De'Longhi ETAM29.510.SB

De'Longhi ETAM29.510.SB Automatic Coffee Machine: User Manual

Model: ETAM29.510.SB

1. Introduction

This manual provides essential information for the safe and efficient operation of your De'Longhi ETAM29.510.SB automatic coffee machine. Please read all instructions carefully before using the appliance for the first time and keep this manual for future reference.



Figure 1: Front view of the De'Longhi ETAM29.510.SB coffee machine.

The De'Longhi ETAM29.510.SB is a compact, automatic bean-to-cup coffee machine designed to deliver a variety of coffee beverages, including espresso, long coffee, and doppio+, using freshly ground coffee beans or pre-ground coffee. It features an integrated grinder with 13 adjustable settings and a manual milk frother for preparing milk-based drinks.

2. 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. This appliance is intended for household use only.

- 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.
- 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 Components Overview

Familiarize yourself with the various parts of your coffee machine for proper operation and maintenance.



Figure 2: Exploded view illustrating key components of the coffee machine.

Key components include:

- **1.4 Litre Removable Water Tank:** Located on the side, for filling with fresh water.
- **150g Bean Container:** Located on top, for storing whole coffee beans.
- **Pre-Ground Funnel:** For adding pre-ground coffee.
- **Soft Touch Control Panel:** Front-facing panel with illuminated buttons for drink selection and settings.
- **Adjustable Coffee Dispenser (85-140mm):** Dispenses coffee into cups, adjustable for various cup sizes.
- **Manual Milk Frother:** Steam wand for frothing milk.
- **Used Grounds Container:** Collects spent coffee grounds.
- **Removable Drip Tray:** Collects excess water and coffee drips.

4. Initial Setup

Follow these steps before using your coffee machine for the first time.

1. **Unpacking:** Remove all packaging materials from the appliance and its accessories.
2. **Positioning:** Place the machine on a stable, level surface, away from water splashes and heat sources. Ensure adequate space around the machine for ventilation.
3. **Water Tank Preparation:** Remove the 1.4-liter water tank, rinse it, and fill it with fresh tap water up to the MAX level. Reinsert the tank securely.
4. **Coffee Bean Container:** Open the lid of the 150g bean container and fill it with fresh coffee beans. Close the lid.
5. **Power Connection:** Plug the power cord into a suitable 220-240V 50/60Hz electrical outlet.
6. **First Use Cycle:** The machine will guide you through an initial rinse cycle. Follow the on-screen prompts or indicator lights. This primes the circuits and ensures optimal coffee quality. Place a container under the coffee spouts and steam wand during this process.
7. **Water Hardness Setting:** It is recommended to set the water hardness level according to your local water supply. Refer to the full manual for detailed instructions on how to test and set this parameter, as it affects descaling frequency.

5. Operating Instructions

Your De'Longhi ETAM29.510.SB offers various options for preparing your favorite coffee beverages.

5.1 Control Panel Overview



Figure 3: Detailed view of the soft-touch control panel.

The control panel features illuminated buttons for direct selection of drinks and functions:

- **Espresso** / **Double Espresso:** For single or double espresso shots.
- **Coffee** / **Double Coffee:** For single or double regular coffee.
- **Long Coffee:** For a larger volume of coffee.

- **Doppio+:** For an extra strong and intense coffee.
- **Steam / Hot Water Valve:** Activates the steam wand for frothing milk or dispensing hot water.
- **Aroma Control Dial:** Adjusts the intensity of your coffee.
- **Rinse Button:** Initiates a rinse cycle.

5.2 Making Coffee

1. **Turn On:** Press the power button. The machine will perform an automatic rinse cycle.
2. **Adjust Dispenser:** Adjust the height of the coffee dispenser to fit your cup (85-140mm).
3. **Select Drink:** Place one or two cups under the dispenser. Press the desired coffee button (e.g., Espresso, Long Coffee).
4. **Adjust Aroma:** Turn the Aroma Control dial to select your preferred coffee strength.
5. **Dispensing:** The machine will grind the beans and dispense the coffee.



