De'Longhi EC850.M

De'Longhi EC850M Espresso Machine User Manual

Model: EC850.M

1. Introduction

Thank you for choosing the De'Longhi EC850M Espresso Machine. This appliance is designed to provide high-quality espresso and milk-based beverages with ease and convenience. Featuring a thermoblock heating system for rapid heating, a 15-bar pump pressure for optimal extraction, and an automatic milk system, this machine is equipped to deliver a superior coffee experience. Please read this manual thoroughly before operating the appliance to ensure safe and efficient use.



Image: The De'Longhi EC850M espresso machine positioned on a kitchen counter, ready for use.

2. Important Safety Instructions

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

- Read all instructions carefully before using the appliance.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock, and personal injury, do not immerse cord, plug, 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.
- Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.

3. Product Overview

Familiarize yourself with the components and controls of your De'Longhi EC850M espresso machine.



Image: Front view of the espresso machine, showing the portafilter, milk carafe, and control panel. A glass of latte macchiato is being filled.



Image: Detailed view of the control panel, highlighting the power, water, single espresso, double espresso, and milk beverage buttons.

Components:

- **Control Panel:** Buttons for power, coffee selection, milk beverages, and hot water.
- **Water Tank:** Removable 1-liter capacity tank for fresh water.
- **Milk Carafe:** Automatic milk system for frothing and dispensing milk.
- **Portafilter:** Holds ground coffee for brewing. Includes 1-cup and 2-cup filters, and an ESE pod filter.
- **Drip Tray:** Removable for easy cleaning, collects excess liquid.
- **Cup Warmer:** Passive warming surface on top of the machine.
- **Steam/Hot Water Spout:** Dispenses hot water.

4. Setup and First Use

4.1 Unpacking and Initial Cleaning:

1. Remove all packaging materials from the appliance.
2. Wipe the exterior of the machine with a damp cloth.
3. Wash the water tank, milk carafe, portafilter, and drip tray with warm water and mild detergent. Rinse thoroughly.

4.2 Filling the Water Tank:

The water tank has a visible water level indicator and is removable for easy filling.

1. Remove the water tank from the back of the machine.
2. Fill the tank with fresh, cold tap water up to the MAX level indicated.
3. Replace the water tank securely into its position.



Image: A hand demonstrating the removal of the transparent water tank from the side of the espresso machine.

4.3 Priming the Machine:

Before first use, or if the machine has not been used for a long time, it needs to be primed.

1. Ensure the water tank is filled.
2. Place a container under the hot water spout.
3. Press the power button to turn on the machine. Wait for the machine to heat up (indicator lights will stop flashing).
4. Press the hot water button and allow water to dispense until it flows continuously. This purges air from the system.
5. Press the hot water button again to stop.

5. Operating Instructions

5.1 Making Espresso:

1. Ensure the water tank is filled.
2. Insert the desired filter (1-cup or 2-cup) into the portafilter.
3. Add ground coffee to the filter. For best results, use freshly ground espresso coffee. Use the provided tamper to lightly press the coffee.
4. Attach the portafilter to the machine by aligning it with the group head and rotating it to the right until it is firmly locked.
5. Place one or two cups on the drip tray under the portafilter spouts.
6. Press the single espresso button for one shot or the double espresso button for two shots. The machine will automatically dispense the programmed amount of coffee.

5.2 Making Milk-Based Beverages (e.g., Cappuccino, Latte Macchiato):

The automatic milk system simplifies the preparation of frothy milk drinks.

1. Fill the milk carafe with cold milk (dairy or non-dairy). Do not exceed the MAX level.
2. Attach the milk carafe to the machine's milk system connection point.
3. Place a large cup or glass under the milk spout and coffee spouts.
4. Press the desired milk beverage button (e.g., Cappuccino or Latte Macchiato). The machine will first dispense frothed milk, then coffee.
5. After dispensing, the machine will prompt for milk system cleaning. Refer to the maintenance section.

5.3 Dispensing Hot Water:

The machine can also dispense hot water for tea or other hot beverages.

1. Ensure the water tank is filled.
2. Place a cup under the hot water spout.
3. Press the hot water button. Water will begin to dispense.
4. Press the hot water button again to stop the flow when the desired amount is reached.



Image: A clear glass receiving hot water from the machine's dedicated hot water spout.

6. Maintenance and Cleaning

Regular cleaning ensures optimal performance and extends the lifespan of your machine.

6.1 Daily Cleaning:

- **Drip Tray:** Empty and rinse the removable drip tray daily.
- **Portafilter:** Remove spent coffee grounds and rinse the portafilter and filter basket under running water.
- **Milk Carafe:** After each milk preparation, perform the automatic cleaning cycle for the milk carafe by pressing the clean button on the carafe. Store the milk carafe with milk in the refrigerator.
- **Exterior:** Wipe the exterior of the machine with a soft, damp cloth.

6.2 Weekly Cleaning:

- **Water Tank:** Remove and wash the water tank with warm water and mild detergent. Rinse thoroughly.
- **Milk Carafe Disassembly:** Disassemble the milk carafe components (lid, milk intake tube, spout) and wash them thoroughly with warm water and mild detergent.

6.3 Descaling:

Over time, mineral deposits (limescale) can build up in the machine, affecting performance. The machine will indicate when descaling is required. Use a De'Longhi descaler solution and follow the instructions provided with the descaler.

1. Empty the water tank and fill it with the descaling solution as per the descaler's instructions.
2. Place a large container under the coffee spouts and the hot water spout.
3. Initiate the descaling cycle as per the machine's specific descaling procedure (refer to the full manual for detailed steps, usually involves pressing and holding a specific button).
4. Once the descaling cycle is complete, rinse the water tank and fill it with fresh water. Run several rinsing cycles to ensure all descaler residue is removed.

7. Troubleshooting

Before contacting customer support, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
No coffee dispenses or flow is very slow.	Water tank empty; coffee too finely ground or tamped too hard; filter basket blocked.	Fill water tank; use coarser grind or less pressure; clean filter basket (run water through empty portafilter).
Coffee is too weak.	Not enough coffee; coffee too coarsely ground; insufficient tamping.	Increase coffee amount; use finer grind; tamp more firmly.
Milk is not frothing properly.	Milk carafe not clean; milk too warm; wrong type of milk.	Clean milk carafe thoroughly; use cold milk (preferably skim or semi-skimmed); ensure carafe is properly attached.
Machine is leaking.	Water tank not seated correctly; drip tray full; seals worn.	Ensure water tank is pushed in fully; empty drip tray; contact service if seals are suspected.
Machine does not turn on.	Not plugged in; power outlet issue.	Check power cord connection; try a different outlet.

8. Technical Specifications

Feature	Specification
Brand	De'Longhi
Model Number	EC850.M
Color	Silver
Dimensions (L x W x H)	32 x 27.5 x 30.6 cm
Weight	6.6 Kilograms
Water Tank Capacity	1 Litre
Power	1450 Watts
Voltage	240 Volts
Pump Pressure	15 Bar

Feature	Specification
Material	Stainless Steel
Special Features	Milk frother, Programmable, Removable tank, Thermoblock, Water filter
Auto Shut-off	Yes
Coffee Type Compatibility	Ground coffee, ESE pods

9. Warranty and Support

Specific warranty details for the De'Longhi EC850M Espresso Machine are not provided in this document. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product packaging or visit the official De'Longhi website.

For technical support, spare parts, or service inquiries, please contact De'Longhi customer service through their official website or the contact information provided in your product documentation.

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