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De'Longhi EC685.W

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Model: EC685.W | Brand: De'Longhi

1. INTRODUCTION

Welcome to the De'Longhi Dedicca EC685.W Espresso Machine user manual. This guide provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your new espresso and cappuccino machine. Please read this manual thoroughly before using the appliance for the first time and keep it for future reference.

The De'Longhi Dedicca EC685.W is designed to deliver authentic Italian espresso and creamy cappuccinos using either ground coffee or E.S.E. pods. This product also includes De'Longhi EcoDecalk descaler for proper maintenance.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of fire, electric shock, and/or injury:

- Read all instructions carefully before use.
- 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.
- 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.
- Extreme caution must be used when moving an appliance containing hot liquids.

3. PACKAGE CONTENTS

Carefully unpack your De'Longhi Dedica EC685.W and ensure all items are present:

- De'Longhi Dedica EC685.W Espresso Machine
- Portafilter
- Filter for 1 cup (ground coffee)
- Filter for 2 cups (ground coffee)
- Filter for E.S.E. pods
- Measuring spoon/Tamper
- De'Longhi EcoDecalk Descaler (500ml bottle)
- Instruction Manual (this document)



Image: The De'Longhi Dedicca EC685.W espresso machine shown alongside the EcoDecalk descaler bottle and box, illustrating the complete product package.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your espresso machine:



Image: Front view of the De'Longhi Dedica EC685.W espresso machine, highlighting its compact design and control panel.

- **A. Water Tank:** Removable tank for filling with fresh water.
- **B. Cup Warmer:** Top surface to pre-heat cups.
- **C. Control Panel:** Buttons for On/Off, 1-cup, 2-cup, and steam functions.
- **D. Portafilter Holder:** Where the portafilter is inserted and locked.
- **E. Drip Tray:** Collects excess water and coffee drips. Removable for cleaning.
- **F. Steam Wand/Milk Frother:** For frothing milk for cappuccinos and lattes.
- **G. Steam Dial:** Controls the steam output.

5. SETUP AND FIRST USE

1. **Unpack:** Remove all packaging materials and ensure all components are present.
2. **Clean:** Wash the water tank, portafilter, and filters with warm water and mild detergent. Rinse thoroughly.
3. **Fill Water Tank:** Fill the water tank (A) with fresh, cold water up to the MAX level. Place it back into the machine.
4. **Prime the Circuit:**
 - Plug the machine into a grounded power outlet.
 - Press the On/Off button (C) to turn on the machine. The lights will flash.
 - Place a container under the steam wand (F).
 - Turn the steam dial (G) to the open position. Water will dispense from the steam wand.
 - Once water flows continuously, turn the steam dial (G) to the closed position. The machine will heat up, and the lights will stop flashing when ready.

5. Rinse Cycle:

- Insert the portafilter (D) with no coffee into the group head.
- Place a cup under the portafilter.
- Press the 1-cup button (C) to dispense water. Repeat this process 2-3 times to rinse the internal circuits.

6. OPERATING THE MACHINE

6.1 Making Espresso

1. Prepare the Filter:

- For ground coffee: Insert the appropriate filter (1-cup or 2-cup) into the portafilter. Fill with ground coffee (approx. 7g for 1 cup, 14g for 2 cups) and tamp firmly with the measuring spoon/tamper. Remove any excess coffee from the rim.
- For E.S.E. pods: Insert the E.S.E. pod filter into the portafilter. Place one E.S.E. pod into the filter.

2. **Insert Portafilter:** Insert the portafilter into the group head and turn it to the right until it locks firmly into place.

3. **Place Cups:** Place one or two pre-heated cups under the spouts of the portafilter.

4. Brew Coffee:

- Ensure the machine is ready (lights are steady).
- Press the 1-cup or 2-cup button (C) depending on your desired serving. The machine will automatically stop when the pre-set quantity is reached.
- You can customize the coffee quantity by holding down the button until the desired amount is dispensed, then release. The machine will remember this setting for future use.

5. **Remove Portafilter:** Once brewing is complete, carefully remove the portafilter by turning it to the left. Dispose of the used coffee grounds/pod.



Image: The De'Longhi Dedicca EC685.W machine actively brewing espresso into two small glass cups, demonstrating the coffee extraction process.

6.2 Frothing Milk for Cappuccino

1. **Prepare Milk:** Fill a pitcher with cold milk (preferably semi-skimmed or skimmed) to about one-third full.

