De'Longhi EC890WI

De'Longhi Dedica Duo Compact Espresso Machine (Model EC890WI) - User Manual

Your comprehensive guide to operating and maintaining your De'Longhi Dedica Duo.

1. Introduction

The De'Longhi Dedica Duo Compact Espresso Machine, Model EC890WI, is designed to provide a versatile coffee experience, offering both hot espresso beverages and refreshing cold brew. Its compact design and intuitive controls make it suitable for any kitchen space. This manual provides essential information for the safe and efficient use of your appliance.



Figure 1: De'Longhi Dedica Duo Compact Espresso Machine (Vanilla)

2. Product Overview & What's Included

The Dedica Duo features a sleek Italian design with a digital touch display for easy operation. It incorporates Advanced Thermoblock Technology for fast heating and precise temperature control, and Cold Extraction Technology for quick cold brew preparation.

Key Features:

- **Dual-Temperature Coffee Menu:** Offers options for hot espresso and cold brew.
- **Optimal Extraction:** Professional pump delivers consistent 9-bar pressure with low-pressure pre-infusion and auto-stop function.
- **Digital Touch Display:** Soft-touch interface with full-color icons for simplified control.

- **Advanced Thermoblock Technology:** Ensures fast heating and stable temperature for hot beverages.
- **My LatteArt Steam Wand:** Powerful, cool-touch steam wand for creating microfoam from milk and plant-based alternatives.
- **Compact Design:** Measures only 5.9 inches across, ideal for various kitchen sizes.
- **Adjustable Drip Tray:** Accommodates various cup sizes, from espresso cups to tall latte glasses.

Included Components:



Figure 2: Included Accessories

- Dedica Duo Espresso Machine
- Portafilter with Single/Double Filter Baskets

- Professional Tamper
- Measuring Scoop
- Cleaning Needle
- Total Hardness Test Strip

3. Setup

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all included accessories are present.
2. **Placement:** Place the machine on a stable, flat surface away from heat sources and water. Ensure adequate ventilation.
3. **Water Tank:** Fill the removable water tank with fresh, cold water up to the MAX level. Ensure the tank is securely placed back into the machine.
4. **Initial Rinse Cycle:** Before first use, perform an initial rinse cycle without coffee to clean the internal circuits. Refer to the detailed instructions in the full manual for this process.

4. Operating Instructions

4.1. Brewing Espresso (Single/Double)

1. **Prepare Portafilter:** Insert the desired filter basket (single or double) into the portafilter. Fill with finely ground espresso coffee.
2. **Tamp Coffee:** Use the professional tamper to press the coffee grounds firmly and evenly.
3. **Attach Portafilter:** Insert the portafilter into the brewing head and turn it to the right until it locks securely.
4. **Place Cup:** Position your espresso cup(s) on the drip tray beneath the portafilter spouts. Adjust the drip tray height if necessary.
5. **Select Brew:** On the digital touch display, press the 'Espresso' button for a single shot or the '2x Espresso' button for a double shot. The machine will automatically stop when the brewing cycle is complete.



Figure 3: Expertly Extracted Espresso



Figure 4: Adjustable Drip Tray

4.2. Making Cold Brew

The Dedica Duo utilizes Cold Extraction Technology to prepare cold brew quickly.

1. **Prepare Portafilter:** Fill the filter basket with coffee grounds suitable for cold brew (typically a coarser grind than espresso).
2. **Attach Portafilter:** Secure the portafilter into the brewing head.
3. **Place Glass:** Place a glass filled with ice under the portafilter.
4. **Select Cold Brew:** On the digital touch display, press the 'Cold Brew' button. The machine will begin the cold extraction process and stop automatically.



Figure 5: Enjoying Cold Brew in Minutes

Your browser does not support the video tag.

Video 1: Demonstration of Dedica Duo with Cold Brew in Vanilla. This video showcases the machine's ability to quickly prepare cold brew beverages.

4.3. Steaming Milk / Frothing

The My LatteArt steam wand allows you to create hot and silky microfoam for lattes and cappuccinos.

1. **Fill Milk Pitcher:** Fill a stainless steel milk pitcher with cold milk (dairy or plant-based) to just below the spout.
2. **Position Wand:** Submerge the steam wand tip just below the surface of the milk.
3. **Activate Steam:** Press the 'Steam' button on the digital display. Once the light is solid, turn the steam knob to the 'ON' position to begin steaming.
4. **Froth Milk:** Keep the tip near the surface to create foam, then lower it slightly to heat the milk. Continue until desired temperature and texture are achieved.
5. **Clean Wand:** Immediately after use, wipe the steam wand with a damp cloth and briefly purge steam to clear any milk residue.



Figure 6: Powerful, Cool-Touch Steam Wand in Use

5. Maintenance and Cleaning

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

5.1. Daily Cleaning:

- **Portafilter & Filter Baskets:** After each use, remove spent coffee grounds and rinse the portafilter and filter baskets under running water.
- **Drip Tray:** Empty and clean the drip tray regularly to prevent overflow and bacterial growth.
- **Steam Wand:** As mentioned in Section 4.3, clean the steam wand immediately after each use.
- **Exterior:** Wipe the exterior of the machine with a soft, damp cloth. Do not use abrasive cleaners or solvents.

5.2. Descaling:

Descaling is crucial to remove mineral buildup and maintain machine efficiency. The frequency depends on water hardness and usage. The machine will indicate when descaling is required.

1. **Prepare Descaling Solution:** Use a suitable descaling solution (e.g., De'Longhi EcoDecalk) mixed with water according to the product instructions.
2. **Follow Machine Prompts:** The machine's display will guide you through the descaling process. This typically involves running the solution through the machine's circuits.
3. **Rinse Thoroughly:** After descaling, perform several rinse cycles with fresh water to ensure all descaling solution is flushed out.



Figure 7: Recommended Descaling Solution

6. Troubleshooting

If you encounter issues with your Dedica Duo, consult the following common troubleshooting tips:

- **No Coffee Dispensed:** Check if the water tank is filled, the portafilter is correctly inserted, and the coffee grounds are not too fine or too heavily tamped.
- **Weak Espresso:** Ensure you are using fresh, finely ground coffee and the correct amount for your chosen filter basket. Adjust grind size if necessary.
- **No Steam/Poor Frothing:** Ensure the steam wand is not clogged. Clean it thoroughly using the provided cleaning needle. Check if the machine has reached the correct temperature for steaming.
- **Leaking:** Verify that the water tank is correctly seated and the portafilter is securely locked. Inspect seals for any

damage.

- **Machine Not Turning On:** Check the power connection and ensure the machine is plugged into a working outlet.

For more detailed troubleshooting, refer to the complete product manual or contact De'Longhi customer support.

7. Specifications

Attribute	Detail
Brand	De'Longhi
Model Name	Dedica Duo Compact Espresso Machine
Item Model Number	EC890WI
Color	Vanilla
Product Dimensions	13"D x 5.9"W x 12"H
Item Weight	9.63 pounds
Voltage	120 Volts
Operation Mode	Manual
Coffee Input Type	Ground
Special Features	Adjustable Brew Strength, Adjustable Coffee Temperature, Auto Shut-Off, Removable Tank

8. Warranty and Support

For 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 directly. Keep your proof of purchase for warranty claims.

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