatteCrema Milk Carafe (Integrated and removable)
- Additional Cappuccino Frothing Nozzle
- Measuring Scoop for pre-ground coffee
- Cleaning Brush
- Descaler (EcoDecalk)
- Water Filter (DLS C002)
- Water Hardness Test Strip
- User Manual (this document)



Image: Various accessories included with the coffee machine, such as the milk carafe, measuring scoop, cleaning brush, descaler, and water filter.

4. Setup

4.1 Initial Setup

1. Unpack the machine and remove all packaging materials.
2. Place the machine on a stable, level surface away from water sources and heat.
3. Insert the drip tray and coffee grounds container.

4.2 Filling the Water Tank

The water tank is located on the side of the machine.

1. Remove the water tank by pulling it upwards.
2. Fill the tank with fresh, cold tap water up to the MAX level.

3. If desired, install the water filter (DLS C002) as per its instructions before filling.
4. Replace the water tank, ensuring it is seated correctly.

4.3 Filling the Bean Hopper

The bean hopper is located on top of the machine.

1. Open the lid of the bean hopper.
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 lid securely.



Image: A close-up view of the coffee bean hopper with the grinder adjustment dial visible.

4.4 First Use and Rinsing Cycle

Before first use, the machine will perform an automatic rinsing cycle.

1. Plug the appliance into a mains socket.
2. Press the power button to turn on the machine.
3. Follow the instructions on the display for the initial setup, including water hardness setting and filter installation.
4. The machine will automatically perform a rinsing cycle. Place a container under the coffee spouts.

5. Operating

5.1 Control Panel Overview

The De'Longhi ECAM650.55.MS features an intuitive 3.5" TFT Soft-Touch color display with direct selection buttons for various beverages and functions.



Image: A user interacting with the touch-sensitive color display of the coffee machine, showing various beverage options.

- **Display:** Shows beverage options, machine status, and instructions.
- **Direct Selection Buttons:** For popular drinks like Espresso, Cappuccino, Latte Macchiato, etc.
- **Menu Button:** Accesses settings and additional options.
- **Customization:** Adjust aroma, quantity, and temperature for each drink.

5.2 Making Coffee Beverages

To prepare a coffee beverage:

1. Place one or two cups under the coffee spouts.
2. Select your desired beverage from the display (e.g., Espresso, Coffee, Long).
3. You can customize the strength and quantity before brewing.
4. Press the "Start" button or the selected beverage button to begin brewing.



Image: A close-up of the machine dispensing coffee into a cup, showing the rich crema.

5.3 Making Milk Beverages with LatteCrema System

The integrated LatteCrema Milk System allows for automatic preparation of milk-based drinks.

1. Fill the milk carafe with fresh, cold milk.
2. Attach the milk carafe to the machine's milk spout.
3. Place a cup under the milk and coffee spouts.

4. Select your desired milk beverage (e.g., Cappuccino, Latte Macchiato, Flat White).
5. The machine will automatically froth and dispense the milk, then brew the coffee.





Image: The De'Longhi ECAM650.55.MS dispensing frothed milk into a glass, demonstrating the LatteCrema system.

5.4 Using the Coffee Link App

The machine can be controlled and personalized via the "Coffee Link" app on your smartphone or tablet.

1. Download the "Coffee Link" app from your device's app store.
2. Ensure Bluetooth is enabled on your device.
3. Follow the in-app instructions to pair your device with the coffee machine.
4. Once connected, you can select beverages, customize recipes, and manage machine settings directly from the app.



Image: A smartphone displaying the De'Longhi Coffee Link app interface, showing customization options for a cappuccino.

5.5 Adjusting Grind Settings

The grind setting can be adjusted to suit your coffee beans and desired taste.

- The grind adjustment dial is located inside the bean hopper.
- Adjust the grind setting only when the coffee grinder is operating.
- Turn the dial clockwise for a finer grind (stronger coffee) or counter-clockwise for a coarser grind (lighter coffee).
- Make small adjustments and brew a few coffees to notice the difference.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your coffee machine.

