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De'Longhi ECAM 450.86.T Fully Automatic Coffee Machine User Manual

Model: ECAM 450.86.T

1. INTRODUCTION

Thank you for choosing the De'Longhi ECAM 450.86.T Eletta Explore Cold Brew Fully Automatic Coffee Machine. This appliance is designed to provide a wide range of coffee beverages, including espresso, cappuccino, latte, and cold brew, with convenience and quality. This manual provides essential information for the safe and efficient use, maintenance, and troubleshooting of your new coffee machine.

Please read this manual thoroughly before using the appliance and keep it for future reference.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** 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. Do not operate the appliance with a damaged cord or plug.
- **Hot Surfaces:** The appliance generates hot water and steam during operation. Avoid contact with hot surfaces and steam to prevent burns. Use handles and knobs.
- **Children:** This appliance is not intended for use by children. Keep the appliance and its cord out of reach of children.
- **Placement:** Place the appliance on a stable, level surface, away from heat sources and water. Ensure adequate ventilation around the machine.
- **Cleaning:** Always unplug the appliance before cleaning. Do not use abrasive cleaners or scourers.
- **Intended Use:** This appliance is designed for household use only, for preparing coffee beverages. Any other use is considered improper and potentially dangerous.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your De'Longhi ECAM 450.86.T coffee machine:

- **Water Tank:** Removable tank for fresh water (1.8 Liters capacity).

- **Bean Hopper:** Container for whole coffee beans.
- **Grinder Adjustment Dial:** For adjusting coffee grind fineness.
- **Coffee Spouts:** Adjustable spouts for dispensing coffee.
- **Milk System (LatteCrema System):** For frothing and dispensing milk for cappuccinos and lattes.
- **Drip Tray:** Collects excess water and coffee drips.
- **Ground Coffee Funnel:** For pre-ground coffee.
- **Control Panel:** Touch display for selecting beverages and settings.
- **Brew Unit:** The heart of the machine, where coffee is brewed.



Image: Front view of the De'Longhi ECAM 450.86.T Fully Automatic Coffee Machine, showcasing its sleek design and accessible control panel.

4. SETUP

1. **Unpacking:** Carefully remove the machine from its packaging. Remove all protective films and packaging materials.
2. **Initial Cleaning:** Wash the water tank, drip tray, and milk carafe with warm water and mild detergent. Rinse thoroughly.
3. **Positioning:** Place the machine on a stable, level surface, ensuring sufficient space around it for ventilation and access.
4. **Fill Water Tank:** Fill the water tank with fresh, cold tap water up to the MAX level. Insert it back into the machine.
5. **Fill Bean Hopper:** Open the bean hopper lid and pour fresh coffee beans into the container. Do not use

ground coffee, instant coffee, or caramelized beans.

6. **Power On:** Plug the appliance into a suitable power outlet (240V). Press the ON/OFF button to switch on the machine.
7. **First Use / Priming:** The machine will guide you through an initial circuit rinse. Follow the instructions on the display. This process primes the internal circuits with water.

5. OPERATING THE MACHINE

5.1 Basic Coffee Preparation (Espresso, Coffee)

1. Ensure the water tank is filled and the bean hopper contains coffee beans.
2. Place one or two cups under the coffee spouts.
3. Select your desired coffee beverage (e.g., Espresso, Coffee) from the touch display.
4. The machine will automatically grind the beans, brew, and dispense the coffee.
5. You can customize strength and volume via the display before brewing.

5.2 Milk-Based Beverages (Cappuccino, Latte)

1. Fill the milk carafe with fresh, cold milk. Attach the carafe to the machine.
2. Place a cup under the milk spout and coffee spouts.
3. Select your desired milk-based beverage (e.g., Cappuccino, Latte) from the display.
4. The machine will automatically froth and dispense milk, then brew and dispense coffee.
5. After use, remove the milk carafe and perform the automatic cleaning cycle as prompted by the machine.

5.3 Cold Brew Function

The ECAM 450.86.T features a dedicated Cold Brew function for refreshing cold coffee beverages.

1. Ensure the water tank is filled and the bean hopper contains coffee beans.
2. Place a glass under the coffee spouts.
3. Select a Cold Brew option from the display.
4. The machine will prepare a cold brew concentrate. You may add ice or water to dilute to your preference.

5.4 Voice Control Feature

This model supports voice control for convenient operation. Refer to the machine's on-screen instructions or the dedicated app (if applicable) for setup and compatible voice commands.

6. MAINTENANCE

6.1 Daily Cleaning

- **Drip Tray:** Empty and clean the drip tray daily.
- **Milk Carafe:** After each use, perform the automatic cleaning cycle for the milk carafe. Disassemble and wash all components of the milk carafe regularly with warm water and mild detergent.
- **Coffee Spouts:** Wipe the coffee spouts with a damp cloth.

6.2 Weekly/Monthly Cleaning

- **Brew Unit:** The brew unit should be removed and rinsed under running water at least once a week. Allow it to air dry before reinserting.
- **Grounds Container:** Empty and clean the grounds container regularly.
- **Water Tank:** Clean the water tank with a damp cloth and mild detergent.

6.3 Descaling

The machine will prompt you when descaling is required. Use only De'Longhi descaling solution. Follow the on-screen instructions carefully for the descaling process. Regular descaling is crucial for the longevity and performance of your machine.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No coffee dispensed	Water tank empty; brew unit clogged; coffee beans empty.	Fill water tank; clean brew unit; fill bean hopper.
Weak coffee	Grind too coarse; insufficient coffee dose; descaling needed.	Adjust grind finer; increase coffee strength setting; descale machine.
Milk not frothing correctly	Milk carafe dirty; milk type unsuitable; milk too warm.	Clean milk carafe thoroughly; use cold, fresh milk (dairy or suitable plant-based); ensure carafe is properly assembled.
Machine displays error message	Specific internal issue.	Refer to the on-screen message for specific instructions. If persistent, contact customer support.

8. SPECIFICATIONS

- **Model Number:** ECAM 450.86.T
- **Power:** 1450 Watts
- **Voltage:** 240V
- **Water Tank Capacity:** 1.8 Liters
- **Material:** Titanium (referring to internal components or finish)
- **Color:** Black
- **Dimensions (L x W x H):** Approximately 61 x 51 x 34 cm (Product dimensions from specifications: 1 x 1 x 1 cm; 11,4 kilogrammes, and 61P x 51l x 34H centimètres. Using the more detailed one.)
- **Weight:** 11.4 Kilograms
- **Special Features:** Voice control transmission, 2-in-1 functionality (coffee and milk system), Cold Brew.

9. WARRANTY AND SUPPORT

Your De'Longhi ECAM 450.86.T coffee machine comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the warranty period and coverage.

For technical assistance, spare parts, or service, please contact De'Longhi customer support in your region. Contact information can typically be found on the official De'Longhi website or in the documentation provided with your appliance.

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