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De'Longhi ECAM 20.110.B

DeLonghi Magnifica S ECAM 20.110.B Automatic Espresso Machine User Manual

Model: ECAM 20.110.B

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your DeLonghi Magnifica S ECAM 20.110.B automatic espresso machine. Please read these instructions carefully before using the appliance and keep them for future reference.

2. Safety Instructions

- Ensure the appliance is connected to a grounded power outlet with the correct voltage.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Keep the appliance out of reach of children.
- Exercise caution when handling hot surfaces and steam.
- Unplug the machine before cleaning and when not in use for extended periods.
- Do not operate the appliance if it has a damaged cord or plug, or if it malfunctions. Contact customer support for assistance.

3. Product Components

Familiarize yourself with the main parts of your espresso machine:



Figure 1: DeLonghi Magnifica S ECAM 20.110.B Automatic Espresso Machine. This image displays the DeLonghi Magnifica S ECAM 20.110.B automatic espresso machine. Key components visible include the control panel with rotary dial and buttons, coffee spouts, drip tray, and steam wand on the left. The machine's dimensions are indicated: 43cm height, 35.1cm width, and 23.8cm depth.

1. **Control Panel:** Features a rotary dial for aroma intensity and buttons for various functions (power, single/double espresso, steam).
2. **Coffee Bean Container:** Located at the top, for whole coffee beans.
3. **Water Tank:** Removable, located on the side or rear, for water supply.
4. **Coffee Spouts:** Dispense brewed coffee.
5. **Steam Wand (Cappuccino System):** For frothing milk.
6. **Drip Tray:** Collects excess water and coffee drips.
7. **Coffee Grounds Container:** Collects used coffee pucks.
8. **Cup Warmer:** Passive heating surface on top.

4. Setup

1. **Unpacking:** Carefully remove the machine from its packaging. Remove all protective films and packaging materials.
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 and access.
3. **Initial Cleaning:** Wash the water tank, drip tray, and coffee grounds container with warm water and mild detergent. Rinse thoroughly.
4. **Fill Water Tank:** Fill the removable water tank with fresh, cold tap water up to the MAX level. Insert it back into the machine.
5. **Add Coffee Beans:** Open the lid of the coffee bean container and pour fresh coffee beans into it. Do not use ground coffee in this container.
6. **Power Connection:** Plug the power cord into a suitable electrical outlet.
7. **First Use / Priming:** Follow the on-screen prompts or indicator lights for the initial circuit priming. This usually involves dispensing hot water through the steam wand to fill the internal circuits.

5. Operating Instructions

5.1. Making Espresso

1. Ensure the water tank is filled and coffee beans are in the container.
2. Place one or two cups under the coffee spouts.
3. **Adjust Aroma Intensity:** Turn the central rotary dial on the control panel to select your desired coffee aroma intensity (Min to Max).
4. **Select Coffee Quantity:** Press the single cup button for a short espresso or the double cup button for a longer espresso. The machine will grind the beans, brew, and dispense the coffee.
5. The machine will automatically stop dispensing when the programmed quantity is reached.

5.2. Using Pre-Ground Coffee

This machine also allows the use of pre-ground coffee for single servings.

1. Press the pre-ground coffee button (usually indicated by a spoon icon).
2. Open the lid of the pre-ground coffee funnel (usually next to the bean container) and add one level scoop of pre-ground coffee. Do not add more than one scoop.
3. Place a cup under the coffee spouts and press the single cup button.

5.3. Using the Cappuccino System (Steam Wand)

The stainless steel Cappuccino System is designed to produce rich, creamy foam for cappuccinos and lattes.

1. Fill a pitcher with cold milk (dairy or non-dairy).
2. Press the steam button on the control panel. Wait for the indicator light to stabilize, indicating the machine is ready for steam.
3. Submerge the steam wand tip just below the surface of the milk.
4. Turn the steam knob (if present) or press the steam button again to release steam. Move the pitcher up and down to create foam.
5. Once desired foam is achieved, turn off the steam.
6. **Important:** After each use, clean the steam wand immediately with a damp cloth to prevent milk residue from drying. Purge a small amount of steam to clear the internal nozzle.

6. Maintenance

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

6.1. Daily Cleaning

- **Drip Tray and Coffee Grounds Container:** Empty and rinse daily. The machine will indicate when the grounds container needs emptying.
- **Water Tank:** Rinse daily and refill with fresh water.
- **Coffee Spouts:** Wipe with a damp cloth.
- **Steam Wand:** Clean immediately after each use as described in section 5.3.

6.2. Descaling

The machine features an automatic descaling system. An indicator light will illuminate when descaling is required. Follow the instructions provided in the machine's display or specific descaling manual for your model. Use only DeLonghi descaling solution.

6.3. Brew Unit Cleaning

The brew unit should be removed and rinsed under running water at least once a month. Refer to the detailed instructions in the full manual for removal and reinsertion.

7. Troubleshooting

Problem	Possible Cause	Solution
No coffee dispensed.	Water tank empty; coffee beans empty; brew unit clogged.	Fill water tank; add coffee beans; clean brew unit.
Coffee is too weak.	Grind setting too coarse; insufficient coffee dose; low aroma intensity setting.	Adjust grind setting finer; increase aroma intensity; ensure enough coffee beans.
Water leaks from machine.	Water tank not properly inserted; drip tray full; internal component issue.	Reinsert water tank correctly; empty drip tray; contact support if issue persists.
Machine is noisy.	Normal operation during grinding/brewing; air in circuit; descaling needed.	This is often normal. If excessive, prime the circuit or perform descaling.

8. Specifications

Model Number: ECAM 20.110.B (also referred to as ECAM 22.110.B in some documentation)

Dimensions (L x W x H): 43 x 23.8 x 35.1 cm

Weight: 9 kg

Water Tank Capacity: 1.8 Liters

Coffee Bean Container Capacity: 250 g

Power: 1450 Watts

Maximum Pressure: 15 bar

Material: Plastic

Color: Black

Special Features: Integrated grinder, Automatic descaling system, Adjustable coffee intensity, Removable water tank, Cup warmer, Cappuccino System.

9. Warranty and Support

Your DeLonghi Magnifica S ECAM 20.110.B espresso machine comes with a manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official De'Longhi website. For technical support, spare parts, or service, please contact De'Longhi customer service in your region. Always provide your model number (ECAM 20.110.B) when contacting support.

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