



Scan to see the online manual.



OWNER'S MANUAL

MICROWAVE OVEN

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times. This abridged owner's manual addresses user safety, precautions, and installation information.

To view the complete owner's manual, you may:

1. Online manual: Visit the LG website at: <http://gscs-manual.lge.com/Total/HQ/GatewayPage/main.html> or scan the QR code above; or
2. Printable PDF manual: Visit lg.com and search for your model number; or
3. Call or write to customer service as provided in your Limited Warranty.

ENGLISH

MVEM1621*



MFL05772503
Rev.00_122424

www.lg.com

Copyright © 2024 LG Electronics. All Rights Reserved



IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Precautions to Avoid Possible Exposure to Excessive Microwave Energy

- (a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
- (b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the: (1) door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.
- (d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

Safety Messages

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION.

These words mean:



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

WARNING



WARNING

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Technical Safety

- This 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.
- To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy when using the microwave oven, read all instructions before using the appliance.
- Children must not be allowed to play with accessories or hang down from the door or any part of the oven. Doing so can cause serious injury and damage. As with any appliance, close supervision is necessary when used by children.

4 IMPORTANT SAFETY INSTRUCTIONS

- Read and follow the specific **PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY** found on page 2.
- This appliance must be grounded. Connect only to properly grounded outlet. See **“GROUNDING INSTRUCTIONS”** found on **Installation Requirements** section.
- Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
- To avoid electric shock:
 - Do not operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped.
 - Do not immerse cord or plug in water. Keep cord away from heated surfaces.
 - Do not let cord hang over edge of table or counter.
- To reduce the risk of fire in the oven cavity:
 - Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
 - Remove wire twist-ties from paper or plastic bags before placing bag in oven.
 - If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
 - Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.
- Install or locate this appliance only in accordance with the provided installation instructions.
- Some products such as whole eggs and sealed containers – for example, closed glass jars – are able to explode and should not be heated in this oven.
- Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present.
- **THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.**

To reduce the risk of injury to persons:

 - Do not overheat the liquid. Stir the liquid both before and halfway through heating it.
 - Do not use straight-sided containers with narrow necks. Use extreme care when inserting a spoon or other utensil into the container.
 - After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- Do not cover or block any openings on the appliance.
- Do not store this appliance outdoors. Do not use this product near water - for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.
- This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
- When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.
- **HOT CONTENTS CAN CAUSE SEVERE BURNS. DO NOT ALLOW CHILDREN TO USE THE MICROWAVE.** Use caution when removing hot items.

Operation

- Do not use this oven for commercial purposes. It is made for household use only.
- Do not run the oven while it is empty.

- If your oven is dropped or damaged, have it thoroughly checked by a qualified service technician before using it again.
- Take care when the door is opened to avoid injury.
- To avoid improperly cooking some foods:
 - Do not heat any type of baby bottle or baby food. Uneven heating may occur and possibly cause personal injury.
 - Do not heat small-necked containers, such as syrup bottles.
 - Do not deep-fat fry in the microwave oven.
 - Do not attempt home canning in the microwave oven.
- Do not use the oven for the purpose of dehumidification (for example, operating the microwave oven with wet newspapers, clothes, toys, electric devices, plants, soil, pets or any other living matter inside it). The oven must only be used for heating or cooking food. The results of misuse can include safety risks such as fire, burns, or death due to electric shock.
- The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements inside the oven. Children must be kept away unless continuously supervised.
- Do not use recycled paper products. They may contain impurities which may cause sparks and/or fires when used in cooking.
- The door or the outer surface may get hot when the appliance is operating.
- Liquids heated in certain shaped containers (especially cylindrical-shaped containers) may become overheated. The liquid may splash out with a loud noise during or after heating or when adding ingredients (instant coffee, etc.), resulting in harm to the oven and possible injury. In all containers, for best results, stir the liquid several times before heating. Always stir liquid several times between reheatings.
- DO NOT TOUCH HEATING ELEMENTS AND/OR INTERIOR SURFACES OF THE MICROWAVE OVEN.
 - While using the microwave oven or after use or while cleaning the microwave oven, do not allow flammable materials to come into contact with the heating elements and/or interior surfaces of the microwave oven until they have had sufficient time to cool down. Other surfaces, such as the windows of the microwave oven door, the oven lamp, and the cooktop light, can also get hot and may cause burns if not allowed to cool.

