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INTRODUCTION

Thank you for choosing the ESAM5500 automatic coffee and cappuccino maker. We hope you enjoy using your new appliance. Take a few minutes to read these instructions. This will avoid all risks and damage to the appliance.

Symbols used in these instructions

Important warnings are identified by these symbols. It is vital to respect these warnings.



Danger!

Failure to observe the warning may result in life threatening injury by electric shock.



Important!

Failure to observe the warning could result in injury or damage to the appliance.



Danger of burns!

Failure to observe the warning could result in scalds or burns.



Please note:

This symbol identifies important advice or information for the user.

Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on page 3.

Troubleshooting and repairs

In the event of problems, first try and resolve them following the information given in the sections "Displayed messages" on page 18 and "Troubleshooting" on page 19.

If this does not resolve the problem or you require further information, you should consult customer experience by calling the number given on the annexed guarantee leaflet.

If your country is not among those listed on the sheet, call the number given in the guarantee.

If repairs are required, contact De'Longhi customer experience only. The addresses are given in the guarantee certificate provided with the machine.

SAFETY

Fundamental safety warnings



Danger!

This is an electrical appliance and may cause electric shock.

You should therefore respect the following safety warnings:

- Never touch the appliance with damp hands or feet.
- Never touch the plug with damp hands.

- Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary.
- Unplug directly from the plug only. Never pull the power cable as you could damage it.
- To disconnect the appliance completely, place the main switch at the back of the appliance in the 0 position (fig. 1).
- If the appliance is faulty, do not attempt to repair it. Turn it off, unplug from the mains socket and contact customer experience.
- If the plug or power cable is damaged, it must be replaced by De'Longhi customer services only to avoid all risk.



Important!

Keep all packaging (plastic bags, polystyrene foam) away from children.



Important!

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.



Danger: Risk of burns!

This appliance produces hot water and steam may form while it is in operation.

Avoid contact with splashes of water or hot steam.

DESIGNATED USE

This appliance is designed and made to prepare coffee and heat drinks. All other use is considered improper.

This appliance is not suitable for commercial use.

The manufacturer is not liable for damage deriving from improper use of the appliance.

This is an household appliance only.

It is not intended to be used in:

- staff kitchen areas in shops, offices and other working environments;
- farm houses
- by clients in hotels, motels and other residential type environments
- bed and breakfast type environments.

INSTRUCTION FOR USE

Read these instructions carefully before using the appliance.

- Failure to respect these instructions may result in injury or damage to the appliance. The manufacturer is not liable

for damage deriving from failure to respect these instructions.



Please note:

Keep these instructions.

If the appliance is passed to other persons, they must also be provided with these instructions.

DESCRIPTION

description of appliance

(page 3 - A)

- A1. Grinding adjustment dial
- A2. Beans container lid
- A3. Beans container
- A4. Pre-ground coffee funnel
- A5. Measure compartment
- A6. Cup shelf
- A7. Water tank
- A8. Infuser
- A9. Grounds tray
- A10. Cup tray
- A11. Drip tray
- A12. Service door
- A13. Coffee guide
- A14. Coffee spout (adjustable height)
- A15. Hot water and steam nozzle
- A16. Control panel
- A17. Power cable
- A18. Main switch
- A19. Hot water spout
- A20. Measure
- A21. Cleaning brush




Description of milk container

(page 3 - B)




- B1. Froth regulator
- B2. Milk container handle
- B3. CLEAN button
- B4. Milk intake tube
- B5. Frothed milk spout
- B6. Lid with milk frother

Description of control panel

(page 3 - C)

- C1. Display: guides the user in using the appliance.
- C2.  button: to deliver one cup of espresso coffee.
- C3.  button: to deliver two cups of espresso coffee.
- C4.  button: to deliver hot water.
(When you access the settings MENU, it acts as the "OK" button to confirm the selection made).
- C5. Illuminated icon panel: indicates the current settings,

alarm messages or need for maintenance.

- C6. **CAPPUCCINO** button: to deliver cappuccino or frothed milk.
- C7. Selection dial: turn to select the required quantity of coffee.
(When in the settings MENU, turn to select the required function).
- C8.  aroma selection button: press to select coffee taste
- C9.  button: to perform a rinse cycle.
(When in the settings MENU, it acts as the "ESC" button to exit from the selected function and go back to the main menu).
- C10. **P** button: to access the settings menu.
- C11.  button: turns the appliance on and off.

PRELIMINARY CHECKS

Checking the appliance

After removing the packaging, make sure the product is complete and undamaged and that all accessories are present.

Do not use the appliance if it is visibly damaged.

Contact De'Longhi customer experience.

Installing the appliance



Important!

