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1. FUNDAMENTAL SAFETY WARNINGS

- 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.
- Designated use: this appliance is designed and made to prepare beverages based on coffee, milk and hot water. Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance.
- The surface of the heating element remains hot after use and the outside of the appliance may retain the heat for several minutes depending on use.
- To clean, follow the instructions in the section "14. Cleaning".
- Cleaning and user maintenance shall not be made by children without supervision.
- Never clean by immersing the appliance in water.
- CAUTION: to prevent damage to the appliance, do not clean with alkaline detergents; use a soft cloth and, where applicable, neutral detergent.
- 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.
- If the plug or power cord is damaged, it must be replaced by customer services only to avoid all risk.
- Appliances with removable cord: avoid splashes of water on the power cord connector or socket at the back of the appliance.
- IMPORTANT: Models with glass surfaces: do not use the appliance if the surface is cracked.
- Coffee maker shall not be placed in a cabinet when in use.

FOR EUROPEAN MARKETS ONLY:

- This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are above 8 years old and supervised. Keep the appliance and power cord away from children under 8 years of age.
- The appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been given

instruction concerning use of the appliance in a safe way and if they understand the hazards involved.

- Children shall not play with the appliance.
- Always unplug the appliance when left unattended and before assembly, taking apart or cleaning.



Surfaces marked with this symbol become hot during use (the symbol is present in certain models only).

2. SAFETY WARNINGS

2.1 Symbols used in this Instruction for Use

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.



Danger!

This is an electrical appliance and may cause electric shock. You should therefore follow these 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 cord as you could damage it.
- To disconnect the appliance completely you must unplug it from the mains socket.
- If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Customer Services.
- Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool.



Important:

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



Danger 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.

When the appliance is in operation, the cup shelf could become very hot.

2.2 Instruction for use

Read this Instruction for Use carefully before using the appliance. Failure to follow this Instruction for Use may result in injury or damage to the appliance.

The manufacturer is not liable for damage deriving from failure to respect this Instruction for Use.



Please note:

Keep this Instruction for Use. If the appliance is passed to other persons, they must also be provided with this Instruction for Use.

3. INTRODUCTION

Thank you for choosing this bean to cup espresso and cappuccino machine.

We hope you enjoy using your new appliance. Take a few minutes to read this Instruction for Use. This will avoid all risks and damage to the appliance.

3.1 Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on pages 2-3.

3.2 Troubleshooting and repairs

In the event of problems, first try and resolve them by reading the information given in sections "20. meaning of the alarm lights" and "21. Troubleshooting".

If this does not resolve the problem or you require further information, you should consult Customer Services by calling the number given on the annexed "Customer Service" sheet.

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 Services only. The addresses are given in the guarantee certificate provided with the machine.

4. DESCRIPTION











4.1 Description of the appliance

(page 3 - A)

- A1. Grinding adjustment dial
- A2. Main switch (on back of machine)
- A3. Beans container
- A4. Beans container lid
- A5. Pre-ground coffee funnel lid
- A6. Pre-ground coffee measure compartment
- A7. Cup shelf
- A8. Pre-ground coffee funnel
- A9. Steam spout
- A10. Cappuccino maker (removable)
- A11. Steam connection nozzle (removable)
- A12. Water tank
- A13. Power cord
- A14. Cup tray
- A15. Drip tray
- A16. Service door
- A17. Coffee grounds container
- A18. Coffee spouts (adjustable height)
- A19. Coffee guide
- A20. Infuser
- A21. Control panel

4.2 Description of the control panel

(page 3 - B)

- B1.  button: turns the appliance on and off (standby).
- B2. 1 cup and coffee temperature OK light
- B3.  button: to make 1 cup of coffee
- B4. 2 cups and coffee temperature OK light
- B5.  button: to make 2 cups of coffee
- B6. Steam and steam temperature OK light
- B7.  button: to select the steam function
- B8. Quantity selection dial (short, standard or long)
- B9. Coffee taste (mild, standard or strong coffee) or pre-ground coffee  selection dial.
- B10. Steam/hot water dial
- B11.  no water or water tank absent light
- B12.  grounds container full or absent light
- B13.  general alarm light
- B14.  descale light
- B15.  button: to select rinsing or descaling
- B16. ECO light energy saving mode enabled
- B17. ECO button: enables or disables energy saving mode

4.3 Description of the accessories

(page 2 - C)

- C1. "Total Hardness Test" indicator paper (attached to page 2 of the English instructions)
- C2. Pre-ground coffee measure
- C3. Descaler

5. BEFORE USE

5.1 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 Services.