Maintenance

- If the door or door seals are damaged, the oven must not be operated until it has been repaired by an authorized service person.
- The oven should be cleaned regularly and any food deposits should be removed. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.
- Do not rinse trays and racks by placing them in water immediately after cooking. This may cause breakage or damage. Improper use could result in damage to the oven.
- Oversized food or oversized metal utensils should not be inserted in a microwave oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.
- Do not allow water to spill into the ventilation openings to prevent damage to the internal working parts of the oven. Doing so may cause a fire or create a risk of electric shock.

Microwave Oven

- Must be installed following the provided installation instructions.
- Secure the cord in the cabinet above the oven.
- Do not tamper with the built-in safety switches on the oven door. The oven has several built-in safety switches to make sure the power is off when the door is open.
- Preserve the oven floor:
 - Do not heat the oven floor excessively.
 - Do not allow the gray film on special microwave-cooking packages to touch the oven floor. Put the package on a microwavable dish.
 - Do not cook anything directly on the oven floor or turntable. Use a microwavable dish.
- Keep a browning dish at least 3/16 inch above the oven floor. Carefully read and follow the instructions for the browning dish. If you use a browning dish incorrectly, you could damage the oven floor.

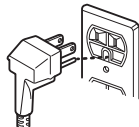
Ventilation

- Burn Hazard: If a range or cooktop located below the microwave is operating, use caution when operating the microwave. **External components of the microwave may become very hot and cause burns or other injury if touched.**
- Clean Ventilating Hoods Frequently – Grease should not be allowed to accumulate on hood or filter.
- When flaming foods under the hood, turn the fan on.
- Use care when cleaning the vent-hood filter. Corrosive cleaning agents, such as lye-based oven cleaners, may damage the filter.
- Suitable for use above both gas and electric cooking equipment 36 inches wide or less.

Grounding Instructions

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

- Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.
 - Do not use an extension cord. If the power supply cord is too short, have a qualified electrician or service person install an outlet near the appliance.
- Ensure that the product is properly grounded before use.



- Keep the electrical power cord dry and do not pinch or crush it in any way.
- For a permanently connected appliance:

This appliance must be connected to a grounded, metallic, permanent wiring system, or an equipment grounding conductor should be run with the circuit conductors and connected to the equipment grounding terminal or lead on the appliance.

WARNING

- Improper use of the grounding can result in a risk of electric shock.
- Do not use an extension cord. If the power supply cord is too short, have a qualified electrician or service person install an outlet near the appliance.

- A short power supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.

NOTE

- Because this appliance fits under the cabinet, it has a short power supply cord. See the separate installation instructions for directions on properly placing the cord.
-

Radio/TV/Wireless Equipment Interference

- Operating the microwave oven near equipment-such as a radio, TV, wireless LAN, Bluetooth devices, medical equipment, or wireless equipment which uses the same frequency, may cause interference. This interference is not an indication of a defect in the product or its operation. The product is safe to use.
- Do not use medical equipment near the microwave oven, as the interference could affect the medical equipment's operation.
- When there is interference, it may be reduced or eliminated by taking the following measures:
 - Clean the door and the sealing surfaces of the oven.
 - Reorient the receiving antenna of the radio, TV, Bluetooth, or other equipment.
 - Relocate the microwave oven in relation to the radio, TV, Bluetooth, or other equipment.
 - Move the microwave oven away from the receiver.
 - Plug the microwave oven into a different outlet so that the microwave oven and receiver are on different branch circuits

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT (U.S.A. ONLY)

- This equipment generates and uses ISM frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with limits for ISM Equipment pursuant to part 18 FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following:
 - Reorient or relocate the receiving antenna of the radio or television.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibility of the user to correct such interference.

