

USER MANUAL



Platinum Refrigerator & Freezer Range



Please read and
keep these
instructions



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Thank you for purchasing this Lec Commercial product. Before you first use your refrigerator / freezer please carry out the following actions:

- Check that the product has not been damaged in any way during transportation.
- If any damage is found it must be reported to our customer services department immediately on 0844-815-3755
- Ensure all packaging has been removed, including cardboard, polystyrene and any tape used or cable ties to hold shelves in place for transportation.
- The product has been cleaned prior to despatch; however, we advise that it should be cleaned using lukewarm water containing a mild detergent and a soft cloth.
- We recommend that the product should be left in an upright position for 24 hours prior to switching on.

Positioning and safely using your Lec Commercial product

- Make sure the product is placed in a dry, well ventilated site, away from heat sources.
- The product must be placed on a level surface.
- If the product is to be placed next to another refrigerating unit, there should be at least a 2cm gap between products.
- Before ANY maintenance activity, pull the plug out of the socket by gripping the plug, DO NOT pull on the plug cord.
- DO NOT use double-wire extension cords. If an extension cord is necessary make sure it is a cord, which possess a protection safety certificate.
- If the main power supply cord is damaged, it should be replaced immediately by a qualified service engineer.
- DO NOT attempt any repairs to the product yourself (apart from those highlighted in the Maintenance and Service Section). Repairs carried out by someone without the relevant training are putting their personal safety at risk and will invalidate your warranty.
- **WARNING:** this product is only to be operated by authorised personnel or personnel who have correct knowledge on how the product operates.

Transporting and moving your Lec Commercial product

The product must always be moved in the vertical position. The product must not be tilted by more than 40°. In the event that the product is tilted more than 40°, the power supply must not be connected until the product has stood upright for at least 24 hours.

Energy saving tips

This product is cooled by energy-efficient R600a or R134a refrigerant. To keep running costs as low as possible always:

- Position the product away from heat sources.
- Make sure the air can circulate freely around the product, don't block ventilation grid.
- Ensure that goods being stored in the product are below room temperature upon entry.
- Make sure the door is opened as little as possible whilst in use and closed as quickly as possible to prevent unnecessary temperature fluctuations.

Important Information

Some products contain environment-friendly, non-ozone depleting refrigerant R600a. As R600a is a flammable gas, it is important to avoid damage to the refrigeration circuit during transport and installation. If the refrigeration circuit is damaged, avoid using a naked flame in the vicinity of the product or connecting power to the product. Also make sure there is good ventilation in the room. If you are in doubt please contact your supplier.

Product Information

Lec Commercial refrigerators have been designed and built with the intention of the products being used in a Kitchen and are designed to store contents between +0°C to +10°C.

Lec Commercial freezers have been designed and built with the intention of the products being used in a Kitchen and are designed to store contents between -18°C to -25°C.

Product details



1. Lock
2. Electronic Controller
3. Handle (integral on 400L & 600L Solid Door models)
4. Wire Shelves in Refrigerators and Wire Baskets in Freezers

Additional or replacement parts are available from our spare parts department. See back of booklet for contact details.

Controller overview and operation



SET



AUX

To display target set point, in programming mode it selects a parameter or confirm an operation

To start a manual defrost (Only XR02CX)

In programming mode it browses the parameter codes or increases the displayed value

In programming mode it browses the parameter codes or decreases the displayed value

KEYS COMBINATION



To lock or unlock the keyboard

To enter in programming mode

To return to room temperature display

LED	MODO	SIGNIFICATO
	On	Compressore enabled
	Flashing	Anti short cycle delay enabled (AC parameter)
	On	Defrost in progress
	Flashing	Dripping in progress
°C	On	Measurement unit
	Flashing	Programming mode
°F	On	Measurement unit
	Flashing	Programming mode

HOW TO SEE THE SET POINT

1. Push and immediately release the **SET** key, the set point will be showed;
2. Push and immediately release the **SET** key or wait about 5s to return to normal visualisation.

HOW TO CHANGE THE SETPOINT

1. Push the SET key for more than 2 seconds to change the Set point value;
2. The value of the set point will be displayed and the "°C" or "°F" LED starts blinking;
3. To change the Set value push the o or n arrows within 10s.
4. To memorise the new set point value push the SET key again or wait 10s.

HOW TO START A MANUAL DEFROST (ONLY XR02CX)

Push the DEF key for more than 2 seconds and a manual defrost will start

HOW TO CHANGE A PARAMETER VALUE

To change the parameter's value operate as follows:

1. Enter the Programming mode by pressing the **SET**+ keys for 3s ("°C" or "°F" LED starts blinking).
2. Select the required parameter. Press the "SET" key to display its value
3. Use or to change its value.
4. Press "SET" to store the new value and move to the following parameter.

To exit: Press **SET+** Δ or wait 15s without pressing a key.

NOTE: the set value is stored even when the procedure is exited by waiting the time-out to expire.

HIDDEN MENU

The hidden menu includes all the parameters of the instrument.