6.1 Daily Cleaning

- **Drip Tray and Coffee Grounds Container:** Empty and rinse daily. The machine will prompt you when the grounds container needs emptying.
- **Coffee Spouts:** Wipe with a damp cloth.
- **Water Tank:** Rinse daily and refill with fresh water.

6.2 Milk System Cleaning

The LatteCrema System has an automatic cleaning function.

1. After each milk beverage, turn the milk carafe dial to the "CLEAN" position. The machine will dispense hot water and steam to clean the milk circuit.
2. Regularly disassemble the milk carafe components and wash them with warm water and mild detergent. The carafe is dishwasher-safe.



Image: A hand turning the dial on the milk carafe to initiate the cleaning cycle, with steam being released from the spout.

6.3 Descaling

The machine will prompt you when descaling is required. Use only De'Longhi EcoDecalk descaler.

1. Follow the on-screen instructions for the descaling process.
2. The process typically involves emptying the water tank, adding descaler solution, running the cycle, and then rinsing with fresh water.

6.4 Water Filter Replacement

Replace the water filter approximately every 2 months, or as indicated by the machine.

1. Remove the old filter from the water tank.
2. Prepare the new filter as per its instructions (usually by soaking it in water).
3. Insert the new filter into the water tank.
4. Confirm filter replacement on the machine's display.

6.5 Brew Unit Cleaning

The brew unit should be rinsed monthly.

1. Turn off the machine and unplug it.
2. Open the service door (usually on the side or front).
3. Press the two red release buttons and pull the brew unit out.
4. Rinse the brew unit under running tap water until no coffee residue is visible. Do not use detergents.
5. Allow it to air dry before reinserting.

7. Troubleshooting

If you encounter issues with your machine, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Machine does not turn on.	Not plugged in; power outage.	Check power cord connection; check power supply.
Coffee is too weak.	Grind setting too coarse; insufficient coffee dose; old beans.	Adjust grind to finer setting; increase coffee strength setting; use fresh beans.
Milk does not froth properly.	Milk carafe dirty; milk not cold enough; wrong type of milk.	Clean milk carafe thoroughly; use fresh, cold milk (preferably semi-skimmed or whole); ensure carafe is correctly assembled.
"Empty Grounds Container" message persists.	Container not emptied with machine on; sensor dirty.	Empty container with machine on for at least 5 seconds; clean sensor area.
Water leaks from machine.	Water tank not seated correctly; internal component issue.	Ensure water tank is fully inserted; if problem persists, contact customer support.

For other issues or if troubleshooting steps do not resolve the problem, please refer to the full user manual or contact De'Longhi customer support.

8. Specifications

Feature	Detail
Brand	De'Longhi
Model Number	ECAM650.55.MS

Feature	Detail
Color	Silver
Dimensions (L x W x H)	26 x 37.5 x 47 cm (10.2 x 14.8 x 18.5 inches)
Item Weight	12.5 Kilograms (27.5 lbs)
Water Tank Volume	2 Liters
Pump Pressure	19 bar
Power	1450 Watts
Voltage	240 Volts
Heating System	Thermoblock
Display	3.5" TFT Soft-Touch Color Display
Connectivity	Coffee Link App (Bluetooth)
Special Features	LatteCrema Milk System, Cup Warmer, Water Filter, Integrated Milk Frother, Cup Holder



Image: Diagram showing the dimensions of the De'Longhi ECAM650.55.MS coffee machine.

9. Warranty and Support

Your De'Longhi ECAM650.55.MS coffee machine comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage details.

For technical assistance, spare parts, or service, please contact De'Longhi customer support. You can find contact information on the official De'Longhi website or in the documentation provided with your appliance.

Online Resources: For additional support, FAQs, and product registration, visit the official De'Longhi website: www.delonghi.com

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