When you install the appliance, you should respect the following safety warnings:

- The appliance gives off heat. After positioning the appliance on the worktop, leave a space of at least 3 cm between the surfaces of the appliance and the side and rear walls and at least 15 cm above the coffee machine.
- Water penetrating the appliance could cause damage.
Do not place the appliance near taps or sinks.
- The appliance could be damaged if the water it contains freezes.
Do not install the appliance in a room where the temperature could drop below freezing point.
- Arrange the power cable in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates).

Connecting the appliance



Important!

Check that the mains power supply voltage corresponds to the value indicated on the rating plate on the bottom of the appliance.

Connect the appliance to an efficiently earthed and correctly installed socket with a minimum current rating of 10A only.

If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.


Using the appliance for the first time

 *Please note:*

- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the mill. The machine is, however, guaranteed to be new.
- You should customise water hardness as soon as possible following the instructions in the section “Setting water hardness” on page 17.

1. Plug the appliance into the mains socket and place the main switch on the back of the appliance in the **I** position (fig. 1).

You must first choose the language (the languages scroll through at intervals of about 2 seconds).

2. When English appears, press the **OK** >  button for a few seconds (fig. 2). Once the language has been saved, the message “English set” is displayed.

Follow the instructions indicated by the appliance:

3. “FILL TANK”: remove the water tank, fill to the MAX line with fresh water, then replace in the appliance (fig. 3).
4. “INSERT WATER SPOUT, press OK”: Check that the hot water spout is inserted on the nozzle and place a container holding a minimum of 100 ml underneath (fig. 4).

Press the **OK** >  button (fig. 2).

“Please wait” is displayed and the appliance begins to deliver water from the hot water spout. The appliance ends the first start up procedure, then the message “Turning off underway, Please wait” is displayed and the appliance goes off. The coffee machine is now ready for normal use.

 *Please note:*

- When setting up the appliance, you need to make 4/5 cups of coffee or 4/5 cappuccinos before the appliance starts to give satisfactory results.

TURNING THE APPLIANCE ON

 *Please note:*


Before turning the appliance on, make sure the main switch on the back of the appliance is in the **I** position (fig. 5).

Each time the appliance is turned on, it performs an automatic preheat and rinse cycle which cannot be interrupted. The appliance is ready for use only after completion of this cycle.

 *Danger of burns!*

During rinsing, a little hot water comes out of the coffee spouts and is collected in the drip tray underneath.

Avoid contact with splashes of water.


- To turn the appliance on, press the  button (fig. 6). The message “Heating up, Please wait” is displayed.

After heating, the message “Rinsing” is displayed. As well as heating the boiler, the appliance also heats the internal circuits by circulating hot water. The appliance is at temperature when the message “READY, Standard taste” is displayed.

TURNING THE APPLIANCE OFF


Each time the appliance is turned off, it performs an automatic rinse cycle which cannot be interrupted.

 *Important!*

To avoid damaging the appliance, always press the  button to turn it off.

 *Danger of burns!*

During rinsing, a little hot water flows from the coffee spouts. Avoid contact with splashes of water.

To turn the appliance off, press the  button (fig. 6). The appliance performs a rinse cycle, then goes off.

 *Please note:*

If the appliance is not used for an extended period, place the main switch in the **0** position (fig. 1). Never place the main switch in the 0 position while the appliance is on.

MENU SETTINGS




When you access the settings menu by pressing the **P** button, the following menu items are available: Descale, Set language, Energy saving, Adjust time, Auto-start, Auto-off, Set temperature, Water hardness, Statistics, Default values.

Descaling

For instructions on descaling, see page 16.

Setting the language




To modify the language on the display, proceed as follows:

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until “Set language” is displayed;
3. Press the **OK** >  button.
4. Turn the selection dial until the required language is displayed;
5. Press the **OK** >  button to confirm;
6. Then press the  < **ESC** button to exit the menu.

Energy saving

Use this function to enable or disable energy saving.

This mode is active by default, reducing energy consumption in compliance with current European regulations.

1. Press the **P** button to enter the settings menu;
2. Turn the selection dial until "Energy saving" is displayed;
3. Press the **OK** >  button. "Disable?" is displayed (or "Enable?" if the function has already been disabled);
4. Press the **OK** >  button to disable or enable the function or the  < **ESC** button to exit the menu.

When the function is active, if the machine is not used for about 1 minute, "Energy saving" is displayed.







Please note!

A few seconds may elapse between Energy saving mode and delivery of the first coffee.

Adjust time

To adjust the time on the display, proceed as follows:

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until "Adjust time" is displayed;
3. Press the **OK** >  button. The hours flash on the display;
4. Turn the selection dial to change the hours;
5. Press the **OK** >  button to confirm. The minutes flash on the display;
6. Turn the selection dial to change the minutes;
7. Press the **OK** >  button to confirm;
8. Press the  < **ESC** button to exit the settings menu.





