

# owner's manual MICROWAVE OVEN WITH GRILL

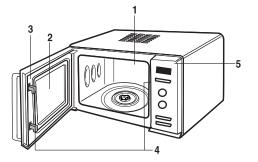
PLEASE READ THIS OWNER'S MANUAL THOROUGHLY BEFORE OPERATING.

MH6337ARW

P/No. : MFL40347426

www.lg.com

## **Oven Parts**



- 1. Front plate
- 2. Viewing window
- 3. Door seal
- 4. Safety lock system

5. Control panel

-6

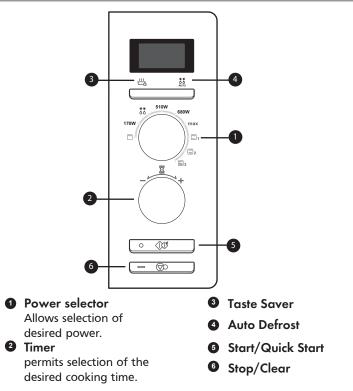
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6. Glass tray

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- 7. Roller rest
- 8. Grill rack

## **Control Panel**



### PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

The oven cannot be operated with the door open due to the safety interlocks built in the door mechanism which switch off cooking functions when the door is opened. Operating the oven with the door open could result in harmful exposure to microwave energy. It is important not to tamper with the door mechanism.

Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

Do not operate the oven if it is damaged. It is particularly important that the oven door closes 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.

The oven should not be adjusted or repaired by anyone except qualified service personnel.

## 

When heating liquids, e.g. soups, sauces and beverages in your microwave oven, delayed eruptive boiling can occur without evidence of bubbling. This could result in a sudden boil over of the hot liquid. To prevent this possibility the following steps should be taken:

- 1. Avoid using straight-sided containers with narrow necks.
- 2. Do not overheat.
- Stir the liquid before placing the container in the oven and again halfway through the heating time.
- After heating, allow to stand in the oven for a short time. Stir or shake the contents (especially feeding bottles and baby foods) and carefully check the temperature before use.

## Installation

1. Remove all packing materials and accessories.

2. Place the oven on a level surface a minimum of 85cm above the floor with at least 30cm above and 10cm rear space to allow adequate ventilation. The side of the oven should be kept clear so there is air flow for ventilation. The front of the oven should be at least 8cm from the edge of the surface to prevent tipping.

An exhaust outlet is located on top or side of the oven. Blocking the outlet can damage the oven.

3. Plug your oven into a standard voltage household outlet. Ensure that the electrical circuit is at least 10 amps (13 amps for models MH6337ARW) and that the oven is the only appliance on the circuit.

### NOTE: • This appliance should not be used for commercial catering purposes.

## WARNING: THIS APPLIANCE MUST BE EARTHED

The wires in the mains lead are coloured in accordance with the following code:

Blue - Neutral

Brown

Green and Yellow - Earth

- Live

If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

## Important safety instructions

### Read carefully and keep for future reference

**WARNING**: Please ensure cooking times are correctly set as over cooking may result in FIRE and subsequent DAMAGE to the OVEN.

- 1 Do not attempt to tamper with, or make any adjustments or repairs to the door, control panel, safety interlock switches or any other part of the oven. It is hazardous for anyone to carry out any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy. Repairs should only be undertaken by a qualified service technician.
- 2 Do not operate the oven when empty. It is best to leave a glass of water in the oven when not in use. The water will safely absorb all microwave energy, if the oven is accidentally started.
- 3 Do not use the oven for the purpose of dehumidification. It can be the cause of serious damage of safety. (ex. Operating the microwave oven with the wet newspapers, clothes, toys, pet or portable electric devices, etc.)
- 4 Do not cook food wrapped in paper towels, unless your cook book contains instructions, for the food you are cooking.
- 5 Do not use newspaper in place of paper towels for cooking.
- 6 Do not use wooden containers. They may heat-up and char. Do not use ceramic containers which have metallic (e.g. gold or silver) inlays. Always remove metal twist ties. Metal objects in the oven may arc, which can cause serious damage.
- 7 Do not operate the oven with a kitchen towel, a napkin or any other obstruction between the door and the front edges of the oven, which may cause microwave energy leakage.
- 8 Do not use recycled paper products since they may contain impurities which may cause sparks and/or fires when used in cooking.
- 9 Do not rinse the turntable by placing it in water just after cooking. This may cause breakage or damage.
- 10 Small amounts of food require shorter cooking or heating time. If normal times are allowed they may overheat and burn.
- 11 Be certain to place the oven so the front of the door is 8 cm or more behind the edge of the surface on which it is placed, to avoid accidental tipping of the appliance.

