

LG GL-D241ABCY

LG 224 L 4 Star Inverter Direct-Cool Single Door Refrigerator

Model: GL-D241ABCY

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your new LG 224 L 4 Star Inverter Direct-Cool Single Door Refrigerator, Model GL-D241ABCY. Please read this manual thoroughly before using the appliance and keep it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury when using your refrigerator. This appliance is intended for household use only.

- Ensure the power cord is not damaged and is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Only qualified service personnel should repair or service the appliance.

3. PRODUCT OVERVIEW

Your LG refrigerator is designed for efficient cooling and convenient storage. Key features include:

- **Capacity:** 224 Liters total (Freezer: 27 L, Fresh food: 197 L)
- **Energy Efficiency:** 4 Star rating for high energy efficiency.
- **Compressor:** Smart Inverter Compressor for optimized performance and precise temperature control.

- **Shelves:** 3 Toughened Glass shelves for durable storage.
- **Vegetable Tray:** Transparent, 21 L capacity with Humidity Controller.
- **Door Storage:** Multiple door baskets, including 2 L bottle storage.
- **Base Stand:** Integrated base stand with a drawer for additional non-refrigerated storage.
- **Special Features:** Moist 'N' Fresh, Chiller, Tray Ice, Anti-bacterial gasket, Door Lock, Stabilizer free operation (90~310V), Quick cooling zone, Interior refrigerator light, Smart Connect, Solar Connect, Anti Rat Bite Type (Sleeve).



Image 3.1: Front view of the LG 224 L Single Door Refrigerator.



Image 3.2: Interior view showing freezer, shelves, and vegetable compartment.

4. SETUP

4.1 Unpacking

Carefully remove all packaging materials from the refrigerator. Check the contents against the 'Included in the box' list: 1 Refrigerator Unit, 1 Base Stand Drawer, 1 User Manual, and 1 Lock Key. Retain packaging for future transport if needed.

4.2 Placement

Position the refrigerator on a firm, level surface away from direct sunlight, heat sources, and moisture. Ensure adequate space around the appliance for proper ventilation. The product dimensions are 62.1D x 59.1W x 150H Centimeters.

4.3 Base Stand Assembly

The base stand with drawer is included separately. For optimal stability and to utilize the additional storage, it is recommended to install the base stand. Due to the weight of the appliance (45 Kilograms), professional assistance may be required to safely lift and place the refrigerator onto the base stand.



Image 4.1: Illustration of the Base Stand with Drawer.

4.4 Power Connection

Connect the refrigerator to a dedicated 230 Volts AC power outlet. This appliance features Stabilizer Free Operation (90~310V), protecting it from voltage fluctuations. Allow the refrigerator to stand for at least 2-4 hours before plugging it in to allow refrigerants to settle.



Image 4.2: Diagram explaining Stabilizer Free Operation.

5. OPERATION

5.1 Initial Use

After plugging in, allow the refrigerator to run for at least 30 minutes to an hour before placing food inside. The cooling process will begin quickly, and ice making can commence within approximately one hour.

5.2 Temperature Control

The refrigerator is equipped with adjustable temperature control. Use the dial or controls inside the fresh food compartment to set your desired cooling level. For optimal food preservation, maintain a temperature between 1°C and 5°C in the fresh food section.

5.3 Food Storage Guidelines

- **Moist 'N' Fresh:** The lattice-patterned cover in the vegetable box helps maintain optimal moisture levels, preventing vegetables from drying out.



Image 5.1: Illustration of the Moist 'N' Fresh lattice cover.

- **Toughened Glass Shelves:** Utilize the three durable shelves for organized storage of various food items.



Image 5.2: Close-up of Toughened Glass Shelves.

- **Vegetable Tray:** The transparent 21 L vegetable tray is ideal for storing fruits and vegetables.
- **Door Baskets:** Use the door baskets for bottles, dairy products, and other smaller items. The refrigerator includes dedicated 2 L bottle storage.
- **Quick Cooling Zone:** A specific area designed for rapid cooling of dairy products.

5.4 Special Features

- **Smart Connect:** In the event of a power cut, the Smart Connect feature allows the refrigerator to connect to your home inverter, ensuring continuous operation and food preservation.



Image 5.3: Diagram illustrating the Smart Connect feature.

- **Fast Ice Making:** The freezer compartment is designed for rapid ice production.



Image 5.4: Graphic highlighting the Fast Ice Making capability.

