De'Longhi ECAM250.23

De'Longhi Magnifica S Smart Fully Automatic Coffee Machine User Manual

Model: ECAM 250.23.SB

1. Introduction

Thank you for choosing the De'Longhi Magnifica S Smart Fully Automatic Coffee Machine. This appliance is designed to provide you with high-quality espresso and coffee beverages from fresh beans. Please read this manual carefully before using the appliance to ensure proper operation and maintenance.

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.
- 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.

3. Product Overview

The De'Longhi Magnifica S Smart ECAM 250.23.SB is a fully automatic bean-to-cup coffee machine designed for ease of use and consistent coffee quality. It features an integrated grinder, a milk frother, and a user-friendly control panel.

Components

- Bean Hopper: For fresh coffee beans.
- Water Tank: Removable for easy refilling.
- Control Panel: Intuitive buttons for various coffee selections and settings.
- Coffee Spouts: Adjustable height for different cup sizes.
- Milk Frother (Steam Wand): For steaming and frothing milk for cappuccinos and lattes.
- Drip Tray: Collects excess water and coffee drips.
- Coffee Grounds Container: Collects used coffee pucks.



Figure 3.1: Front view of the De'Longhi Magnifica S Smart coffee machine, showcasing its sleek design and two freshly brewed espresso cups.



Figure 3.2: A close-up of the machine's control panel, highlighting the intuitive buttons for various coffee selections and a hand demonstrating ease of use.



Figure 3.3: The De'Longhi Magnifica S Smart coffee machine positioned in a kitchen environment, illustrating its compact size and how it fits seamlessly into a home setting.

4. Setup

4.1 Unpacking

1. Carefully remove the appliance from its packaging.
2. Remove all packing materials, including protective films and stickers.
3. Place the machine on a stable, flat surface, away from water sources and heat.

4.2 Initial Cleaning

1. Remove the water tank, drip tray, and coffee grounds container. Wash them with warm water and mild detergent. Rinse thoroughly and dry.
2. Wipe the exterior of the machine with a damp cloth.

4.3 Filling Water Tank and Bean Hopper

1. Fill the water tank with fresh, cold tap water up to the MAX level. Insert it back into the machine.
2. Open the bean hopper lid and fill it with fresh coffee beans. Close the lid.

4.4 First Use / Priming

1. Plug the machine into a suitable power outlet (220V).
2. Press the ON/OFF button to turn on the machine. The machine will perform a self-diagnosis and rinse cycle.
3. Place a container under the coffee spouts to collect the rinsing water.
4. Wait until the machine indicates it is ready for use (lights stop flashing).

5. Operating Instructions

5.1 Turning On/Off

- **To Turn On:** Press the **ON/OFF** button. The machine will warm up and perform an automatic rinse cycle.
- **To Turn Off:** Press the **ON/OFF** button. The machine will perform a final rinse cycle before shutting down.

5.2 Making Espresso and Coffee

1. Place one or two cups under the coffee spouts. Adjust the height of the spouts to fit your cup size.
2. Select your desired beverage by pressing the corresponding button:
    - **Espresso:** For a single shot of espresso.
    - **2x Espresso:** For a double shot of espresso.
    - **Coffee:** For a standard coffee.
    - **Long:** For a longer coffee.
3. The machine will automatically grind the beans, brew, and dispense the coffee.

5.3 Using the Milk Frother (Steam Wand)

1. Fill a pitcher with cold milk (preferably skim or semi-skimmed) to about one-third full.
2. Press the **Steam** button. Wait for the indicator light to become steady, indicating the machine is ready for steaming.
3. Immerse the steam wand into the milk, just below the surface.
4. Turn the steam knob to release steam. Move the pitcher up and down to create foam.
5. Once desired foam and temperature are reached, turn off the steam knob and remove the pitcher.
6. Immediately clean the steam wand after use (see Maintenance section).

5.4 Adjusting Coffee Strength and Grind

- **Coffee Strength:** Use the aroma selection dial on the control panel to choose your preferred coffee strength (Min to Max).
- **Grind Setting:** The grind setting can be adjusted inside the bean hopper. Turn the grind adjustment knob only when the coffee grinder is operating. A finer grind produces a stronger coffee, while a coarser grind results in a milder taste.

6. Maintenance and Cleaning

Regular cleaning ensures optimal performance and extends the life 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 is full.

- **Water Tank:** Rinse daily and refill with fresh water.
- **Coffee Spouts:** Wipe with a damp cloth.
- **Milk Frother:** After each use, wipe the steam wand with a damp cloth. Purge a small amount of steam to clear any milk residue from the nozzle.

6.2 Weekly/Monthly Cleaning

- **Brew Unit:** Remove the brew unit (refer to the machine's internal diagram for location). Rinse it under running water. Allow it to air dry completely before reinserting. Clean weekly.
- **Water Tank:** Clean thoroughly with a brush and mild detergent monthly.

6.3 Descaling Process

The machine will indicate when descaling is required. Follow these steps:

1. Empty the water tank and drip tray.
2. Pour the De'Longhi descaler solution into the water tank up to the indicated level, then fill with water to the MAX level.
3. Place a large container (at least 1.5 liters) under the coffee spouts and steam wand.
4. Follow the on-screen prompts or indicator lights to start the descaling cycle. This process typically involves several rinsing phases.
5. Once the descaling cycle is complete, rinse the water tank thoroughly and refill with fresh water. Perform a final rinse cycle as prompted by the machine.

7. Troubleshooting

Problem	Possible Cause	Solution
No coffee dispensed	Water tank empty; coffee beans empty; brew unit clogged.	Refill water tank; refill bean hopper; clean brew unit.
Coffee is too weak	Grind setting too coarse; insufficient coffee dose.	Adjust grind to a finer setting; increase coffee strength setting.
Machine not turning on	Not plugged in; power outage.	Check power cord connection; check power supply.
Descaling light on	Machine requires descaling.	Perform the descaling procedure as outlined in Section 6.3.
Milk frother not producing steam	Steam wand clogged; not enough water in tank.	Clean steam wand nozzle; ensure water tank is full.

8. Specifications

- **Model Name:** ECAM250.23

- **Brand:** De'Longhi
- **Coffee Maker Type:** Espresso Machine
- **Operation Mode:** ON-OFF
- **Coffee Input Type:** Coffee beans
- **Product Dimensions (D x W x H):** 3.94" x 18.9" x 19.69" (10cm x 48cm x 50cm)
- **Item Weight:** 4.4 pounds (2 kg)
- **Voltage:** 220V
- **Material:** Plastic (Exterior Finish: Metallic)
- **Special Feature:** App-Controlled
- **Included Components:** CAFETERA DELONGHI MAGNIFICA S SMART COMPLETAMENT AUTOMATIC TICA ECAM 250.23.SB

9. Warranty and Support

This De'Longhi appliance comes with a**2-year EU Spare Part Availability Duration** For warranty claims, technical support, or spare parts, please contact your local De'Longhi customer service or visit the official De'Longhi website. Please have your model number (ECAM 250.23.SB) and purchase information ready when contacting support.
For further assistance, you may visit the official De'Longhi store online:De'Longhi Store

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