HOW TO ENTER THE HIDDEN MENU

1. Enter the Programming mode by pressing the **SET+** ∇ keys for 3s ("°C" or "°F" LED starts blinking).
2. Released the keys, then push again the **SET+** ∇ keys for more than 7s. The L2 label will be displayed immediately followed from the Hy parameter.

NOW YOU ARE IN THE HIDDEN MENU.

3. Select the required parameter.
4. Press the "SET" key to display its value
5. Use Δ or ∇ to change its value.
6. Press "SET" to store the new value and move to the following parameter.

To exit: Press **SET+** Δ or wait 15s without pressing a key.

NOTE1: if none parameter is present in L1, after 3s the "nP" message is displayed. Keep the keys pushed till the L2 message is displayed.

NOTE2: the set value is stored even when the procedure is exited by waiting the time-out to expire.

HOW TO MOVE A PARAMETER FROM THE HIDDEN MENU TO THE FIRST LEVEL AND VICEVERSA.

Each parameter present in the HIDDEN MENU can be removed or put into "THE FIRST LEVEL" (user level) by pressing **SET+** ∇ . In HIDDEN MENU when a parameter is present in First Level the decimal point is on.

TO LOCK THE KEYBOARD

1. Keep pressed for more than 3s the Δ and ∇ keys.
2. The "OF" message will be displayed and the keyboard will be locked. If a key is pressed more than 3s the "OF" message will be displayed.

TO UNLOCK THE KEYBOARD

Keep pressed together for more than 3s the Δ and ∇ keys till the "on" message will be displayed.

Changing the Door Hinge

The door can be changed from right hand-hinged to left hand-hinged, or vice versa.

To do so, proceed as follows:

1. Switch off power at the mains socket and remove the plug from the mains socket.
 2. Remove the top panel and disconnect the multi plug inside.
 3. Remove the hinge pin, and lift off the door.
 4. Move hinge from one side to the other.
 5. Move the handle from one side to the other.
 6. Place the door in the hinge on the desired side. Insert hinge pin in the hinge and in the door hinge bush. Fasten the hinge.
 7. Re-connect the multi plug to the panel, and secure the panel. Re-connect to the mains.
- A series of pictorial instructions are available on request from our Customer Services department.

Maintenance and Service of your Lec Commercial Product Defrosting

All Lec Commercial refrigerators feature automatic defrosting and, in normal conditions, means that no manual defrosting is required. However, in certain conditions (e.g. when the refrigerator is very full or when any new items are stored in the refrigerator) frost may form on the rear wall of the product as the compressor must run for long periods of time. As automatic defrosting takes place while the compressor is not running the refrigerator may not defrost completely before the compressor restarts. In these instances some manual defrosting may be required.

All Lec Commercial freezers need to be manually defrosted on a regular basis.

Before manually defrosting the product, make sure the power lead is disconnected from the mains. Any loose frost found on the evaporator can be removed carefully using a wooden or plastic scraper.

WARNING: Do not use any knives or sharp metallic objects to remove frost.

Cleaning

- Your product should be cleaned regularly.
- Before cleaning you **MUST** switch off and disconnect your product from the power supply.
- The whole product except the door gasket can be cleaned with mild cleaning detergent.
- The door gasket should be cleaned with water only and wiped dry.
- The handle should be cleaned regularly with soap and water.
- Remove shelves/basket and wipe with a soft cloth. **DO NOT** put then in a dishwasher.
- Detergents containing abrasives or acids are not suitable for the cleaning.
- When all cleaning has been completed and accessories replaced, reconnect the plug with **dry hands**.

Replacing the LED light (refrigerators only)

WARNING: Ensure that the product is unplugged from the power source before commencing.

Your Lec Commercial refrigerator is fitted with energy efficient, LED lighting. In the unlikely event that you need to replace the light, please follow the instructions below;

Switch product off at mains and remove plug from mains socket. Remove screws holding LED cover in place using a screw driver and then remove screws holding LED strip by same method.

Disconnect LED strip at connector block and replace with new LED strip. Re-fix LED strip and LED cover to product using screws previously removed ensuring all screws are secure. Re-connect plug to mains socket and switch on.



Important! Applies to all 400L & 600L products:

Product Support Brackets

All 400L and 600L products are supplied with a set of 2 product support brackets. These are an important safety accessory and must be fitted to a wall using the screws and rawl plugs supplied and positioned just above the product to prevent the product from topping forward in the event of somebody leaning on the door when in the open position.

Lec Commercial 400L and 600L products should not be installed without these brackets being in situ.

Product Alarm Warnings

Your Lec Commercial is supplied with temperature and door open alarm features to warn the user and advise the user of certain conditions. Details of the alarm/ warning displays are as follows:

Temperature above upper set parameter - shows HA in display

Temperature below lower set parameter - shows LA in display

Door Left Open for more than 1 minute - shows dA in display

Product in automatic Defrost mode - shows dF in display

Storage

If the product is to remain unused for a period of time (e.g. during refurbishment work), disconnect it from the power supply at the wall socket. Empty, defrost and clean the product. Make sure the door is left slightly ajar to prevent any bad odours forming within the product.