5.2 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 machine.
- Water penetrating the coffee maker 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 cord in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates).

5.3 Connecting the appliance



Important!







Check that the mains power supply voltage corresponds to that 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.

5.4 Setting up the appliance



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 section "16. Setting water hardness".
- Remove the water tank (A12), fill to the MAX line with cold water then replace in the appliance (fig. 1).
 - Turn the cappuccino maker (A10) outwards and place a container with a minimum capacity of 100 ml underneath (fig. 2).
 - Plug the appliance into the mains socket and place the main switch (A2) on the back of the appliance in the **I** position (fig. 3).
 - Lights  (B2),  (B4) and  (B6) flash simultaneously.
 - Turn the steam dial (B10) anticlockwise as far as it will go to the ON position (fig. 4). Water is delivered from the cappuccino maker (it is normal for the appliance to make some noise).
 - Wait for delivery of hot water to stop automatically. The ,  and  lights flash to indicate that you must close the steam tap by turning the steam dial to the OFF position.
 - Turn the steam dial to the OFF position. The appliance goes off automatically.

To use the appliance, turn it on.

Please note:

- The first time you use the coffee maker, you need to make 4/5 cups of coffee or 4/5 cappuccinos before it starts to give satisfactory results.
- The first time you use the machine, the water circuit is empty and the appliance could be very noisy. The noise becomes less as the circuit fills.

6. TURNING THE APPLIANCE ON




Please note:

Before turning the appliance on, make sure the main switch (A2) on the back of the appliance is in the **I** position (fig. 3).

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. 5). The  (B2) and  (B4) lights flash while the appliance is heating up and performing an automatic rinse cycle. By circulating hot water, the appliance heats both the boiler and the internal circuits.


When the  and  lights remain on steadily, the appliance is at temperature.

7. TURNING THE APPLIANCE OFF

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

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. 5). 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. 6).

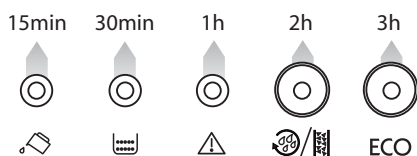
Important!

To avoid damaging the appliance, never place the main switch (fig. 6) in the **0** position while the appliance is on.

8. AUTO-OFF

The time can be changed so that the appliance switches off after being idle for 15 or 30 minutes, or after 1, 2 or 3 hours.

- With the appliance off but the main switch (A2) in the **I** position (fig. 3), press and hold the **ECO** button (B17) until the lights at the bottom of the control panel come on (see image after point 2).
- Select the required period of time (15 or 30 minutes or 1, 2 or 3 hours) by pressing the  button (B7) (see the light/time table below).




- Press the **ECO** button to confirm the selection. Auto-off is now programmed.

Please note:

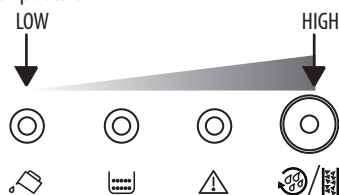
To disconnect the appliance completely, place the main switch at the back of the appliance in the **0** position (fig. 6).

9. SETTING THE TEMPERATURE

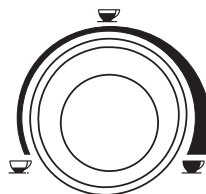
To modify the temperature of the water used to make the coffee, proceed as follows:

- With the appliance off but the main switch (A2) in the **I** position (fig. 3), press and hold the  button (B3) until the lights on the control panel come on (see image after point 2);

- Press the   button (B5) to select the required temperature:



- Press the  button to confirm the selection. The lights go off.



