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> [LG LMV2031ST 2.0 Cubic Feet Over-The-Range Microwave Oven User Manual](#)

LG LMV2031ST

LG LMV2031ST 2.0 Cubic Feet Over-The-Range Microwave Oven User Manual

Model: LMV2031ST

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your LG LMV2031ST 2.0 Cubic Feet Over-The-Range Microwave Oven. Please read this manual thoroughly before using your appliance and retain it for future reference.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should be followed, including the following:

- Read all instructions before using the appliance.
- Do not attempt to operate this oven with the door open as this can result in harmful exposure to microwave energy.
- Do not heat liquids or other foods in sealed containers as they are liable to explode.
- Do not overcook food.
- Maintain the oven in a clean condition. Food particles or spilled liquids can cause damage to the oven.
- Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

SETUP AND INSTALLATION

The LG LMV2031ST is designed for over-the-range installation. Due to its size and weight (approximately 63 pounds), professional assistance is recommended for installation to ensure proper mounting and ventilation.

Dimensions

Careful measurement of your cabinet space is crucial before installation. Refer to the diagram below for precise dimensions.



Figure 1: LG LMV2031ST Microwave Oven with key dimensions. Width: 29.88 inches, Height: 16.44 inches, Depth: 15.81 inches.

Included Components

- Charcoal Filter (for recirculation ventilation)
- Mounting hardware (check packaging for complete list)
- Installation template

Ensure all components are present before beginning installation. Follow the detailed instructions provided in the installation template for drilling and mounting.

OPERATING INSTRUCTIONS

Your LG LMV2031ST microwave oven features 1000 watts of cooking power and various functions for convenient food preparation.

Control Panel Overview



Figure 2: Control panel of the LG LMV2031ST microwave.

- **Number Pad (1-9, 0):** Used to enter cooking times, weights, or quantities.
- **START/Enter:** Begins cooking or confirms selections.
- **STOP/Clear:** Stops cooking or clears entries.
- **Reheat:** Sensor cooking option for reheating various foods.
- **Cook:** Sensor cooking option for general cooking.
- **Popcorn:** Sensor cooking option for popcorn.
- **Defrost:** Auto defrost function for various food types.
- **Soften/Melt:** Specific settings for softening butter or melting chocolate.
- **Kids Meal:** Pre-programmed settings for common children's meals.
- **Custom Cook:** Allows programming and saving custom cooking settings.
- **Custom Set:** Used to set custom options.
- **Power Level:** Adjusts microwave power from 10% to 100%.
- **Clock:** Sets the time of day.
- **Timer:** Functions as a kitchen timer independent of microwave operation.
- **Turntable On/Off:** Controls the rotation of the glass turntable.
- **Light Hi/Low/Off:** Controls the cooktop light intensity.
- **Add 30 Sec:** Adds 30 seconds of cooking time at full power.
- **Energy Saving:** Activates energy-saving mode, which turns off the display after 5 minutes of inactivity. Press any button to reactivate.
- **QuietPower Ventilation System:** The ventilation fan operates at multiple speeds (On/Off, 4 Speed, Auto Timeset) to remove smoke and odors.

Basic Microwave Cooking

1. Place food in a microwave-safe container.
2. Close the oven door securely.
3. Enter the desired cooking time using the number pad.
4. Press **START/Enter**. To adjust power level, press **Power Level** and then the desired number (e.g., 7 for 70%)

power) before pressing **START/Enter**.

Sensor Cooking

Sensor cooking automatically adjusts cooking time and power based on the humidity detected from the food. Select the desired sensor cooking option (e.g., **Reheat, Cook, Popcorn**) and press **START/Enter**. The oven will determine the optimal cooking time.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your microwave oven.

Cleaning

- **EasyClean Interior:** The EasyClean feature allows for quick and easy cleaning of the microwave interior. Wipe spills immediately with a damp cloth. For stubborn stains, use a mild detergent or a specialized microwave cleaner.
- **Exterior:** Clean the exterior surfaces with a soft, damp cloth and mild soap. Avoid abrasive cleaners.
- **Turntable:** The glass turntable can be removed and washed in warm, soapy water or in the dishwasher.

Charcoal Filter Replacement

The charcoal filter helps remove cooking odors when the microwave is set to recirculating ventilation. The filter should be replaced periodically, typically every 6-12 months, depending on usage. Refer to the full installation guide for specific instructions on accessing and replacing the charcoal filter.

TROUBLESHOOTING

If you encounter issues with your microwave, consult the following common problems and solutions before contacting service.

- **Microwave does not start:**
 - Ensure the door is securely closed. Some units may require a firm close or slight upward pressure on the door to engage the safety switch.
 - Check if the appliance is plugged in and the circuit breaker has not tripped.
 - Ensure a cooking function and time have been selected before pressing **START**.
- **Clock display disappears:**
 - This is a feature of the Energy Saving mode. Press any button to reactivate the display for 5 minutes.
- **Timer beep is too quiet or only sounds once:**
 - The timer on this model is designed to emit a single, short beep. This is normal operation. Consider using an external timer if a louder or repeating alert is preferred.
- **Cooktop light gets very hot:**
 - The halogen bulb used for the cooktop light can generate significant heat. This is typical for this type of bulb.

SPECIFICATIONS

| | |
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| Brand | LG |
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|---------------------------------------|---|
| Model Info | LMV2031ST |
| Capacity | 2 Cubic Feet |
| Wattage | 1000 Watts |
| Voltage | 120 Volts |
| Installation Type | Over-the-Range |
| Product Dimensions (L x W x H) | 15.81 x 29.88 x 16.44 inches |
| Item Weight | 63 Pounds |
| Color | Stainless Steel |
| Material | Stainless Steel |
| Special Features | Quiet, Sensor Cooking, EasyClean, Energy Savings Key, QuietPower Ventilation System |
| Included Components | Charcoal Filter |

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official LG website. You can also contact LG customer service for assistance with product registration, technical support, or service requests.

LG Customer Support: www.lg.com/us/support