Auto-start

You can set the auto-start time in order to have the appliance ready at a certain time (for example in the morning) so you can make coffee immediately.






Please note!

To enable this function, **the time must be set correctly.**




1. Press the **P** button to enter the settings menu;
2. Turn the selection dial until "Auto-start Disabled" is displayed;
3. Press the **OK** button. "Enable?" is displayed;
4. Press the **OK** >  button. The hours flash on the display;
5. Turn the selection dial to change the hours;
6. Press the **OK** >  button to confirm. The minutes flash on the display;
7. Turn the selection dial to change the minutes;
8. Press the **OK** >  button to confirm. "Auto-start Enabled" is displayed.
9. Press the  < **ESC** button to exit the settings menu. The AUTO symbol on the control panel lights up to indicate that auto-start has been programmed.

To disable the function:

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until "Auto-start activated" is displayed;
3. Press the **OK** >  button. "Disable?" is displayed;
4. Press the **OK** >  button to confirm;
5. Press the  < **ESC** button to exit the menu. AUTO is no longer displayed.




Auto-off (Standby)

Auto-off can be set so that the appliance goes off after 15 or 30 minutes, or after 1, 2 or 3 hours.

1. Press the **P** button to enter the settings menu.
 2. Turn the selection dial until "Auto-off" is displayed;
 3. Press the **OK** >  button;
 4. Turn the selection dial until the desired operation time is displayed (15 or 30 minutes, or 1, 2 or 3 hours);
 5. Press the **OK** >  button to confirm;
 6. Then press the  < **ESC** button to exit the menu.
- Auto-off is programmed.

Set coffee temperature

If you want to modify the temperature of the water used to make the coffee (low, medium, high, maximum), proceed as follows:

1. Press the **P** button to enter the settings menu;
2. Turn the selection dial until "Set temperature" is displayed;
3. Press the **OK** >  button;
4. Turn the selection dial until the required temperature (low, medium, high, maximum) is displayed;
5. Press the **OK** >  button to confirm;
6. Then press the  < **ESC** button to exit the menu.



Setting water hardness

For instructions on setting water hardness, see page 17.

Statistics function



This displays statistics relating to the machine.

To display, proceed as follows:

1. Press the **P** button to enter the settings menu;
2. Turn the selection dial until "Statistics" is displayed;
3. Press the **OK** >  button;
4. Turn the selection dial to verify:
 - how many coffees have been made;
 - how many cappuccinos have been made;
 - how many times the machine has been descaled;
 - the total number of litres of water delivered.
5. Press the  < **ESC** button twice to exit the menu.

Default values (reset)

This resets all menu settings and programmed quantities back to the default values (with the exception of the language which remains as set).

1. Press the **P** button to enter the menu;
2. Turn the selection dial until "Default values" is displayed;
3. Press the **OK** >  button;
4. "Confirm?" is displayed;
5. Press the **OK** >  button to confirm and exit.

MAKING COFFEE

Selecting the coffee taste

The appliance is set by default to make coffee with a standard taste.

You can also choose one of these tastes:






-  Extra-mild taste
-  Mild taste
-  Standard taste
-  Strong taste
-  Extra-strong taste

To change the taste, press the  button (fig. 7) repeatedly until the required taste is displayed.

Selecting the quantity of coffee in the cup

The appliance is set by default to make a standard quantity of coffee.

To select the quantity of coffee, turn the selection dial until the light corresponding to the required quantity of coffee comes on (fig. 8):




Corresponding coffee	ESPRESSO (ml)
MY COFFEE 	program. from 20 to 180
SHORT 	≈40
STANDARD 	≈60
LONG 	≈90
EXTRA LONG 	≈120

Customising the "MY COFFEE" quantity

The appliance is set by default to automatically deliver 30 ml

of "my coffee".

To modify these settings, proceed as follows:

1. Place a cup under the coffee spouts (fig. 9).
2. Turn the selection dial (C7) until the  light comes on.
3. Press the 1 cup coffee button  (fig. 10) until the message "1 MY COFFEE Program Quantity" is displayed and the appliance starts delivering the coffee. Release the button;
4. As soon as the coffee in the cup reaches the required level, press the  button again.

The quantity set has now been programmed.

Adjusting the coffee mill

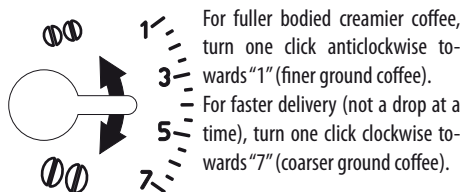
The coffee mill is set by default to prepare coffee correctly and should not require regulating initially.