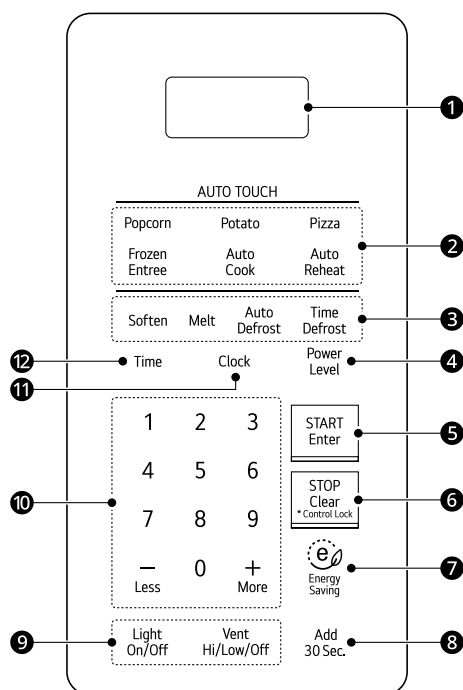
SAVE THESE INSTRUCTIONS

OPERATION

Control Panel

The actual control panel may differ from model to model.

Control Panel Features



1 Display

Shows the time of day, cooking time settings, and selected cooking functions.

2 Quick Cooking

Press the menu button to start cooking without pressing the **START/Enter** button. The oven automatically adjusts cooking times or power levels based on the amount of food.

3 Sensor Functions

Press the buttons to select preprogrammed options for popular food items. The oven automatically adjusts cooking times or power levels based on the amount of food.

4 Power Level

Set a cooking power.

5 START/Enter

- Press **START/Enter** to start the oven or enter amounts.

6 STOP/Clear/Lock

- Press **STOP/Clear** to stop the oven or clear all entries.
- Press and hold **STOP/Clear** for 3 seconds to lock the control panel.

7 Energy Saving

Turn the display on or off.

8 Add 30 Sec.

- This feature allows you to start cooking without pressing **START/Enter**.
- Press **Add 30 Sec.** to cook for 30 seconds at HI.
- Press **Add 30 Sec.** during cooking to increase cook time by 30 seconds. (Add up to 99 minutes and 59 seconds)

9 Light and Vent Functions

- Press **Light On/Off** to turn the cooktop light on or off.
- Press **Vent Hi/Low/Off** to set the vent fan speed.

10 Number Keys and More/Less

- Number Keys:** Press the buttons to set cooking time, power level, quantity, or weight.
- More/Less:** Adjust the pre-programmed cook time.
 - More (+):** Press this button to add ten seconds of cooking time each time you press it.
 - Less (-):** Press this button to subtract ten seconds of cooking time each time you press it.

11 Clock

Press **Clock** to set the time of day.

12 Time

Set a desired cook time manually.

Before Use

Setting the Clock

Set the current time to operate the microwave oven.

- 1 Press **STOP/Clear** and press **Clock**.
- 2 Press the number keys to set the correct time of day, and press **START/Enter**.
 - To switch from AM to PM, press **Clock** until PM appears in the display and press **START/Enter**.

NOTE

- To reset the clock mode, unplug the power cord and plug it back in.

Child Lock

Use this safety feature to lock the control panel before cleaning the oven or to prevent children from unsupervised use of the oven.

Setting Child Lock to ON

- 1 Press **STOP/Clear**.
- 2 Press and hold **STOP/Clear** until **Loc** appears in the display (approximately 4 seconds).

Canceling Child Lock

Press and hold **STOP/Clear** until **Loc** disappears in the display (approximately 4 seconds).

NOTE

- If set, the time of day reappears in the display after 1 second.
- If the oven is locked, **Loc** appears in the display when any key is pressed.
- Unlock the oven to resume normal use.

Energy Saving

When the oven is not in use, the display turns off to save energy, unless the time of day is set to show in the display.

- 1 Press **Energy Saving** to turn the display off.
- 2 Press **Energy Saving** again to turn the display on.

Setting the Cooktop Light

Use the Light settings to adjust the light for the cooktop below the microwave.

- 1 Press **Light On/Off** to turn the light on.
- 2 Press **Light On/Off** again to turn the light off.

Setting the Vent Fan Speed

Use this button to set the vent fan speed. The vent removes steam and other vapors from the cooking surface.