2. **Activate Steam:**

- Ensure the machine is on and ready.
- Press the steam button (C). The light will flash, indicating the machine is heating up for steam production. It will become steady when ready.

3. **Froth Milk:**

- Place the pitcher under the steam wand (F), immersing the tip just below the surface of the milk.
- Turn the steam dial (G) slowly to the open position. Steam will begin to dispense.
- Move the pitcher up and down gently to create foam. When the desired foam consistency and temperature are reached, close the steam dial (G).

4. **Clean Steam Wand:** Immediately after frothing, wipe the steam wand with a damp cloth to remove any milk residue. Briefly open the steam dial again to purge any remaining milk from the nozzle, then close it.



Image: A hand holding a metal pitcher under the steam wand of the De'Longhi Dedica EC685.W, demonstrating the milk frothing process for cappuccino.

7. MAINTENANCE AND CLEANING

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

7.1 Daily Cleaning

- **Portafilter and Filters:** After each use, remove the portafilter and discard coffee grounds. Rinse the portafilter and filters under running water.
- **Drip Tray:** Empty and rinse the drip tray (E) daily or when the red indicator floats up.
- **Water Tank:** Rinse the water tank (A) daily and refill with fresh water.
- **Exterior:** Wipe the exterior of the machine with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7.2 Descaling

Descaling is essential to remove mineral deposits that build up over time, ensuring proper machine function and coffee quality. The frequency depends on water hardness and usage. The machine will indicate when descaling is needed (refer to your machine's specific descaling light indicator).

Use De'Longhi EcoDecalk descaler (DLSC500) for best results. This ecological descaler is made with natural raw materials and is highly effective.



Image: The De'Longhi EcoDecalk descaler, showing both the product box and the 500ml bottle, essential for machine maintenance.



Image: A graphic highlighting the "ALL NATURAL" and eco-friendly features of De'Longhi EcoDecalk, including its recyclability and dosage information.

Descaling Procedure (General Steps - refer to machine display for exact prompts):

1. Empty the drip tray and water tank.
2. Pour 100ml of EcoDecalk descaler into the water tank, then add fresh water up to the MAX level (total 1 liter solution).
3. Place a large container (at least 1.5 liters) under the coffee spout and steam wand.
4. Initiate the descaling cycle (usually by pressing and holding specific buttons, refer to your machine's quick start guide or display).
5. The machine will dispense the descaling solution in intervals through the coffee spout and steam wand.
6. Once the water tank is empty, rinse it thoroughly and refill with fresh water.
7. Perform a rinsing cycle by dispensing fresh water through the coffee spout and steam wand until the tank is empty. Repeat this rinsing cycle at least twice.
8. The descaling light should turn off, indicating the process is complete.

8. TROUBLESHOOTING

If you encounter issues with your machine, consult the table below for common problems and solutions:

Problem	Possible Cause	Solution
No coffee dispensed.	Water tank empty or not inserted correctly.	Fill water tank and ensure it is properly seated.
Coffee is too weak or watery.	Coffee ground too coarse, not enough coffee, or not tamped firmly enough.	Use finer ground coffee, increase coffee quantity, or tamp more firmly.
Coffee is too strong or drips slowly.	Coffee ground too fine or too much coffee.	Use coarser ground coffee or reduce coffee quantity.
No steam from the steam wand.	Steam button not pressed, machine not heated for steam, or steam wand clogged.	Press steam button and wait for readiness. Clean steam wand nozzle.
Descaling light remains on.	Descaling cycle not completed or not performed correctly.	Perform a full descaling cycle as per instructions, including rinsing.

If the problem persists, please contact De'Longhi customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	De'Longhi
Model	EC685.W
Color	White
Special Feature	Programmable Flow Stop Function
Coffee Type Compatibility	Ground Coffee, E.S.E. Pods
Pump Pressure	15 Bar (typical for espresso machines)
Dimensions (approx.)	15 cm width
First Available Date	September 20, 2019

10. WARRANTY AND SUPPORT

Your De'Longhi Dedicca EC685.W Espresso Machine comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details.

For technical assistance, spare parts, or warranty claims, please contact De'Longhi Customer Service. Contact information can typically be found on the De'Longhi official website or on the warranty card.

Online Support: Visit the official De'Longhi website for FAQs, product registration, and support resources.