However, if after making the first few coffees you find that delivery is either too fast or too slow (a drop at a time), this can be corrected by adjusting the grinding adjustment dial (fig. 11).



Please note!

The grinding adjustment dial must only be turned when the coffee mill is in operation.




These adjustments will only be evident after at least 2 cups of coffee have been delivered.

If delivery is still too fast or too slow, repeat the correction, turning the dial another click.

Tips for a hotter coffee

For hotter coffee, you should:

- before delivering the coffee, perform a rinsing cycle by pressing the  button to select the "Rinsing" function. Hot water is delivered from the spout, heating the internal circuits of the appliance and thus raising the coffee temperature.
- enable the cup warmer and place the cups there until they are warm;
- warm the cups by rinsing them with hot water (using the hot water function);
- set a higher coffee temperature in the menu.



Danger of burns!



During rinsing, a little hot water comes out of the coffee spouts and is collected in the drip tray underneath. Avoid contact with splashes of water.

Making coffee using coffee beans



Important!





Do not use caramelised or candied coffee beans as they could stick to the coffee mill and make it unusable.

1. Fill the container with coffee beans (fig. 12).
2. Place under the coffee spouts:
 - 1 cup, if you want 1 coffee (fig. 9);
 - 2 cups, if you want 2 coffees (fig. 13);
3. Lower the spout as near as possible to the cups. This makes a creamier coffee (fig. 14).
4. Press the button corresponding to the number of coffees required (1 cup  or 2 cups ) (figs. 10 and 15).
5. Preparation begins. The amount of coffee selected is displayed together with a progress bar which gradually fills as preparation progresses (fig. 16).

Once the coffee has been made, the appliance prepares to make the next drink.



Please note:

- while the machine is making coffee, delivery can be interrupted at any moment by pressing one of the coffee buttons ( or ).
- At the end of delivery, to increase the quantity of coffee in the cup, just press (within 3 seconds) one of the coffee buttons ( or ).

Once the coffee has been made, the appliance is ready to be used again.



Important!

If the coffee is delivered a drop at a time, too fast and not creamy enough or too cold, read the tips in the "Troubleshooting" section on page 19.

Various alarm messages could be displayed while the machine is in use. Their meaning is explained in the section "Displayed messages".

Making coffee using pre-ground coffee



Important!

- Never add pre-ground coffee when the machine is off or it could spread through the inside of the machine and dirty it. This could damage the appliance.





Never use more than one level measure or it could dirty the inside of the machine or block the funnel.



Please note!

If you use pre-ground coffee, you can only make one cup of coffee at a time.

1. Press the  button repeatedly (fig. 7) until "Pre-ground" flashes on the display.
2. Put one level measure of pre-ground coffee into the funnel (fig. 17).
3. Place a cup under the coffee spouts.
4. Press the 1 cup  button (fig. 10).
5. Preparation begins. The amount of coffee selected is displayed together with a progress bar which gradually fills as preparation progresses.

MAKING DRINKS WITH MILK



Please note!

If energy saving has been enabled, delivery could be delayed a few seconds.

Filling and attaching the milk container

1. Turn the lid of the milk container clockwise until it becomes noticeably difficult to turn, then remove (fig. 18).
2. Fill the milk container with a sufficient quantity of milk, not exceeding the MAX level marked on the handle (fig. 19).



Please note!

For a richer denser froth, use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).

To avoid milk with poor froth or large bubbles, always clean the milk lid and hot water nozzle as described in the section "Cleaning the milk container" on pages 14 and 16.

3. Make sure the milk intake tube is correctly inserted in the bottom of the milk container lid (fig. 20).
4. Replace the milk container lid and turn anticlockwise as far as it will go.
5. Remove the hot water spout from the nozzle (fig. 21).
6. Attach the container to the nozzle and push as far as it will go (fig. 22). The machine emits a beep (if the beep function is enabled).
7. Place a sufficiently large cup under the coffee spouts and frothed milk spout. To use particularly tall cups/glasses, raise the lid of the special compartment in the cup tray

(fig. 23).

8. Follow the instructions below for each function.

Making cappuccino

1. After attaching the milk container, position the froth regulator between the words cappuccino and caffelatte printed on the milk container lid. The quantity of froth can be adjusted by moving the regulator towards the word caffelatte for a denser froth. Moving it towards the word cappuccino obtains a less dense froth.
2. Press the cappuccino button (fig. 24). The message "CAPPUCCINO" is displayed. After a few seconds, frothed milk flows out of the milk spout into the cup below. Milk delivery stops automatically and coffee delivery begins.



Please note!

If during delivery you want to stop making milk or coffee, press the **CAPPUCCINO** button.

Making frothed milk

1. After attaching the milk container, position the frothed milk regulator according to the quantity of froth required (see previous section).
2. Press the **CAPPUCCINO** button twice (fig. 24). "FROTHED MILK" appears on the display and after a few seconds, frothed milk is delivered from the milk spout into the cup below.