- 1 Press **Vent Hi/Low/Off** once to set the vent speed to high.
- 2 Press **Vent Hi/Low/Off** twice to set the vent speed to low.
- 3 Press **Vent Hi/Low/Off** again to turn the vent off.

NOTE

- Turn the microwave's vent fan on whenever you use the oven range cooktop below it. The fan captures smoke, steam, and odors and also prevents the heat from the cooktop from damaging microwave components.
- If the microwave is cooking, the vent fan turns on automatically if the sensors detect too much heat from the cooktop. This is designed to prevent microwave component damage.

Microwave Power Levels

This microwave oven is equipped with 10 power levels to give you maximum flexibility and control over cooking.

For more details, refer to the online owner's manual.

Quick Start and Stop

Using Quick Start

This feature allows you to start the microwave function without pressing the **START/Enter** button.

Cooking for 2 Minutes on High Power

Press **Add 30 Sec.** four times.

- The oven starts immediately and the time counts down in the display.
- Press **Add 30 Sec.** repeatedly to extend the cook time by 30 seconds every time the button is pressed (up to 99 min 59 seconds).

Interrupting Cooking

- To stop the oven during a cycle, open the door or Press **STOP/Clear** once.
- To restart cooking, close the door and press **START/Enter**.
- To stop the oven and clear the settings during a cycle, press **STOP/Clear** twice.

Manual Cooking

Using Manual Cooking

Unless you are using the auto cooking functions, the cook time and power level must be set manually.

Cooking for 5 Minutes, 30 Seconds at 80% Power

- 1 Press **Time** and press the number keys to set the cook time (**5:30**).
- 2 Press **Power Level**, press the number **8** key to select power level 8, and press **START/Enter**.
 - When cooking is complete, a chime sounds and **End** appears in the display window.

NOTE

- If a power level is not selected, the oven defaults to 100% power.
-

Using Multi-Stage Cooking

Program an item to cook in 2 stages with different power levels and cooking times.

Cooking for 3 Minutes at 80% Power and then at 50% for 7 Minutes

- 1 Press **Time** and enter the first cook time (**3, 0, and 0**).

- 2 Press **Power Level** and enter the power level (**8**).

- 3 Press **Time** and enter the second cook time (**7, 0, and 0**).

- 4 Press **Power Level** and enter the power level (**5**).

- 5 Press **START/Enter**.
 - When the first stage is over, you will hear two short tones as the oven begins the second cook stage.

Cooking Mode

Cook your favorite foods without having to select cooking times and power levels.

Quick Cooking Mode

Press the menu button to start cooking without pressing the **START/Enter** button. The oven automatically adjusts cooking times or power levels based on the amount of food.

For details, refer to the online owner's manual.

Popcorn (3.0 - 3.5 oz.)

- Press **Popcorn** once for 3.0 oz. bag, and twice for 3.5 oz. bag.
 - When the cook time ends, a melody sounds and **End** appears in the display.

Potato (1 - 4 potatoes, 8 oz. per potato)

- Press **Potato** once for each potato (up to 4 potatoes).
 - When the cook time ends, a melody sounds and **End** appears in the display.
 - Standing time: 5 minutes

Pizza (1 - 3 slices, 5 oz. per slice)

- Press **Pizza** once for each slice (up to 3 slices).
 - When the cook time ends, a melody sounds and **End** appears in the display.

Frozen Entree (10 or 20 oz.)

- Press **Frozen Entree** once for 10 oz. package and twice for 20 oz. package.
- When the cook time ends, a melody sounds and **End** appears in the display.

Auto Cook

- 1 Press **Auto Cook** repeatedly until the desired menu code appears in the display.

- 2 Use the number keys to enter the desired amount.
 - When the cook time ends, a melody sounds and **End** appears in the display.

Auto Cook Menu

- **Ac-1 Fresh Vegetable** (1 - 4 cups)
- **Ac-2 Frozen Vegetable** (1 - 4 cups)
- **Ac-3 Rice** (1 - 2 cups)
- **Ac-4 Casserole** (1 - 4 cups)

Auto Reheat

- 1 Press **Auto Reheat** repeatedly until the desired menu code appears in the display.
- 2 Use the number keys to enter the desired amount.
 - When the cook time ends, a melody sounds and **End** appears in the display.