Electrical Connection

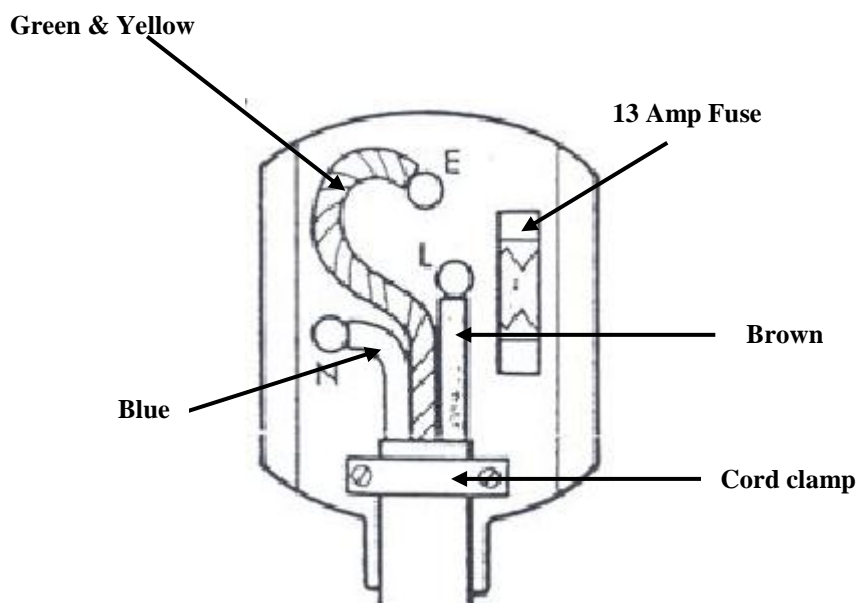
The product is intended for connection to alternating current. The connection values for voltage (V) and frequency (Hz) are declared on the data plate in the product. Power must be connected via a wall socket with a switch. It is strongly recommended that the wall socket is easily accessible. All earthing requirements stipulated by the local electricity authority. The product plug and wall socket should give correct earthing. If in doubt, contact your local supplier or an authorised electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED

The flexible cord (mains lead) fitted to this product has three cores for use with a 3-pin 13 amp plug. If a BS 1363 (13-amp) fused plug is used it should be fitted with a 13-amp fuse. The cores in the mains lead are coloured in accordance with the following code:

GREEN AND YELLOW: EARTH
BLUE: NEUTRAL
BROWN: LIVE

These colours might not correspond with the colour markings identifying the terminals in your plug.



Note:

First Connection to the mains

The product provides information about the higher temperature (Hi alarm) till the moment of cooling.

The alarm is signalled by a sound signal and “Hi” caption on the display. To cancel the alarm, press any button.

Until the moment of cooling, the alarm is repeated every 15 minutes. Such an operating mode is normal until the required temperature settings are reached.

Disposal of your product

When disposing your refrigerator or freezer do not take it to regular municipal waste containers. Instead, take it to an electrical/electronic waste recycling and re-use centre. A relevant label has been placed on the refrigerators packaging (see below). The product has been manufactured of recyclable materials. Ask your local environmental care authority for information concerning location of such facilities.



Troubleshooting

PROBLEM	REASON	SOLUTION
The product does not work	A gap in the electric system circuit	<ol style="list-style-type: none"> 1. Make sure the plug is properly inserted into the socket 2. Make sure the socket is not faulty 3. Make sure the power supply cord is not damaged
	The compressor hardly ever activates	<ol style="list-style-type: none"> 1. Check to see if the ambient temperature is below +10C
The temperature inside the appliance is not low enough (the compressor operates continuously)	The door doesn't shut tight or is opened too often	<ol style="list-style-type: none"> 1. Rearrange the products so they don't hamper the door 2. Shorten the time the door is open for
	The ambient temperature is above that which has been outlined in the product specification (page 6)	<ol style="list-style-type: none"> 1. Check that the product is operating at an ambient temperature that meets the product specification on page 4
	Air circulation at the back of the appliance is hampered	<ol style="list-style-type: none"> 1. Move product further away from the wall
	The product is placed such that it is subject to constant sunlight, or another heat source e.g. Radiator	<ol style="list-style-type: none"> 1. Move the appliance to a different place away from heat sources or direct sunlight
Water collects at the bottom part of the refrigerator	The contents touch the back wall of the cabinet	<ol style="list-style-type: none"> 1. Move the products so they aren't in contact with the back wall
	The drain opening is clogged	<ol style="list-style-type: none"> 1. Take the cleaning plug and unclog the condensate opening
The appliance makes too much noise	The product is not level	<ol style="list-style-type: none"> 1. Place the product on an even surface or use adjustable feet
	The appliance is touching another object	<ol style="list-style-type: none"> 1. Reposition the product so it is detached from any other objects

Contact Details

- Sales Enquiries:

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- Marketing Enquiries:

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- For any other information please visit:

www.lec-commercial.co.uk