Please note:

The first time you use the appliance, you will need to make a number of coffees to identify the correct dial position through trial and error.

10. ENERGY SAVING

Use this function to enable or disable energy saving. When enabled, the function reduces energy consumption in compliance with current European regulations.

Energy saving mode is enabled when the **ECO** light (B16) is on. To enable or disable the function, press the **ECO** button (B17).

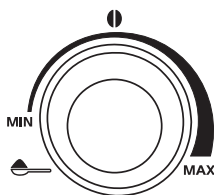
Please note:

When in energy saving mode, a few seconds may elapse before the first coffee is delivered as the appliance must heat up again.

11. MAKING COFFEE

11.1 Selecting the coffee taste

Turn the coffee taste selection dial (B8) to set the required taste. Turning it clockwise increases the quantity of coffee beans the appliance will grind and therefore the strength of the coffee obtained.



Please note:

- The first time you use the appliance, you will need to make a number of coffees to identify the correct dial position through trial and error.
- Make sure not to turn the dial too far clockwise, otherwise the coffee may be delivered too slowly (a drop at a time), particularly when making two cups of coffee.





11.2 Selecting the quantity of coffee in the cup

Adjust the coffee quantity selection dial (B9) to set the required quantity. The more you turn it clockwise, the longer the coffee will be.





11.3 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.

- Fill the container (A3) (fig. 8) with coffee beans.
- Place under the coffee spouts (A18):
 - 1 cup, if you want to make 1 coffee (fig. 9);
 - 2 cups if you want 2 coffees.
- Lower the spouts as near as possible to the cup (fig. 10). This makes a creamier coffee.
- Press the button corresponding to the required coffee: 1 cup  B3 (fig. 11) or 2 cups  B5 (fig. 12).
- Preparation begins and the  (B2) or  (B4) light stays on until delivery is complete.

Please note:

- While the machine is making coffee, delivery can be interrupted at any moment by pressing one of the two coffee buttons ( or ).
- At the end of delivery, to increase the quantity of coffee in the cup, within 3 seconds, just press and hold one of the coffee buttons ( or ).
- For hotter coffee, see section "11.6 Tips for a hotter coffee".
- If "Energy Saving" mode is active (**ECO** light (B16) on), you may have to wait a few seconds before the first coffee is delivered.

Once the coffee has been made, the appliance is ready to make the next beverage.

Important!

- Lights may be displayed on the control panel (B) during use. Their meaning is given in section "20. meaning of the alarm lights".
- If the coffee is delivered a drop at a time, too weak and not creamy enough or too cold, read the tips in sections "11.5 Adjusting the coffee mill" and "21. Troubleshooting".

11.4 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 1 level measure (C2) or it could dirty the inside of the coffee machine or block the funnel (A8).







Please note:

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

1. Turn the coffee taste selection dial anticlockwise as far as it will go to the ☞ position.
2. Make sure the funnel is not blocked, then add one level measure of pre-ground coffee (fig. 13)
3. Place a cup under the coffee spouts.
4. Lower the spouts as near as possible to the cup (fig. 10). This makes a creamier coffee.
5. Press the 1 cup button  (B3) (fig. 11).
6. Preparation begins and the  light (B2) stays on until delivery is complete.



Please note:

- While the machine is making coffee, delivery can be interrupted at any moment by pressing one of the two coffee buttons ( or ).
- At the end of delivery, to increase the quantity of coffee in the cup, within 3 seconds, just press and hold one of the coffee buttons ( or ).
- For hotter coffee, see section “11.6 Tips for a hotter coffee”.
- If “Energy Saving” mode is active (ECO light (B16) on), you may have to wait a few seconds before the first coffee is delivered.
- Once the coffee has been made, the appliance is ready to make the next beverage. To disable the pre-ground coffee function, turn the dial to one of the other positions.



Important!

- Lights may be displayed on the control panel (B) during use. Their meaning is given in section “20. meaning of the alarm lights”.
- If the coffee is delivered a drop at a time, too weak and not creamy enough or too cold, read the tips in sections “11.5 Adjusting the coffee mill” and “21. Troubleshooting”.