Auto Reheat Menu

- **rh-1 Dinner Plate** (1 serving: 10 oz. or 2 servings: 15 oz.)
- **rh-2 Soup / Sauce** (1 - 4 cups)
- **rh-3 Casserole** (1 - 4 cups)
- **rh-4 Roll / Muffin** (1 - 4 pieces, 2 oz. per piece)

Soften and Melt Mode

The oven uses low power to soften foods or melt foods.

For details, refer to the online owner's manual.

- 1 Press **Soften** or **Melt** repeatedly until the desired menu code appears in the display.

- 2 Use the number keys to enter the desired amount. Then press **START/Enter**.
 - For melt foods, Stir at the end of cycle to complete melting.

Soften Menu

- **1 Butter** (1 - 3 sticks, 1 stick: 4 oz.)
- **2 Ice Cream** (Pint, Quart, Half Gallon)
- **3 Cream Cheese** (3 or 8 oz.)
- **4 Frozen Juice** (6, 12, or 16 oz.)

Melt Menu

- **1 Butter** (1 - 3 sticks, 1 stick: 4 oz.)
- **2 Chocolate** (4 or 8 oz.)
- **3 Cheese** (8 or 16 oz.)
- **4 Marshmallows** (5 or 10 oz.)

Defrost Mode

The oven has 4 preset defrost cycles. The Defrost Menu shows the suggested defrost cycle for various foods. This defrost function conveniently chimes during the cycle to remind you to check, turn over, separate, or rearrange the food.

For details, refer to the online owner's manual.

- 1 Press **Auto Defrost** repeatedly until the desired menu code appears in the display.
- 2 Use the number keys to enter the desired amount. Then press **START/Enter**.
 - At the chime, open the oven door and turn the food over. Remove any food that has thawed. Return the items which are still frozen to the oven, and press **START/Enter** to complete the defrost cycle.

Defrost Menu

- **dEF1 Meat** (0.1 - 6.0 lbs)
- **dEF2 Poultry** (0.1 - 6.0 lbs)
- **dEF3 Fish** (0.1 - 6.0 lbs)
- **dEF4 Bread** (0.1 - 1.0 lbs)

Cookware Guide

Microwave-Safe Cookware

Use microwavable cookware.

For examples, refer to the online owner's manual.

Microwave-Unsafe Cookware

For examples, refer to the online owner's manual. If unsure, test the cookware before use.

Testing Cookware before Use

Most heat resistant and non-metallic cookware is safe for use in your oven. However, some cookware may contain materials that are not suitable for microwave use. Follow the steps below to find out if cookware can be used in the microwave.

- 1** Place the container in question and a glass measuring cup filled with water next to each other inside the oven.
- 2** Heat the container and glass measuring cup for 1 minute at HIGH power.
 - If the water heats up but the container remains cool to the touch, the container is microwave-safe.
 - If the temperature of the water does not change but the container becomes warm, it is not safe for use in the microwave oven.

CAUTION

- Some items with high lead or iron content are not suitable for microwave cooking.
 - Cookware should be checked to ensure that it is suitable for use in the microwave.
 - Always be careful when taking cookware out of the oven. Some dishes absorb heat from the cooked food and may be hot.
-

Precautions

WARNING

- Do not use your microwave oven to cook eggs in the shell. Pressure can build up inside the shell, causing it to burst.
 - Never operate the oven when it is empty. Food or water should always be in the oven during operation to absorb the microwave energy.
-
- To program the oven, press the center of each button firmly. When a button is pressed correctly, a beep sounds and the oven is activated. Do not press several buttons at once.
 - Do not strike the control panel with silverware, utensils, etc. It may be damaged or broken.
 - Always be careful when taking cookware out of the oven. Some dishes absorb heat from the cooked food and may be hot. See the Cookware Guide section for more information.
 - To avoid breakage, allow cookware to cool before rinsing or submerging in water. Always allow the turntable to cool before removing it from the oven.
 - Do not use the oven to dry newspapers or clothes. They may catch fire.
 - Use thermometers that have been approved for microwave oven cooking.
 - The turntable must always be in place when you operate the oven.