- **Door Lock:** Use the provided key to lock the refrigerator door for added security.
- **Anti Rat Bite Type (Sleeve):** The refrigerator is designed with features to deter rodents.
- **Solar Connect:** This feature allows the refrigerator to operate on solar energy, providing an eco-friendly power option.



Image 5.5: Illustration of the Solar Smart feature.

6. MAINTENANCE

6.1 Cleaning

- **Interior:** Clean the interior regularly with a mild detergent and warm water. Wipe dry thoroughly. Remove shelves and drawers for easier cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Anti-bacterial Gasket:** The door gasket is designed to be anti-bacterial. Clean it regularly with a damp cloth to ensure a tight seal and prevent mold growth.



Image 6.1: Close-up of the Anti Bacterial Gasket.

6.2 Defrosting

This refrigerator features a Manual Defrost System. When frost builds up to a thickness of about 5mm (1/4 inch) in the freezer compartment, it is time to defrost. To defrost:

1. Turn off the refrigerator and unplug it from the power outlet.
2. Remove all food items from the freezer and refrigerator compartments. Store frozen items in a cooler to prevent thawing.
3. Leave the freezer door open to allow the frost to melt naturally. You can place towels at the bottom to absorb water. Do not use sharp objects or heating devices to speed up defrosting.
4. Once all frost has melted, clean and dry the interior thoroughly.
5. Plug the refrigerator back in and allow it to cool down before returning food items.

7. TROUBLESHOOTING

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; power outage; temperature setting too high; door left open.	Check power connection; verify power supply; adjust temperature setting; ensure door is closed properly.
Excessive noise	Refrigerator not level; items rattling inside; normal compressor operation.	Adjust leveling feet; rearrange items; some operational sounds are normal for inverter compressors.
Water on floor	Drain tube clogged; defrost water overflow.	Clear drain tube; ensure proper defrosting procedure is followed.

Problem	Possible Cause	Solution
Door not closing properly	Food packages obstructing; gasket dirty or damaged; refrigerator not level.	Rearrange items; clean or inspect gasket; level the refrigerator.

7.1 When to Call Service

If the problem persists after attempting the troubleshooting steps, or if you encounter any issues not listed, please contact LG customer support.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions (D x W x H)	62.1D x 59.1W x 150H Centimeters
Brand	LG
Capacity	224 Liters
Configuration	Freezer-on-Top
Colour	Blue Charm
Additional Features	Adjustable Shelves, Base Drawer, Compact, Door Lock, Energy Efficient, Inverter Compressor, Large Capacity, Low Noise, Portable
Number of Doors	1
Defrost System Type	Manual
Voltage	230 Volts
Shelf Type	Toughened Glass
Form Factor	Standard Single Door
Ice Maker Dispensed Type	Cubed
Cooling Method	Compressor
Inverter Type	Has Inverter
Number Of Shelves	3
Adjustable Temperature Control	Yes
Door Orientation	Left
Compressor Type	Rotary Scroll

Feature	Detail
Has Convertible Freezer	No
Is Customisable?	Yes
Is Electric	Yes
Door Shelf Count	3
Power Source	Corded Electric
Is Product Cordless	No
Lock Type	Key
Pattern	Floral
Freezer Capacity	27 Litres
Item Weight	45 Kilograms
Annual Energy Consumption	153 Kilowatt Hours Per Year
Refrigerator Net Capacity	224 Liters
Size	224 L
Fresh Food Capacity	197 litres
Installation Type	Freestanding
Specification Met	Energy Rating
BEE Star Rating	4
Refrigerant	R-600A
Product Finish Type	Glossy
Door Material Type	Stainless Steel
Model Name	GL-D241ABCY
Model Number	GL-D241ABCY
Specific Uses for Product	For storing edibles
Manufacturer Part Number	2M2R1164
Included Components	1 Unit of Refrigerator, 1 Base Stand Drawer & 1 Unit of User of Manual

9. WARRANTY INFORMATION

Your LG refrigerator comes with a comprehensive warranty:

- **Product Warranty:** 1 year on the entire product.
- **Compressor Warranty:** 10 years on the Smart Inverter Compressor.

Please retain your purchase receipt for warranty claims. Terms and conditions apply.

10. CUSTOMER SUPPORT

For any assistance, service requests, or inquiries, please contact LG customer support:

- **Call:** [08069379999](tel:08069379999)
- **WhatsApp:** [9711709999](tel:9711709999)
- **Email:** serviceindia@lge.com
- **Registered Office:** LG Electronics India Pvt.Ltd. Regd.Office : A-24/6, MOHAN COOPERATIVE IND ESTATE, MATHURA ROAD, NEW DELHI - 110044