11.5 Adjusting the coffee mill

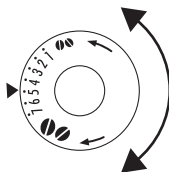
The coffee mill is set by default to prepare coffee correctly and should not require regulating initially.

However, if after making the first few coffees you find that the coffee is either too weak and not creamy enough or delivery is too slow (a drop at a time), this can be corrected by adjusting the grinding adjustment dial (A1) (fig. 7)



Please note:

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




If the coffee is delivered too slowly or not at all, turn one click clockwise towards 7.

For fuller bodied creamier coffee, turn one click anticlockwise towards 1 (do not turn more than one click at a time otherwise the coffee could be delivered a drop at a time).

These adjustments will only be evident after at least 2 cups of coffee have been delivered. If this adjustment does not obtain the desired result, turn the dial another click.

11.6 Tips for a hotter coffee

For hotter coffee, you should:



- before delivering the coffee, perform a rinse cycle by pressing the  button (B15). Hot water is delivered from the coffee spouts (A18), heating the internal circuits of the appliance and thus raising the coffee temperature;
- warm the cups with hot water using the hot water function (see section “13. hot water”).

12. MAKING CAPPUCCINO



Important! Danger of burns.

Do not leave the appliance unattended while steam is being delivered. The cappuccino maker becomes hot while water is being delivered and must be held by the handle only.

1. When preparing cappuccino, make the coffee in a large cup;
2. Fill a container with about 100 grams of milk for each cappuccino to be made. In choosing the size of the container, bear in mind that the milk doubles or triples in volume;
3. Press the  button (B7). The corresponding light flashes, indicating that the appliance is heating up;
5. Turn the cappuccino maker outwards and immerse in the milk container (fig. 14);
6. When the  light stops flashing and comes on steadily, turn the steam dial (B10) to the ON position. Steam is delivered from the cappuccino maker, giving the milk a creamy frothy appearance and making it more voluminous;

7. When you have obtained the required froth, stop steam delivery by turning the steam dial back to the **OFF** position.










Important! Danger of burns

Always turn the steam dial to the **OFF** position before removing the container with the frothed milk to avoid burns caused by splashes of boiling milk.

8. Add the milk froth to the cup of coffee prepared previously (point 1). The cappuccino is ready. Sweeten to taste and, if desired, sprinkle the froth with a little cocoa powder.



Please note:

- For the best cappuccino, follow the instructions in section "Clean the cappuccino maker (A10) and steam connection nozzle (A11) each time you use it to avoid the build-up of milk residues or blockages."
- If you want to make another coffee and press the  (B3) or  (B5) button immediately after making cappuccino and deactivating the steam function by pressing the steam button , the appliance will be too hot (the  (B2) and  (B4) lights flash to indicate an unsuitable temperature). You must wait about ten minutes for the appliance too cool down sufficiently.
- To cool it down more quickly, after deactivating the steam function, turn the steam dial to the **ON** position and let the water flow out of the cappuccino maker into a container until the  and  lights stop flashing.



Danger of burns!

Avoid contact with splashes of water.

12.1 Tips for using steam to froth milk

- When choosing the size of the container, bear in mind that the liquid doubles or triples in volume.
- For a richer denser froth, use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).
- For a creamier froth, rotate the container with slow movements in an upward direction.
- To avoid milk with poor froth or large bubbles, always clean the cappuccino maker (A10) and steam connection nozzle (A11) as described in the following section.

12.2 Cleaning the cappuccino maker after use

Clean the cappuccino maker (A10) and steam connection nozzle (A11) each time you use it to avoid the build-up of milk residues or blockages.



Important! Danger of burns!

When cleaning the cappuccino maker, a little hot water is delivered. Avoid contact with splashes of water.