Cooking Guide

Cooking Tips

Carefully monitor the food in the microwave oven while it is cooking. Directions given in recipes to elevate, stir, etc., are the minimum steps recommended. If food is overcooked (dry), undercooked, or unevenly cooked, make adjustments before or during cooking to correct the problem.

For more details, refer to the online owner's manual.

TROUBLESHOOTING

FAQs

Frequently Asked Questions

Q: Will the oven be damaged if it operates while empty?

A: Yes. Never operate the oven while it is empty or without the glass tray.

Q: Does microwave energy pass through the viewing screen in the door?

A: No. The metal screen bounces the energy back to the oven cavity. The holes (or ports) allow only light to pass through. They do not let microwave energy pass through.

Q: Why do I see a light reflection around the outer case?

A: This light is from the oven light which is located between the oven cavity and the outer wall of the oven.

Q: What are the various sounds I hear when the oven is operating?

A: The clicking sound is caused by a mechanical switch turning the microwave oven's magnetron ON and OFF.
The heavy hum and clunk is from the change in power the magnetron draws as it is turned ON and OFF by a mechanical switch. The change in blower speed is from the change in line voltage caused by the magnetron being turned ON and OFF.

Q: Can my oven be damaged if food is cooked for too long?

A: Like any other cooking appliance, it is possible to overcook food to the point that the food creates smoke and even possibly fire, and damages the inside of the oven. It is always best to be near the oven while you are cooking.

Q: Why is a standing time recommended after microwave cooking time is over?

A: Standing time allows foods to continue cooking evenly for a few minutes after the actual microwave oven cooking cycle. The amount of standing time depends upon the density of the foods.

Q: Why is additional time required for cooking food stored in the refrigerator?

A: As in conventional cooking, the initial temperature of food affects total cooking time. You need more time to cook food taken out of a refrigerator than for food at room temperature.

Q: Sometimes the door of my oven appears wavy. Is this normal?

A: This appearance is normal and does not affect the operation of your oven.

Q: Why does the glass tray not move?

A: The correct side of the tray should be facing up and the tray should sit firmly on the center hub. The support is not operating correctly. Reinstall the glass tray and restart the oven. Cooking without the glass tray can give you poor results. On some models, the turntable may be turned off. See Setting the Turntable in the Operation section.

Q: Why does the dish become hot when I microwave food in it? I thought that this should not happen.

A: As the food becomes hot it will conduct the heat to the dish. Use hot pads to remove food after cooking.

Q: What does standing time mean?

14 TROUBLESHOOTING

A: Standing time means that food should be taken out of the oven and covered for additional time after cooking. This process allows the cooking to finish, saves energy, and frees the oven for other purposes.

Q: Can I pop popcorn in my oven? How do I get the best results?

A: Yes. Pop packaged microwave popcorn following manufacturer's guidelines or use the preprogrammed Popcorn button.
Do not use regular paper bags. Use the listening test by stopping the oven as soon as the popping slows to a pop every one or two seconds. Do not try to repop unpopped kernels. You can also use special microwave poppers. When using a popper, be sure to follow manufacturer's directions. Do not pop popcorn in glass utensils.

Q: Why does steam come out of the air exhaust vent?

A: Steam is normally produced during cooking. The oven has been designed to vent steam out of the vent.

Q: Why aren't the function buttons working?

A: Make sure that the oven is not in Control Lock mode. "Loc" will show in the display if Control Lock is activated. To deactivate Control Lock, press and hold **STOP/Clear** for three seconds.

LIMITED WARRANTY

USA

TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG ELECTRONICS ("LG") TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

Should your LG Microwave Oven ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG will, at its option, repair or replace the Product. This limited warranty is valid only to the original retail purchaser of the Product ("You") and applies only when purchased lawfully and used within the United States including U.S. Territories.

WARRANTY PERIOD	
Microwave Oven	Inverter Magnetron Only
Parts (internal/functional parts only) and Labor: One (1) year from the date of original retail purchase	Parts Only: Ten (10) years from the date of original retail purchase. You are responsible for any applicable labor cost.

