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De'Longhi ECAM23120SB

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Model: ECAM23120SB

1. INTRODUCTION

Welcome to the world of authentic Italian coffee with your new De'Longhi Magnifica S Express Super Automatic Espresso Machine. This manual provides essential information for the safe and efficient operation, maintenance, and care of your appliance. Please read it thoroughly before first use and keep it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and/or injury to persons. This machine operates with hot water and steam, exercise caution.

- Ensure the voltage indicated on the appliance corresponds to your mains voltage.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Keep hands and face clear of the hot water/steam nozzle during operation.
- Unplug the machine from the outlet when not in use and before cleaning.

3. SETUP

3.1 Unpacking and Placement

Carefully remove all packaging materials. Place the machine on a stable, level surface away from heat sources and water. Ensure adequate space around the machine for ventilation and access to components.



Image: The De'Longhi Magnifica S Express Espresso Machine, showing its compact dimensions of 15"D x 10"W x 17"H, suitable for various kitchen countertops.

3.2 Filling the Water Reservoir

The removable 1.8-liter (60 oz) water tank is located on the side of the machine. Pull it out, fill it with fresh, cold water up to the MAX level indicator, and reinsert it firmly. Ensure the tank is properly seated to prevent leaks.

3.3 Adding Coffee Beans

Open the lid on top of the machine to access the bean hopper. Pour fresh whole coffee beans into the hopper. The integrated silent burr grinder will grind the beans as needed for each brew.



Image: A hand pouring whole coffee beans into the top-mounted bean hopper of the espresso machine, ready for grinding.

3.4 Initial Rinse Cycle

Before first use, or after the machine has been unused for a long period, perform an initial rinse cycle. Place a container under the coffee spouts and steam nozzle. Turn on the machine; it will automatically perform a self-cleaning cycle, dispensing hot water. This primes the system and ensures optimal performance.

4. OPERATING INSTRUCTIONS



Image: The main control panel of the De'Longhi Magnifica S Express, showing the various buttons and dials for operation.

4.1 Power On/Off

Press the **ON/OFF** button to turn the machine on or off. The machine will perform an automatic rinse cycle upon startup and shutdown.

4.2 Adjusting Coffee Strength and Grind

Use the central dial to adjust the coffee strength from minimum to maximum. The integrated burr grinder allows for fine-tuning of the grind setting for optimal flavor extraction. Experiment to find your preferred taste.

4.3 Brewing Espresso and Long Coffee

Place one or two cups under the coffee spouts. Press the **single cup** or **double cup** button for espresso. For a longer coffee, press the **Long Coffee Function** button. The machine will automatically grind the beans and brew your selection.



Image: A close-up of the De'Longhi Magnifica S Express dispensing freshly brewed espresso into a glass.

4.4 Using Pre-Ground Coffee (Bypass)

For decaffeinated coffee or a different blend, you can use pre-ground coffee. Turn the central dial to the pre-ground coffee setting (spoon icon). Open the pre-ground coffee funnel on top of the machine and add one scoop of pre-ground coffee. Then, select your desired brew size.

4.5 Milk Frothing

The machine features a manual frother for hot milk or cappuccino. Fill a pitcher with cold milk. Submerge the steam wand into the milk and turn the steam knob to release steam. Move the pitcher up and down to create desired foam. Once frothed, turn off the steam and clean the wand immediately.



Image: The manual frother in action, creating rich, creamy milk foam for lattes and cappuccinos.

5. MAINTENANCE

Regular cleaning and maintenance ensure the longevity and optimal performance of your espresso machine.

5.1 Emptying Coffee Grounds Container

The coffee grounds container should be emptied when the indicator light illuminates. Slide out the drip tray and the grounds container together. Dispose of the spent grounds and rinse the container with water.

5.2 Cleaning the Drip Tray

The drip tray collects excess water and coffee. It should be emptied and cleaned regularly. Slide it out from the front of the machine, discard the liquid, and wash with warm soapy water. The red indicator will float up when the tray is full.

5.3 Cleaning the Milk Frother

After each use, wipe the steam wand with a damp cloth. Periodically, remove the frother nozzle and rinse it thoroughly under running water to prevent milk residue buildup.

5.4 Descaling

The machine will indicate when descaling is required. Use a De'Longhi descaler solution and follow the instructions provided with the descaler. Regular descaling prevents mineral buildup and maintains machine efficiency.

5.5 General Cleaning

Wipe the exterior of the machine with a soft, damp cloth. Do not use abrasive cleaners or solvents. Clean the coffee spouts and the area around them regularly.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Coffee is too weak or watery.	Grind setting too coarse; insufficient coffee dose.	Adjust grind to a finer setting; increase coffee strength using the dial.
No coffee dispenses.	Water tank empty; coffee beans jammed; machine needs descaling.	Fill water tank; check bean hopper for blockages; perform descaling cycle.
Milk frother not producing steam.	Steam nozzle blocked; machine not at steam temperature.	Clean steam nozzle; wait for machine to reach operating temperature.
Machine is noisy during grinding.	Normal operation; foreign object in grinder.	This is normal. If excessive, check bean hopper for foreign objects (e.g., small stones).

7. SPECIFICATIONS

Brand: De'Longhi

Model: ECAM23120SB

Color: Silver

Product Dimensions: 15"D x 10"W x 17"H

Coffee Maker Type: Espresso Machine

Filter Type: Reusable

Included Components: Milk Frother

Operation Mode: Fully Automatic

Water Tank Capacity: 1.8 Litre (60 oz)

Pressure: 15 bar

Item Weight: 24.4 pounds

UPC: 044387231206

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official De'Longhi website. Keep your proof of purchase for warranty claims.

For further assistance, you may contact De'Longhi customer service through their official channels.