1. Place a container under the cappuccino maker and deliver a little water for a few seconds by turning the steam dial (B10) to the **ON** position. Then turn the steam dial to the **OFF** position to stop the flow of hot water.
2. Wait for a few minutes for the cappuccino maker to cool down. Grip the handle of the cappuccino maker tube firmly in one hand and with the other rotate the cappuccino maker anticlockwise (fig. 15) and remove by pulling downwards (fig. 16).
3. Also remove the steam connection nozzle (A11) by pulling it downwards.
4. Make sure the holes shown by the arrows in fig. 17 are not blocked. If necessary, clean with a pin.
5. Wash all parts of the cappuccino maker thoroughly with a sponge and warm water.
6. Insert the connection nozzle and cappuccino maker on the steam spout by pushing them upwards and turning them clockwise until they are attached.

13. HOT WATER



Important! Danger of burns!

Never leave the machine unattended while delivering hot water. The cappuccino maker becomes hot while water is being delivered and must be held by the handle only.

1. Place a container under the cappuccino maker (as close as possible to avoid splashes).
2. Check that the  (B2) and  (B4) lights are on steadily.
3. Turn the steam dial (A10) to the **ON** position. Delivery begins.
4. When the quantity in the cup reaches the required level, stop by turning the steam dial to the **OFF** position.



Please note:

- If "Energy Saving" mode is active, you may have to wait a few seconds before the hot water is delivered.

14. CLEANING

14.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:

- the appliance's internal circuit;
- coffee grounds container (A17),
- drip tray (A15),
- the inside of the machine, accessible after opening the service door (A16)
- water tank (A12),
- coffee spouts (A18),
- pre-ground coffee funnel (A8),
- infuser (A20),


- the cappuccino maker (A10) and steam connection nozzle (A11) (see section "12.2 Cleaning the cappuccino maker after use").

Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. With De'Longhi superautomatic coffee machines, you need not use chemical products to clean the machine.
- None of the components can be washed in a dishwasher.
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

14.2 Cleaning the machine's internal circuit


If the appliance is not used for more than 3/4 days, before using it again, we strongly recommend switching it on and:

- performing 2/3 rinse cycles by pressing the  button (B15);
- delivering hot water by turning the hot water/steam dial (B10) to the **ON** position.

Please note!

After cleaning, it is normal for the coffee grounds container (A17) to contain water.

14.3 Cleaning the coffee grounds container

When the  light (B12) flashes, the coffee grounds container needs emptying. Unless you clean the grounds container, the light will continue to flash and the appliance cannot be used to make coffee. 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.

To clean (with the machine on):

1. Open the service door (A16) on the front of the appliance, extract the drip tray (A15) (fig. 18), empty and clean.
2. Empty the grounds container (A17) and clean thoroughly to remove all residues left on the bottom.
3. Put the grounds container and drip tray back in the appliance and close the service door.

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.

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

To remove the drip tray (A15), proceed as follows:

1. Open the service door (A16);
2. Remove the drip tray and coffee grounds container (A17) (fig. 18);
3. Empty the drip tray and grounds container and wash them;
4. Put the drip tray complete with grounds container back in the appliance;
5. Close the service door.

14.5 Cleaning the inside of the coffee machine

Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see section "7. Turning the appliance off") and unplugged from the mains power supply. Never immerse the coffee machine in water.

1. Check regularly (about once a month) that the inside of the appliance is not dirty (to access, open the service door (A16) and remove the drip tray). If necessary, remove coffee deposits with the brush or a sponge.
2. Remove all the residues with a vacuum cleaner (fig. 20).

14.6 Cleaning the water tank

1. Clean the water tank (A12) regularly (about once a month) with a damp cloth and a little mild washing up liquid.
2. Fill the tank with fresh water and put back in the appliance.

14.7 Cleaning the coffee spouts

1. Clean the coffee spouts (A18) regularly with a sponge or cloth (fig. 21).
2. Check that the holes in the coffee spouts are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 22).

14.8 Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel (A8) is not blocked. If necessary, remove coffee deposits with a brush.

14.9 Cleaning the infuser

The infuser (A20) 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 section "7. Turning the appliance off").
2. Open the service door (A16).
3. Remove the drip tray (A15) and the grounds container (A17) (fig. 18).
4. Press the two coloured release buttons inwards and at the same time pull the infuser outwards (fig. 23).
5. Soak the infuser in water for about 5 minutes, then rinse under the tap.