- Replacement Products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement Products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured.
- Replaced Product or part(s) will be the property of LG.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this limited warranty.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE ABOVE LIMITED WARRANTY. UNDER NO CIRCUMSTANCES SHALL LG OR ITS U.S. DISTRIBUTORS/DEALERS BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST GOODWILL, LOST REVENUES OR PROFITS, WORK STOPPAGE, IMPAIRMENT OF OTHER GOODS, COST OF REMOVAL AND REINSTALLATION OF THE PRODUCT, LOSS OF USE, OR ANY OTHER DAMAGES WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. LG'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to deliver, pick up, or install, educate how to operate, correct wiring, or correct unauthorized repairs.
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service.
- Damage or failure of the Product caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.

16 LIMITED WARRANTY

- Damage or failure of the Product resulting from operating the Product in a corrosive atmosphere or contrary to the Product owner's manual.
- Damage or failure of the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of nature, or any other causes beyond the control of LG.
- Damage or failure of the Product caused by unauthorized modification or alteration, or if the Product is used for other than the intended purpose, or any water leakage where the Product was not properly installed.
- Damage or failure of the Product caused by incorrect electrical current, voltage, or plumbing codes.
- Damage or failure of the Product caused by transportation, storage, and/or handling, including scratches, dents, chips, and/or other damage to the finish of the Product, unless such damage is reported within one (1) week of delivery.
- Damage or failure of the Product resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes the use of parts not authorized by LG. Improper installation or maintenance includes installation or maintenance contrary to the Product owner's manual.
- Damage or failure of the Product caused by the use of parts, components, accessories, consumable cleaning products, or any other products or services that were not authorized by LG.
- Damage or missing items to any display or open box Product.
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or similar disclaimer.
- Products with original serial numbers that have been removed, altered, or cannot be readily determined.
- Increases in utility costs and additional utility expenses.
- Any noises associated with normal operation.
- Products used for other than normal and proper household use (e.g., commercial or industrial use) or contrary to the Product owner's manual.
- Costs associated with removal and reinstallation of the Product for repairs, or the removal and reinstallation of the Product if it is installed in an inaccessible location or not installed in accordance with the Product Owner's manual.
- Accessories, removable components, or consumable parts (e.g. Shelves, door bins, drawers, water/air filters, racks, light bulbs, batteries, etc., as applicable), except for internal/functional parts covered under this limited warranty.

The cost of repair or replacement under these excluded circumstances shall be borne by You.

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

Call 1-800-243-0000 and select the appropriate option from the menu.

Or visit our website at <http://www.lg.com>

Or by mail: LG Electronics Customer Service P.O. Box 240007 Huntsville, AL 35813 ATTN: CIC

PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to "LG" mean LG Electronics U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to "dispute" or "claim" shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 111 Sylvan Ave, Englewood Cliffs, NJ 07632. You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice

must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days, either party may proceed to file a claim for arbitration.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after sending written notice to LG, you and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person's or entity's product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association ("AAA") and will be conducted before a single arbitrator under the AAA's Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the "AAA Rules") and under the procedures set forth in this section. The AAA Rules are available online at www.adr.org/consumer. Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for \$25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing <https://>

18 LIMITED WARRANTY

www.lg.com/us/support/repair-service/schedule-repair-continued and clicking on "Find My Model & Serial Number").

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure.

Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

LG Customer Information Center	Centro de Información al Cliente LG	Centre de Service à la Clientèle de LG
For inquiries or comments, visit www.lg.com or call: 1-800-243-0000 U.S.A. 1-888-542-2623 CANADA	Para consultas o comentarios, visite www.lg.com o llame por teléfono: 1-800-243-0000 EE.UU. 1-888-542-2623 CANADÁ	Pour des questions ou des commentaires, visitez www.lg.com/ca_fr ou appelez : 1-800-243-0000 ÉTATS-UNIS 1-888-542-2623 CANADA
Register your product Online!	¡Registre su producto en línea!	Enregistrez votre produit en ligne!
www.lg.com	www.lg.com	www.lg.com/ca_fr