



**OLC1 Series 'Lucia'  
High performance compact coffee dispenser**



**Users Handbook**

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# Using the dispenser

## ***Quick start***

Remove the dispenser from the carton and place on a stable worktop capable of supporting a minimum of 20kg/m<sup>2</sup>

Connect the dispenser to a source of potable water at a pressure between 0.5bar minimum to 10bar maximum. Use a local water authority approved non-return valve between the hose and the water supply connection point to comply with local and federal codes. Turn on the water supply and check there are no leaks.

Use the power cord supplied with the machine to connect the machine to a source of electrical power providing 230v single phase not less than 13A

Switch on the machine by operating the red switch on the rear of the dispenser, it will illuminate when power is present. You should then observe the following:

1. The display and lighting on the front panel will illuminate.
2. The display will show 'Please wait' then a name will appear on the top line (e.g. Kaffee Konzepte or AROMAT) and the word 'Filling' on the lower line. The machine will perform a 'self check diagnostic' for a couple of seconds then the water inlet valve will open and the boiler will begin to fill.
3. When the boiler is full, the water inlet valve will shut off and the display lower line will change to 'Heating'. When the boiler reaches 60°C the display will change to show the time and boiler temperature on the lower line. The boiler will continue to heat until it reaches the preset maximum temperature. (The temperature is preset but if necessary may be adjusted in 'Set up mode').

## **Filling with coffee concentrate**

Place a can or BIB of coffee concentrate into the cooler unit of the machine via the door in the top of the dispenser and connect appropriately in either of the following ways;

- For a can: Defrost the can fully and give it a shake to stir up the coffee solids. Open the ring pull and insert the suction tube into the can.
- For a BIB: Defrost the BIB fully and give it a shake to stir up the coffee solids. Firmly attach the suction tube connector to the BIB.

Prime the system with concentrate by pressing and holding the 'STOP' button and then briefly press the 'Water' button, release both buttons when you hear the pump run, the system will then run its priming function automatically.

When the coffee concentrate runs out, replace the BIB or can and prime as described above. A sold out system is available as an optional extra.

### ***Cleaning the dispenser***

Wipe down the dispenser with a clean damp soft cloth using hot water with a mild detergent added to remove splash marks etc. Do not use abrasive cleaning materials, or solvents.

Whenever a BIB is replaced, the cleaning adapter supplied with the dispenser should be fitted to the suction hose BIB connector and placed in the cleaning bottle supplied with the dispenser which has been filled with **hot water above 75°C** from the dispenser and mixed with a suitable food safe sanitising agent in the correct ratio as stated on the Sanitiser packaging. Press and hold the 'STOP' button and also press the 'Cup' button until 'Clean cycle' is shown in the display, release both buttons, place a 1 litre water container below both of the outlet nozzles then press the 'Water' button to start the cleaning cycle. This will run for 15 seconds causing hot water to rinse out both nozzles. Discard the water collected.

Replace the coffee concentrate and prime as described above.

### ***Power save mode:***

To conserve energy and reduce running costs, after approximately half an hour of non-use the dispenser will switch to 'Power save mode' switching off the boiler and dispenser illumination.

Pressing any button will exit 'Power save mode', the display will show 'Please wait' until the machine is again ready to dispense.

### ***Dispenser Set-up mode:***

Switch off at the power button on the rear of the dispenser, hold down the 'STOP' button while the display shows 'Please wait', then release the 'STOP' button when 'Set up' is displayed. The display will now show the firm and software versions installed.

Set-up mode enables the selection buttons to be enabled or disabled and provides the ability to modify a dispense to suit the user.

Press the 'STOP' button and the display will change to 'Press selection', pressing the STOP button again will enter 'Calibrate' mode, pressing the 'STOP' button again will leave 'Set up' mode.

## Changing dispense parameters

1. The display shows:

Press Selection

2. Press the Selection button to be modified.

The display will show (for example):

Cup = Enabled

3. The selection button name is shown and if the selection button is enabled or disabled.  
Press the selection button again to toggle between 'Enabled' and 'Disabled'.
4. Press 'STOP' again to enable or disable preset volume dispensing; press 'Cup' to enable or disable this feature. If 'Disabled' is selected then pressing 'STOP' again will jump to 'Strength setting'. The default setting is - 'Enabled'.
5. Press the 'STOP' button to step to the dispense size setting.

The display will show (for example):

Size = 38  
Press \* , + or -

Press the 'CUP' button (-) to reduce the volume of water dispensed, or the 'MUG' button (+) to increase the volume of water dispensed.

To set a new volume of an unknown amount place the receptacle you want to fill, for example a cup or a mug or a jug below the nozzle and then press the 'JUG' button. Water will begin to flow from the nozzle into the receptacle. When sufficient water is in the receptacle, press the 'JUG' button again to stop the flow of water.

If the volume of water dispensed is too low or too much, use the 'CUP' button (-) to reduce or the 'MUG' button (+) to increase the volume of water dispensed, or press the 'JUG' to start again.

6. Press the 'STOP' button to step to the coffee strength setting

The display will show

Strength = XX : 1
----------------------

XX is a number between 10 and 50

The strength is expressed as a ratio of water to coffee concentrate e.g. 25:1 equals 25 parts water to 1 part coffee concentrate.

Press the 'CUP' button (-) to lower the ratio which will increase the strength of the drink dispensed, or the 'MUG' button (+) to increase the ratio which will decrease the strength of the drink dispensed.

For example 20:1 is stronger than 30:1

### ***Dispenser Calibrate mode:***

1. Switch on the dispenser and let it run until the heaters turn off and the water is hot.
2. Switch off the dispenser with the red power button on the rear of the dispenser,
3. Wait 2 seconds, then press and hold down the 'STOP' button and switch the dispenser back on again.