Figure 4: Single espresso being dispensed.



Figure 5: Two espressos being dispensed simultaneously.

5.3 Using Pre-Ground Coffee

If you wish to use pre-ground coffee (e.g., decaffeinated), ensure the machine is on and ready. Open the pre-ground coffee funnel and add one scoop of pre-ground coffee. Then select your desired drink. Do not add more than one scoop to avoid clogging.

5.4 Milk Frothing (Manual Steam Wand)

1. **Prepare Milk:** Fill a pitcher with cold milk (dairy or non-dairy).
2. **Activate Steam:** Turn the Steam/Hot Water valve to the steam position. Wait for the steam indicator light to stabilize.
3. **Froth Milk:** Immerse the steam wand tip just below the surface of the milk. Turn the steam knob to release steam. Move the pitcher up and down to create foam.
4. **Clean Wand:** After frothing, turn off the steam. Wipe the steam wand immediately with a damp cloth to prevent milk residue from drying.



Figure 6: Manual milk frothing in progress.

5.5 Hot Water Dispensing

To dispense hot water, place a cup under the steam wand. Turn the Steam/Hot Water valve to the hot water position. The machine will dispense hot water. Turn the valve back to stop the flow.



Figure 7: Hot water being dispensed from the steam wand.

5.6 Adjusting Grind Settings

The integrated grinder has 13 adjustable grind levels. To change the grind setting, turn the grind adjustment knob located inside the bean container. Only adjust the grind setting while the grinder is operating to prevent damage.

6. Maintenance and Cleaning

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

6.1 Daily Cleaning

- **Drip Tray and Used Grounds Container:** Empty and rinse the drip tray and used grounds container daily. The machine will indicate when the grounds container needs emptying.
- **Water Tank:** Rinse the water tank daily and refill with fresh water.
- **Coffee Dispenser:** Wipe the coffee dispenser with a damp cloth.

6.2 Descaling

The machine will alert you when descaling is required. Descaling removes mineral buildup and is essential for maintaining performance and preventing damage. Use a De'Longhi descaling solution and follow the instructions provided with the descaler or in the full product manual. The frequency of descaling depends on your water hardness setting and usage.

6.3 Brew Unit Cleaning

The brew unit should be removed and rinsed under running water periodically. Refer to the full manual for detailed instructions on how to remove, clean, and reinsert the brew unit.

7. Troubleshooting

This section addresses common issues you might encounter. For a comprehensive list of problems and solutions, please consult the full product manual.

Problem	Possible Cause	Solution
Machine does not turn on	Not plugged in; power outage.	Check power cord connection; verify power supply.
No coffee is dispensed	Water tank empty; coffee beans empty; brew unit clogged.	Fill water tank; fill bean container; clean brew unit.
Coffee is too weak	Aroma setting too low; grind setting too coarse; insufficient coffee dose.	Increase aroma setting; adjust grind to finer setting; ensure sufficient beans.
Descaling alert remains on	Descaling cycle not completed or not performed correctly.	Perform a full descaling cycle as per instructions.
Milk not frothing properly	Steam wand clogged; milk not cold enough; incorrect frothing technique.	Clean steam wand; use cold milk; review frothing technique.

8. Technical Specifications

Brand: De'Longhi

Model: ETAM29.510.SB

Power: 1450 Watts

Voltage/Frequency: 220-240V ~ 50/60Hz

Water Tank Capacity: 1.4 Litres

Bean Container Capacity: 150 grams

Dimensions (L x W x H): 19.5 cm x 32.5 cm x 47.3 cm

Weight: 9.1 Kilograms

Material: Stainless Steel

Grind Settings: 13 levels

Automatic Shut-off: Yes

Special Features: Adjustable grinder, integrated grinder, manual milk frother, cappuccino function, hot milk function, latte macchiato function, latte function.

9. Warranty and Support

De'Longhi ensures the availability of spare parts for this model for 10 years from the date of purchase. For warranty claims, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official De'Longhi website for contact information specific to your region.

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