Important!

RINSE WITH WATER ONLY

NO WASHING UP LIQUID - NO DISH WASHER

Clean the infuser without using washing up liquid as it could be damaged.

6. Use the brush to remove any coffee residues left in the housing of the infuser (A20), visible through the service door.
7. After cleaning, replace the infuser by sliding it onto the internal support and pin at the bottom (fig. 24), then push the PUSH symbol fully in until it clicks into place.



Please note!

If the infuser is difficult to insert, before insertion, adapt it to the right size as shown in fig. 25.

8. Once inserted, make sure the two coloured buttons have snapped out (fig. 26).
9. Replace the drip tray and grounds container.
10. Close the service door.

15. DESCALE

Descale the appliance when the light (B14) on the panel flashes.



Important!

- Before use, read the instructions and the labelling on the descaler pack.
- You should use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may result in faults not covered by the manufacturer's guarantee.

1. Turn the appliance on and wait until it is ready for use;
2. Empty the drip tray (A15) and grounds container (A17) and put both back in the machine;
3. Empty the water tank (A12) completely;
4. Pour the descaler (C3) diluted with water (respecting the proportions indicated on the descaler pack) into the water tank and replace the tank in the appliance;
5. Place a container with a minimum capacity of 1.8 litres under the cappuccino maker (A10) (fig. 27);

6. Wait for the coffee lights (B2 and B4) to come on steadily;
7. Press and hold the button (B15) for at least 5 seconds to confirm that you have added the solution and begin the descaling procedure. The light (B14) on the button comes on steadily to indicate that the descaling programme has begun;
8. The (B2), (B4) and (B6) lights flash simultaneously to indicate the hot water/steam dial (B10) must be turned to the **ON** position;



Important! Danger of burns!

Hot water containing acid flows from the cappuccino maker. Take care to avoid contact with splashes of this solution.

9. When the dial has been turned to the **ON** position, the descale programme starts and the descaler liquid comes out of the cappuccino maker. A series of rinses and pauses are performed automatically to remove all limescale residues inside the coffee machine;

After about 25 minutes, descaling stops, the light (B11) on the control panel comes on and the , and lights alternate. Turn the hot water/steam dial to the **OFF** position;

10. The appliance is now ready for rinsing through with clean water. Empty the container used to collect the descaler solution. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance: the , and lights flash simultaneously;
11. Place the container used to collect the descaler solution empty under the cappuccino maker (fig. 27);
12. Turn the hot water/steam dial to the **ON** position to begin rinsing. Hot water is delivered from the cappuccino maker;
13. When the water tank is completely empty, the light on the control panel comes on and the , , lights alternate. Turn the hot water/steam dial to the **OFF** position;
14. Empty the container used to collect the rinsing water., Extract the water tank and fill up to the MAX level with fresh water, then put back in the appliance. The , and lights flash simultaneously;
15. Place the container used to collect the rinsing water empty under the cappuccino maker and coffee spouts (A18);
16. Turn the hot water/steam dial to the **ON** position. Rinsing continues from the cappuccino maker;
17. At the end, the , and lights alternate. Turn the hot water/steam dial to the **OFF** position;
18. Rinsing resumes from the coffee spouts and at the end, the appliance goes off;
19. Remove the water tank, fill to the MAX level with fresh water and insert in the appliance

Descaling is complete.



Please note!

If the descaling cycle is not completed correctly (e.g. lack of electricity) we recommend repeating the cycle.

16. SETTING WATER HARDNESS

The light (B14) comes on after a period of time established according to water hardness.

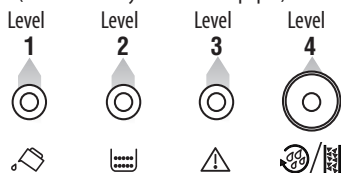
The machine is set by default for a hardness value of 4 (very hard water). The machine can also be programmed according to the hardness of the mains water in the various regions so that the machine needs to be descaled less often.