Please note!

To stop preparation of frothed milk, press the **CAPPUCCINO** button once.

Cleaning the milk container after use



Important! Danger of burns

When cleaning the internal tubes of the milk container, a little hot water leaks out of the frothed milk spout (B5).

Avoid contact with splashes of water.

When "Press CLEAN" flashes on the display (each time you use a milk function):

1. Leave the milk container in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout.
3. Press the "CLEAN" button (fig. 25) and keep pressing until the progress bar which appears on the display together with the message "Cleaning underway" is complete.
4. Remove the milk container and always clean the steam nozzle with a sponge (fig. 26).



Please note!

- When "Press CLEAN" flashes on the display, you can still prepare any type of coffee or milk. If you have to make a number of milk-based coffees, wait until you have delivered the last cup before cleaning the container.
- The milk left in the container can be kept in the refrigerator.
- In some cases, to clean you must wait for the appliance to heat up, holding the CLEAN button down.

Programming the quantities of coffee and milk in the cup

The appliance is set by default to automatically deliver standard quantities.

To change these quantities, proceed as follows:

1. Place a cup under the coffee spouts and milk spout.
2. Press the **CAPPUCCINO** button until the message "Milk Program quantity" is displayed.
3. Release the button. The appliance starts delivering milk.
4. Once the required quantity of milk has been delivered into the cup, press the button again.
5. After a few seconds, the appliance starts delivering coffee into the cup and the message "Coffee Program Quantity" is displayed.
6. Once the required quantity of coffee has been delivered into the cup, press the **CAPPUCCINO** button. Coffee delivery stops.

The machine is now reprogrammed with the new quantities.



HOT WATER

Preparation



Important! Danger of burns.

Never leave the machine unsupervised while hot water is being delivered. The hot water spout becomes hot while water is being delivered and must be handled by the handle only.

1. Make sure the hot water spout is attached correctly (fig. 4).
2. Place a container under the spout (as close as possible to avoid splashes).
3. Press the  button (fig. 2). The message "HOT WATER..." is displayed.
5. Water flows out of the spout. Delivery stops automatically after about 250 ml.
6. To interrupt delivery of hot water manually, press the  button again.





Please note

- If energy saving has been enabled, delivery could be delayed a few seconds.

Changing the quantity

The appliance is set by default to automatically deliver 250ml. To modify these quantities, proceed as follows:

1. Position a container under the spout.
2. Press and hold the **OK** >  button until the message "HOT WATER Program Quantity" is displayed.
3. When the hot water in the cup reaches the required level, press the **OK** >  button again.

The machine is now reprogrammed with the new quantities.

CLEANING

Cleaning the machine

The following parts of the machine must be cleaned regularly:

- coffee grounds container (A9),
- drip tray (A11),
- inside the machine, accessible after opening the service door (A12),
- water tank (A7),
- coffee spouts (A14) and hot water nozzle (A15),
- pre-ground coffee funnel (A4),
- infuser (A8),
- milk container (B)
- control panel (C)



Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. With De'Longhi superautomatic bean to cup espresso and cappuccino machines, you need not use chemical products to clean the machine.
- None of the components of the appliance can be washed in a dishwasher with the exception of the milk container (B).
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

Cleaning the coffee grounds container

When "EMPTY GROUNDS CONTAINER" is displayed, the grounds container must be emptied and cleaned.

The appliance cannot be used to make coffee until you have cleaned the grounds container.

Even if not full, the empty grounds container message is displayed 72 hours after the first coffee has been prepared. For the 72 hours to be calculated correctly, the machine must never be turned off with the main switch in the 0 position.

To clean (with the machine on):

- Open the service door on the front of the appliance (fig. 27), extract the drip tray (fig. 28), empty and clean it.
- Empty the grounds container and clean thoroughly to remove all residues left on the bottom. This can be done with the spatula on the brush provided.



Important!

When removing the drip tray, the grounds container must be emptied, even if it contains few grounds.

If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.

Cleaning the drip tray



Important!

If the drip tray is not emptied regularly, the water could overflow from the edge and seep inside or around the machine.

This could damage the machine, the surface it rests on or the surrounding area.

The drip tray is fitted with a level indicator (red) showing the level of water it contains (fig. 29).

Before the indicator protrudes from the cup tray, the drip tray must be emptied and cleaned.

To remove the drip tray:

1. Open the service door (fig. 27);
2. Remove the drip tray and grounds container (fig. 28);
3. Empty the drip tray and grounds container (A9) and wash them;
4. Replace the drip tray complete with grounds container;
5. Close the service door.

Cleaning the inside of the coffee machine



Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see "Turning off") and unplugged from the mains power supply.