The display will show

Setup
-------

Release the Stop button and the display will change to:-

Press Selection
-----------------

4. Press the 'Jug' Button

The display will show

Jug enabled
-------------

Pressing the 'Jug' button toggles between enabled and disabled.

Set to Jug enabled

5. Press the 'STOP' button

The display will show

Preset enabled

Pressing the 'Jug' button toggles between enabled and disabled.

Set to Preset enabled

6. Press the 'STOP' button

The display will show

Size = XXX  
Press \* , + or -

7. Place a 1 litre measuring beaker below the outlet nozzle and press the 'Jug' button.

Water will be dispensed into the beaker; when the water level is around 900ml then press the 'Jug' button again. The water will continue to flow for a short time until approximately 1litre has been dispensed. (Note the 'Size' number shown in the display for use as a guide).

8. If the volume dispensed is below 1 litre, press the 'Cup' button to add water or the 'Water' button to decrease the water to the next try (Note use the 'Size' number shown in the display as a guide, initially adjust in steps of 10, then smaller steps as you get closer to 1 litre).

9. Press the 'STOP' button

The display will show

Strength =  
XX:1

10. Use the 'Water' or 'Cup' button as necessary to set the strength to **20:1**

11. Switch off the dispenser with the red power button on the rear of the dispenser,

12. Wait 2 seconds, then press and hold down the 'STOP' button and switch the dispenser back on again.

The display will show

Setup

Release the Stop button and the display will change to:-

Press Selection

13. When 'Press selection' is displayed press the 'STOP' button again.

The display will show

Calibrate?

Then press the 'Jug' button

The display will show

Max temperature  
= XX

This sets the normal boiler maximum temperature in degrees Celsius; use the 'Water' button (-) to reduce or the 'Cup' button (+) to increase the water temperature.

14. Press the 'STOP' button

The display will show

Calibrate temp  
XX°C

Remove the small rubber stopper from the tank top and place a digital thermometer into the tank through the hole, use the 'Cup' button (+) and the 'Mug' button (-) to adjust the water temperature shown on the display to the actual temperature shown on the Thermometer. Always replace the rubber stopper in the tank lid when you are finished to stop steam from the boiler causing problems in the machine.

15. Press the 'STOP' button

The display will show

Heat during  
Selection = No

Pressing the 'Mug' button will enable this function and 'Cup' will disable it.

16. Press the 'STOP' button

The display will show

Coffee enabled

Pressing the 'Cup' button will enable this function and 'Mug' will disable it.

Set to Coffee enabled

17. Press the 'STOP' button

The display will show

Water enabled

Pressing the 'Cup' button will enable this function and 'Mug' will disable it.

Set to Water disabled

18. Press the 'STOP' button

The display will show

Coffee wash time  
= 0.5 seconds

Pressing the 'Cup' button will decrease the time and 'Mug' will increase the time.

19. Press the 'STOP' button

The display will show

Peris offset  
= XXX

Note the number shown (It may be a minus number). Pressing the 'Cup' button will decrease the offset and 'Mug' will increase the offset.

20. Press the 'STOP' button

The display will show

Machine Intro  
(Name of Firm)

Pressing the 'Cup' or 'Mug' buttons will scroll through the names available

21. Press the 'STOP' button

The display will show

Name of Firm  
XX°C

22. Fit the cleaning adapter to the BIB connector on the dispenser suction hose in the cooler unit.
23. Fill the cleaning bottle with water and place it in the cooler unit, place the metal tube of the cleaning adapter in the water in the bottle.
24. Press the 'STOP' and 'Water' buttons together to prime the coffee pump tube with water.
25. Place a 100ml measuring cylinder below the outlet nozzle, and press the 'Jug' button. An amount of water will be dispensed into the measuring cylinder. Make a note of the volume of water dispensed.
26. Switch the dispenser off then on again while keeping the 'STOP' button pressed until the display shows:-

Setup

27. Press the 'STOP' button a few times until the display shows

Calibrate?

Then press the 'Jug' button

28. Press the 'STOP' button a few times until the display shows

Peris offset  
= XXX

Note the number shown (maybe a minus number)

29. With reference to the volume of water dispensed in line item 22 above you are aiming for 50ml, use the 'Water' (-) and 'Cup' (+) buttons to adjust the volume of water dispensed. Adjust in steps of 10 to start with and reduce the size of the steps as you get closer to 50ml.

30. Press the 'STOP' button a few times until

The display shows

Name of Firm  
XX°C

31. Go back to step 22 above and repeat steps 22 to 26 until 50ml is dispensed.

32. When 50ml is dispensed, Press the 'STOP' button a few times until the display shows:-

Calibrate?

33. Scroll through Setup and reset the both water and coffee to 'Enabled'

34. Press the 'STOP' button until

The display shows

Name of Firm  
XX°C

Then the dispenser is calibrated.

Reset the 'Jug' Selection button to your required strength and drink volume as shown in 'Changing dispense parameters' above.

## ***General Specifications***

Length:	46.5cm
Width:	33cm
Height:	35cm
Weight empty:	13kg (typical)
Weight operational:	17kg (typical)
Construction:	Stainless steel and ABS Plastic
Flow rate:	up to 250 Cups per hours (typical)
Boiler capacity:	3 litres
Product Capacity:	1 litre can or 1 litre, 1.5 litre or 2 litre BIB
Drip tray capacity (plastic):	0.8 litres
Minimum inlet water pressure:	0.2 bar (2.9PSI)
Maximum inlet water pressure:	10.0 bar (145PSI)
Operating voltage:	220 -250v AC
Frequency:	50/60Hz
Power:	2.75kW @ 230vAC single phase
LED illumination:	Cup area white (standard) Colour changing display



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