De'Longhi ECAM31080SB

De'Longhi Magnifica Evo Next Fully Automatic Espresso Machine User Manual

Model: ECAM31080SB

Introduction

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your De'Longhi Magnifica Evo Next Fully Automatic Espresso Machine. Please read this manual thoroughly before using the appliance and keep it for future reference.

The Magnifica Evo Next is designed to offer a personalized and user-friendly experience for crafting a variety of espresso-based beverages. It features a built-in conical burr grinder, a milk frother, and an intuitive color display for easy selection of 13 one-touch recipes.

Important Safety Instructions

- Read all instructions 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, 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.

What's in the Box

Upon unpacking your De'Longhi Magnifica Evo Next, please ensure all the following components are present:

- De'Longhi Magnifica Evo Next Espresso Machine
- Total Hardness Test Strip
- Measuring Scoop for pre-ground coffee
- Carbon Active Filter
- Cleaning Brush
- Milk Carafe (for hot milk and frothing)
- Removable Water Spout
- User Manual (this document)



Figure 1: De'Longhi Magnifica Evo Next Espresso Machine and accessories.

Setup

1. **Unpacking:** Carefully remove the machine and all accessories from the packaging.
2. **Positioning:** Place the machine on a stable, level surface away from water sources and heat. Ensure adequate ventilation.

3. **Water Tank:** Remove the water tank, rinse it, and fill it with fresh, cold water up to the MAX level. Insert the Carbon Active Filter if desired. Reinsert the tank securely.
4. **Bean Container:** Open the lid of the bean container and pour fresh whole coffee beans into it. Ensure the lid is properly closed.
5. **Power Connection:** Plug the power cord into a grounded electrical outlet (120 Volts).
6. **Initial Startup:** Follow the on-screen prompts for the initial setup, which typically includes rinsing cycles.



Figure 2: Filling the bean container with fresh coffee beans.

Operating Instructions

Your Magnifica Evo Next offers a variety of one-touch recipes and customization options via its 2.4” TFT color screen and soft-touch buttons.

Brewing Coffee and Espresso

1. **Power On:** Press the power button to turn on the machine. It will perform a brief self-cleaning cycle.

2. **Select Drink:** On the color display, select your desired drink from the 13 one-touch recipes (e.g., Espresso, Coffee, Long, Americano).
3. **Adjust Settings (Optional):** Use the on-screen options to adjust coffee length, brew strength (5 intensity levels), or select 2x Espresso for a double shot.
4. **Start Brewing:** Place a cup under the coffee spouts and press the selected drink button to start brewing.



Figure 3: The machine's display with 13 preset recipes.



Figure 4: Personalizing drink recipes using the intuitive display.

Using the LatteCrema™ System (Milk Frothing)

The LatteCrema™ System automatically froths milk for lattes, cappuccinos, and other milk-based beverages.

1. **Fill Milk Carafe:** Fill the milk carafe with cold milk or your preferred milk alternative.
2. **Attach Carafe:** Attach the milk carafe to the machine's milk spout.
3. **Select Milk-Based Drink:** Choose a milk-based drink from the display, such as "My Latte" or "Cappuccino".
4. **Start Brewing:** Place a cup under the spouts and press the selected drink button. The machine will automatically dispense frothed milk and then coffee.



Figure 5: The LatteCrema™ System in action, frothing milk.

Hot Water Dispensing

For hot water for tea or other beverages, use the dedicated hot water function.

1. **Attach Water Spout:** Ensure the removable water spout is attached to the machine.
2. **Select Hot Water:** Press the "Hot Water" button on the display.
3. **Dispense:** Place a cup under the spout and press the button to start dispensing hot water.



Figure 6: The machine can brew both hot and iced beverages.

Maintenance and Cleaning

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

- **Daily Cleaning:**
  - Empty and rinse the drip tray and grounds container daily.
  - Wipe down the exterior of the machine with a soft, damp cloth.
  - Rinse the milk carafe components after each use. The carafe is detachable and dishwasher-safe.
- **Weekly Cleaning:**
  - Remove and rinse the brewing unit under running water. Allow it to air dry before reinserting.
  - Clean the coffee spouts with the provided cleaning brush.
- **Descaling:** The machine will prompt you when descaling is required. Use De'Longhi descaling solution and follow

the on-screen instructions.

- **Water Filter Replacement:** Replace the carbon active filter approximately every two months, or as indicated by the machine.



Figure 7: Cleaning removable components of the machine.

Troubleshooting

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

Problem	Possible Cause	Solution
No coffee dispensed.	Water tank empty; coffee beans empty; brewing unit clogged.	Refill water tank; refill bean container; clean brewing unit.
Milk not frothing properly.	Milk carafe not clean; milk too warm; milk type unsuitable.	Clean carafe thoroughly; use cold milk; try different milk type.
Machine displays "Descaling required".	Mineral buildup in the system.	Perform a descaling cycle as prompted by the machine.
Coffee is too weak or too strong.	Grind setting incorrect; coffee strength setting incorrect.	Adjust grind setting (finer for stronger, coarser for weaker); adjust coffee strength on display.

For more detailed troubleshooting, please refer to the full troubleshooting guide available on the De'Longhi website or contact customer support.

Specifications

Feature	Detail
Brand	De'Longhi
Model Name	Magnifica Evo Next
Model Number	ECAM31080SB
Color	Silver
Product Dimensions	17.5"D x 9.5"W x 14"H
Item Weight	21.2 pounds

Feature	Detail
Coffee Maker Type	Espresso Machine
Operation Mode	Fully Automatic
Voltage	120 Volts
Human Interface Input	Touchscreen
Special Features	Adjustable Brew Strength, Adjustable Coffee Length, Auto Shut-Off, LCD Color Screen, My Coffee Function
Included Components	Total Hardness Test, Measuring Scoop, Carbon Active Filter, Cleaning Brush, Milk carafe (hot), Removable Water Spout

Warranty and Support

De'Longhi products are manufactured to the highest quality standards. For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official De'Longhi website. For technical support, spare parts, or accessories, please contact De'Longhi Customer Service.

You may also consider purchasing extended protection plans for additional coverage, as offered by various retailers.

© 2025 De'Longhi. All rights reserved.
For more information, visit www.delonghi.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question