Never immerse the coffee machine in water.

1. Check regularly (about every 100 coffees) that the inside of the appliance (accessible after removing the drip tray) is not dirty. If necessary, remove coffee deposits with the brush supplied and a sponge.
2. Remove the residues with a vacuum cleaner (fig. 31).

Cleaning the water tank

1. Clean the water tank (A7) regularly (about once a month) with a damp cloth and a little mild washing up liquid.
2. Clean to remove all washing up liquid residues, then rinse the water tank thoroughly.

Cleaning the coffee spouts

1. Clean the coffee spouts with a sponge or cloth.
2. Check that the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 30).

Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel is not blocked.

If necessary, remove coffee deposits with the brush supplied.

Cleaning the infuser

The infuser (A8) must be cleaned at least once a month.



Important!

The infuser may not be extracted when the machine is on.

1. Make sure the machine is correctly turned off (see "Turning off").
2. Open the service door (fig. 27).
3. Remove the drip tray and grounds container (fig. 28).
4. Press the two red release buttons inwards and at the same time pull the infuser outwards.

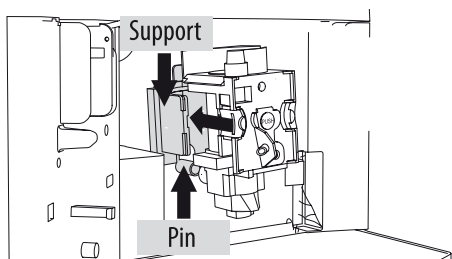


Important!

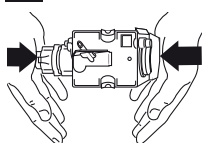
**RINSE WITH WATER ONLY
NO WASHING UP LIQUID - NO
DISH WASHER**

Do not use washing up liquid to clean the infuser as it could cause damage.

5. Soak the infuser in water for about 5 minutes, then rinse under the tap.
6. After cleaning, replace the infuser by sliding it onto the internal support and pin at the bottom, then push the PUSH symbol fully in until it clicks into place.



Please note!



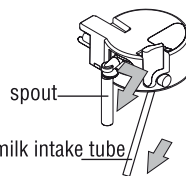
If you encounter difficulty inserting the infuser, before inserting it you must adapt it to the right dimension by pressing it forcefully from the bottom and top as shown in the figure.

7. Once inserted, make sure the two red buttons have snapped out.
8. Replace the drip tray and grounds container.
9. Close the service door.

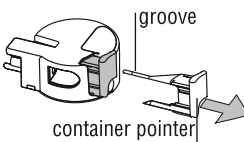
Cleaning the milk container

Clean the milk container each time you prepare milk as described below:

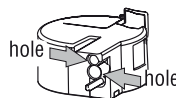
1. Turn the lid of the milk container clockwise then remove it.
2. Remove the milk spout and intake tube.
3. Remove the froth regulator by pulling it outwards.



4. Wash all the components thoroughly with hot water and mild washing-up liquid.



All components are dishwasher safe, placing them in the top basket of the dishwasher. Make sure there are no milk residues left inside the holes and the groove on the fine end of the froth regulator.



5. Check that the intake tube and spout are not clogged with milk residues.
6. Replace the froth regulator, milk spout and intake tube.
7. Replace the lid on the milk container, turning it anti-clockwise to hook it in place.

DESCALING

Descale the machine when the message "DESCALE" flashes on the display.



Important!

Descaler contains acids which may irritate the skin and eyes. It is vital to respect the manufacturer's safety warnings given on the descaler pack and the warnings relating to the procedure to follow in the event of contact with the skin and eyes.



Please note!

Use De'Longhi descaler only.

Under no circumstances should you use sulphamic or acetic based descalers. Their use invalidates the guarantee.

Failure to descale the appliance as described above also invali-

dates the guarantee.

1. Turn the coffee maker on.
2. Enter the settings menu by pressing the **P** button.
3. Select by pressing the **OK** button: "Descale" is displayed. Press **OK** to enable the function.
4. "Add descaler Confirm?" appears on the display.
5. Before confirming, empty the water tank (A13) completely. Then empty the drip tray (A16) and grounds container and put back in the machine.
Pour the descaler diluted with water (respecting the proportions indicated on the descaler pack) into the water tank. Place an empty container with a minimum capacity of 1.5 litres under the hot water spout.



Important! Danger of burns

Hot water containing acid flows out of the hot water spout. Avoid contact with splashes of water.