16.1 Measuring water hardness

1. Remove the "TOTAL HARDNESS TEST" indicator paper (C1) from its pack (attached to the English instructions).
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 1 level (fig. 28).

16.2 Setting water hardness

1. With the appliance off (standby), but the main switch in the I position (fig. 3);
2. Press and hold the button (B15) for at least 6 seconds. The (B11), (B12), (B13) and (B14) lights come on together;
3. Press the **ECO** button (B17) to set the actual water hardness (as measured by the indicator paper).



4. Press the button to save the new setting and exit the menu

The machine is now reprogrammed with the new water hardness setting.

17. TECHNICAL DATA

Voltage:	220-240 V~ 50/60 Hz max. 10 A
Absorbed power:	1450 W
Pressure:	1.5MPa (15 bars)
Water tank capacity:	1.8 L
Size LxDxH:	285x395x365 mm
Cord length:	1465 mm
Weight:	10.3 Kg
Beans container capacity:	200 g














This product complies with European regulation no. 1935/2004 on materials and articles intended to come into contact with food.

18. DISPOSING OF THE APPLIANCE





































The appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

19. MEANING OF LIGHTS DURING NORMAL OPERATION

LIGHTS	DESCRIPTION	MEANING
1 	The lights flash	The appliance is not ready to make coffee (the water has not yet reached the ideal temperature). Wait for the lights to come on steadily before making coffee
2 	The lights are on steadily	The appliance is at the right temperature and ready to make coffee.
3 	The light is on steadily	The appliance is delivering one cup of coffee
4 	The light is on steadily	The appliance is delivering two cups of coffee
5 	The steam light is flashing	The appliance is heating up to the ideal temperature to produce steam. Wait for the light to remain on steadily before turning the steam dial (B10)
6 	The steam light is on steadily	The appliance is ready to deliver steam
7 	The lights flash alternately	The appliance is turning off (see section "7. Turning the appliance off")
8 	The lights flash	You must turn the steam dial (B10) to the ON position
9 	The lights flash alternately	You must turn the steam dial (B10) to the OFF position
10 	The light is on steadily	The appliance is in energy saving mode
11 	The light is on steadily	The automatic descaling programme is underway (see section "15. Descaling")

20. MEANING OF THE ALARM LIGHTS


LIGHTS	DESCRIPTION	MEANING	WHAT TO DO
1      	The light is on steadily	Insufficient water in the water tank (A12) or tank not correctly in place	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place
		The water tank (A12) is dirty and/or clogged	Rinse or descale the tank
2      	The light flashes	The grinding is too fine and the coffee is delivered too slowly	Repeat coffee delivery and turn the grinding adjustment dial (fig. 10) 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 (see section "11.5 Adjusting the coffee mill"). If the problem persists, turn the steam dial to the ON position and deliver a little water from the cappuccino maker (A10).
3      	The light is on steadily	The grounds container (A17) is full or more than 72 hours have passed since the first coffee delivered after you emptied the container	Empty the grounds container and drip tray (A15), clean and 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
4      	The light flashes	The pre-ground coffee function  has been selected without placing any pre-ground coffee in the funnel (A8)	Place pre-ground coffee in the funnel or deselect the pre-ground function by turning the coffee taste selection dial (B9)
		The coffee beans have run out	Fill the beans container (A3)
		If the coffee mill is very noisy, this means a small stone in the coffee beans has blocked the mill.	Contact De'Longhi Customer Services
		The pre-ground coffee funnel (A8) is clogged	Empty the funnel with the help of a brush as described in section "14.8 Cleaning the pre-ground coffee funnel"