6. Confirm with the **OK** button.
7. The message "Descale underway" is displayed. The descale programme starts and the descaler liquid comes out of the water spout. The descale programme automatically performs a series of rinses and pauses to remove limescale deposits from inside the machine. After about 30 minutes, the message "Rinsing FILL TANK" is displayed.
8. The appliance is now ready for rinsing through with clean water. Remove the water tank, empty, rinse under running water, fill with clean water and replace. "Rinsing Confirm?" is displayed.
9. Empty the container used to collect the descaler solution and replace it under the hot water spout.
10. Press the **OK** button to start rinsing.
Hot water flows out of the spout and the message "Rinsing" is displayed.
11. When the water tank is completely empty, the message "Rinsing Complete, Confirm?" is displayed.
12. Press the **OK** button. The appliance goes off automatically.

To use it again, turn the appliance on by pressing the  button.

Before turning the machine on by pressing the , button, remember to empty the drip tray again.

SETTING WATER HARDNESS


The DESCAL message is displayed after a period of time established according to water hardness.

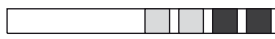
The machine is set by default for a hardness value of 4.

The machine can also be programmed according to the actual hardness of the mains water in the various regions, varying the frequency with which the message is displayed.


Measuring water hardness

1. Remove the "TOTAL HARDNESS TEST" indicator paper from its pack.
2. Immerse the paper completely in a glass of water for one second.
3. Remove the paper from the water and shake lightly.
After about a minute, 1, 2, 3, or 4 red squares form, depending on the hardness of the water. Each square corresponds to one level.



soft water ● 

slightly hard water ●● 

hard water ●●● 

very hard water ●●●● 

Set water hardness

1. Press the **P** button to enter the settings menu.
 2. Turn the selection dial until "Water Hardness" is displayed;
 3. Press the **OK** >  button to confirm the selection.
 4. Turn the selection dial and set the number of squares measured by the indicator paper (see figure in previous paragraph).
 5. Press the **OK** button to confirm the setting.
 6. Press the  <ESC button to exit the menu.
- The machine is now reprogrammed with the new water hardness setting.

TECHNICAL DATA

Voltage:	220-240 V ~ 50/60 Hz max. 10A
Absorbed power:	1450W
Pressure:	15 bar
Pressure:	1,7 litri
Size: LxHxD:	284x374x441 mm
Cable length:	1,5 m
Weight:	9,1 Kg
Beans container capacity:	150 g

 The appliance complies with the following EU directives:

- Stand-by Directive no. 1275/2008;
- Low Voltage Directive 2006/95/EC and subsequent amendments;

- EMC Directive 2004/108/EC and subsequent amendments
- Materials and accessories coming into contact with food conform to EEC regulation 1935/2004.

DISPOSAL



In compliance with European directive 2002/96/EC, the appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

ELECTRICAL REQUIREMENTS (UK ONLY)

Before using this appliance ensure that the voltage indicated on the product corresponds with the main voltage in your home, if you are in any doubt about your supply contact your local electricity company.

The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity.

Should this plug not fit the socket outlets in your home, it should be cut off and replaced with a suitable plug, following the procedure outlined below.

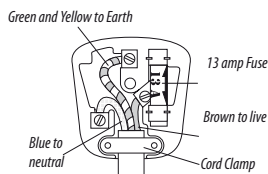
Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger.

N.B. We recommend the use of good quality plugs and wall sockets that can be switched off when the machine is not in use.


IMPORTANT: the wires in the mains lead fitted to this appliance are coloured in accordance with the following code:

GREEN AND YELLOW
BLUE
BROWN

EARTH
NEUTRAL
LIVE



As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  or coloured green or green and yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your electricity supply point has only two pin socket outlets, or if you are in doubt, consult a qualified electrician.

Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord of the same size.

After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover.

Only 13amp replacement fuses which are approved to B.S. 1362 should be fitted.

This appliance conforms to the Norms EN 55014 regarding the suppression of radio interference.