LIGHTS	DESCRIPTION	MEANING	WHAT TO DO
5 	The light flashes	The machine must be descaled	The descaling procedure described in section “15. Descale” needs to be performed
6 	There is an unusual noise and the lights flash alternately	The infuser (A20) has not been replaced after cleaning	Leave the service door (A16) closed and the infuser out of the appliance. Press the  (B3) and  (B5) buttons together until the four lights go out. You cannot open the service door and insert the infuser until all four lights have gone out. If the message is still displayed after cleaning, contact De'Longhi Customer Services
7 	The lights flash alternately	The appliance has just been turned on, the infuser (A20) is not inserted correctly and the service door is not correctly closed	Press the word PUSH on the infuser until it clicks into place. Make sure the two coloured buttons have snapped out. Close the service door (A16) and turn the appliance on again
8 	The lights flash	The pre-ground coffee funnel (A8) is clogged	Empty the funnel with the help of a brush as described in section “14.8 Cleaning the pre-ground coffee funnel”
9 	The light is on steadily	The infuser (A20) has not been replaced after cleaning	Insert the infuser as described in section “The infuser (A20) must be cleaned at least once a month.”
		The inside of the appliance is very dirty	Clean the inside of the appliance thoroughly, as described in the section “14.5 Cleaning the inside of the coffee machine”. If the message is still displayed after cleaning, contact De'Longhi Customer Services
10 	The light flashes	The service door (A16) is open	If you cannot close the door, make sure the infuser (A20) is correctly inserted
11 	The lights flash alternately	The appliance has been switched on with the steam dial (B10) in the ON position	Turn the steam dial to the OFF position

21. 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	REMEDY
The coffee is not hot	The cups were not preheated	Warm the cups by rinsing them with hot water (Please note: you can use the hot water function, see section "13. hot water")
	The infuser (A20) has cooled down because 2/3 minutes have elapsed since the last coffee was made	Before making coffee, heat the infuser by pressing the  button (B15)
	A low coffee temperature is set	Set a higher coffee temperature in the menu (see section "9. Setting the temperature")
The coffee is weak or not creamy enough	The coffee is ground too coarsely	Turn the grinding adjustment dial (A1) one click anticlockwise towards "1" while the coffee mill is in operation (fig. 7). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees (see section "11.5 Adjusting the coffee mill")
	The coffee is unsuitable	Use coffee for espresso machines
The coffee is delivered too slowly or a drop at a time	The coffee is ground too finely	Turn the grinding adjustment dial (A1) one click clockwise towards "7" while the coffee mill is in operation (fig. 7). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees (see section "11.5 Adjusting the coffee mill")
Coffee does not come out of one or both of the spouts	The coffee spouts (A16) are blocked	Clean the spouts with a toothpick (fig. 22)
The coffee does not come out of the spouts, but from around the service door	The holes in the coffee spouts (A16) are clogged with dry coffee dust	Clean the spouts with a toothpick (fig. 22), sponge (fig. 21) or hard bristled kitchen brush
	The coffee guide (A19) inside the service door is blocked and cannot swing.	Thoroughly clean the coffee guide, particularly near the hinges.
The frothed milk has large bubbles	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 milk is not frothed	The cappuccino maker (A10) and steam connection nozzle (A11) are dirty.	Clean as described in section "12.2 Cleaning the cappuccino maker after use".
Steam delivery stops	A safety device stops steam delivery after 3 minutes.	Wait, then enable the steam function again.
The appliance does not come on	The plug (A13) is not plugged into the socket.	Plug into the mains socket.
	The main switch (A2) is not turned on.	Place the main switch in the I position (fig. 3).

PROBLEM	POSSIBLE CAUSE	REMEDY
When the steam/hot water dial is turned to the ON position, steam/hot water is not delivered from the cappuccino maker (A10)	The holes in the cappuccino maker and/or steam connection nozzle (A11) are blocked.	Clean the cappuccino maker as described in section "12.2 Cleaning the cappuccino maker after use"
The infuser assembly (A20) cannot be removed for cleaning	The appliance is on or has not completed the turning off cycle.	The infuser can only be removed when the appliance has been turned off correctly (see section "7. Turning the appliance off").

22. ELECTRICAL REQUIREMENTS

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.

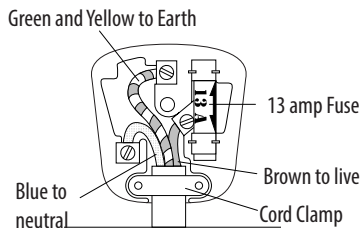
Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger.

Please note: 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 asta 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