Warning - this appliance must be earthed

DISPLAYED MESSAGES

DISPLAYED MESSAGE	POSSIBLE CAUSE	SOLUTION
FILL TANK	Insufficient water in the tank.	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place.
GROUND TOO FINE ADJUST MILL INSERT WATER SPOUT Press OK	The grinding is too fine and the coffee is delivered too slowly or not at all.	Repeat coffee delivery and turn the grinding adjustment dial one click clockwise towards "7" while the coffee mill is in operation. If after making at least 2 coffees delivery is still too slow, repeat the correction procedure, turning the grinding adjustment dial another click until delivery is correct. If the problem persists, press the OK button to deliver water from the spout until it flows out normally.
INSERT WATER SPOUT	The water spout is not inserted or is inserted incorrectly.	The water spout is not inserted or is inserted incorrectly.
EMPTY GROUNDS CONTAINER	The grounds container is too full or more than 3 days have passed since delivery of the first coffee (this guarantees correct hygiene of the machine).	Empty the grounds container and clean, then replace. Important: when removing the drip tray, the grounds container must be emptied, even if it contains few grounds. If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.
INSERT GROUNDS CONTAINER	After cleaning, the grounds container has not been replaced.	Open the service door, remove the drip tray and insert the grounds container.
ADD PRE-GROUND COFFEE	The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel.	Place pre-ground coffee in the funnel or deselect the "pre-ground" function.
DESCALE	The machine must be descaled.	The descaling procedure described in the "Descaling" section needs to be performed as soon as possible.
REDUCE COFFEE AMOUNT	Too much coffee has been used.	Select a milder taste or reduce the quantity of pre-ground coffee.
FILL BEANS CONTAINER	The coffee beans have run out.	Fill the beans container.
	The pre-ground coffee funnel is clogged.	Empty the funnel with the help of a brush as described in the section "Cleaning the pre-ground coffee funnel".
INSERT INFUSER ASSEMBLY	The infuser has not been replaced after cleaning.	Insert the infuser as described in the section "Cleaning the infuser".
INSERT MILK CONTAINER	The milk container is not inserted correctly.	Insert the milk container as far as it will go.
CLOSE DOOR	The service door is open.	Close the service door.
PRESS CLEAN	Milk has been delivered recently and the tubes inside the milk container must be cleaned.	Press the CLEAN button and keep it pressed until the progress bar which appears on the display together with the message "Cleaning Underway" is complete.
ADD PRE-GROUND COFFEE Press OK	The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel.	Place pre-ground coffee in the funnel.
	funnel (A8) is blocked.	Empty the funnel with the help of a knife, as described in the section "Cleaning the pre-ground coffee funnel".
Energy saving	The function is active and reduces electricity consumption.	Disable the function from the menu (See section "Energy saving").
GENERAL ALARM	The inside of the appliance is very dirty.	Clean the inside of the appliance thoroughly, as described in the section "Cleaning and maintenance". If the message is still displayed after cleaning, contact customer services.

TROUBLESHOOTING

Below is a list of some of the possible malfunctions. If the problem cannot be resolved as described, contact customer services.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The coffee is not hot	The cups were not preheated.	<ul style="list-style-type: none"> • Enable the cup warmer, leave the cups at least 20 minutes to warm up. • Warm the cups by rinsing them with hot water (using the hot water function).
	The infuser has cooled down because 2/3 minutes have elapsed since the last coffee was made.	Before making the coffee, heat the infuser by pressing the  button (see the section "Tips for a hotter coffee").
	A low coffee temperature is set.	Set a high coffee temperature in the menu.
The coffee is not creamy enough.	The coffee is not creamy enough.	Turn the grinding adjustment dial one click anticlockwise towards "1" while the coffee mill is in operation (fig. 8). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.
	Wrong type of coffee.	Use a type of coffee for espresso coffee machines.
The coffee is delivered too slowly or a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment dial one click clockwise towards "7" while the coffee mill is in operation (fig. 11). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.
The coffee does not come out of the spouts, but from around the service door.	The holes in the spouts are clogged with dry coffee dust.	Clean the spouts with a toothpick, sponge or hard bristled kitchen brush.
	The coffee guide inside the service door is blocked and cannot swing.	Thoroughly clean the coffee guide, particularly near the hinges.
The coffee is delivered too quickly.	The coffee is ground too coarsely.	Turn the grinding adjustment dial one click anticlockwise towards "1" while the coffee mill is in operation (fig. 11). Avoid turning the grinding adjustment dial excessively otherwise when you select two cups, the coffee may be delivered a drop at a time.
Coffee does not come out of one of the spouts.	The spouts are blocked.	Clean the spouts with a toothpick (fig. 30).
Water comes out of the spouts instead of coffee.	The pre-ground coffee may be blocked in the funnel (A8).	Empty the funnel with the help of a knife, as described in the section "Cleaning the funnel to add pre-ground coffee".
The milk contains bubbles or squirts out of the milk spout.	The milk is not cold enough or is not semi-skimmed.	You should ideally use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). If the result is not as you wished, try changing brand of milk.
	The froth regulator is incorrectly adjusted.	Adjust following the instructions in the section on preparing drinks with milk.
	The milk container lid is dirty.	Clean the milk container lid as described in the section "Cleaning the milk container".
The milk is not frothed.	The froth regulator is incorrectly adjusted.	Adjust following the instructions in the section on preparing drinks with milk.
	The milk container lid is dirty.	Place the ring in the CAPPUCCINO position.
The appliance does not come on.	It is not plugged into the mains socket.	Plug into the mains socket.
	The main switch is not turned on.	Push the main switch in the I position (fig. 29).
The milk does not come out of the milk spout.	The milk container lid is dirty.	Clean the milk container lid as described in the section "Cleaning the milk container".