- 12 Before cooking, pierce the skin of potatoes, apples or any such fruit or vegetable.
- 13 Do not cook eggs in their shell. Pressure will build up inside the egg which will burst.
- 14 Do not attempt deep fat frying in your oven.
- 15 Remove the plastic wrapping from food before cooking or defrosting. Note though that in some cases food should be covered with plastic film, for heating or cooking.
- 16 If the oven door or door seals are damaged, the oven must not be operated until it has been repaired by a qualified service technician.
- 17 If smoke is observed, switch off or disconnect the oven from the power supply and keep the oven door closed in order to stifle any flames.
- 18 When food is heated or cooked in disposable containers of plastic, paper or other combustible materials, check the oven frequently due to the possibility of the food container is deteriorating.
- 19 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.
- 20 Liquids or other foods must not be heated in sealed containers since they are liable to explode.
- 21 Do not operate the oven, if the door seals and adjacent parts of the microwave oven are faulty, until the oven has been repaired by a qualified service technician.
- 22 Check the utensils are suitable for use in microwave ovens before use.
- 23 Do not touch the oven door, outer cabinet, rear cabinet, oven cavity,accessories and dishes during grill mode, convection mode and auto cook operations, unless wearing thick oven gloves, as they will become hot.Before clearing make sure they are not hot.
- 24 Only use utensils that are suitable for use in microwave ovens.
- 25 When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.

## Important safety instructions

- 26 If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- 27 Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handing the container.
- 28 The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.
- 29 Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
- 30 Details for cleaning door seals, cavities and adjacent parts.
- 31 The oven should be cleaned regularly and any food deposits removed.
- 32 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.
- 33 Only use the temperature probe recommended for this oven (for appliances having a facility to use a temperature-sensing probe).

- 34 If heating elements are provided, during use the appliance becomes hot.Care should be taken to avoid touching heating elements inside the oven.
- 35 The appliance is not intended for use by young children or infirm persons without supervision.
- 36 The microwave oven must be operated with the decorative door open.
- 37 This connection may be achieved by having the plug accessible or by incorporation a switc h in the fixed wiring in accordance with the wiring rules.
- 38 Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
- 39 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.

WARNING: If the door or door seals are damaged, the oven must not be
operated until it has been repaired by a competent person.

- WARNING: It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.
- WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode.
- WARNING: 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.
- WARNING: Accessible parts may become hot during use. Young children should be kept away.
- WARNING: When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.

## **Cooking Utensils**

### **COOKING UTENSILS**

Utensils should be checked to ensure that they are suitable for use in the microwave oven. The following chart summarises the proper use of cooking utensils in your oven:

Cooking utensils	Microwave	Grill	
Heat resistant glass, glass ceramic	yes	yes	
Ceramic, china	yes	yes	
	(Do not use china with		
	gold or silver trim.)		
Metal cookware	no	yes	
Non-heat resistant glass	no	no	
Microwave plastic	yes	no	
Plastic wrap	yes	no	
Paper (cup, plates, towels)	yes	no	
Straw, wicker and wood	no	no	

### Microwave

- Most glass, glass ceramic, and heat resistant glassware utensils are excellent. Those with metal trim should not be used in a microwave oven.
- Paper napkins, towels, plates, cups, cartons, and cardboard can be used in the microwave oven. Do not use recycled paper products since they may contain impurities which may cause sparks and/or fires when used in cooking.

(Consult your cookbook for correct use of these products.)

- Plastic dishes, cups, freezer bags, and plastic wraps may be used in the microwave oven. Follow the manufacturer's instructions or the information given in the cookbook when using plastics in the microwave oven.
- 4. Metal utensils and utensils with metallic trim should not be used in the microwave oven. For more information on the proper use of metal in your oven, please read the introduction section in the cookbook. If the use of aluminum foil, skewers, or utensils containing metal in the oven is specified in the recipe, allow at least 2.5cm clearance between the metal object and the interior oven wall. If arcing (sparks) occurs, remove immediately.

### Note:

Consult your cookbook, individual recipes, and charts for correct use of cooking containers, products, and other useful information.

### Grill

- 1. Heat resistant glassware, ceramic and metal cookware can be used.
- 2. Paper napkins, towels, and plastics should not be used.

### Notes:

- Care should be taken when removing utensils or the glass turntable, as they may become hot during cooking.
- Only use a thermometer that is designed or recommended for use in the microwave oven.
- Ensure the turntable is in place when you operate the oven.

## **Other Helpful Instructions**

## For best results and more enjoyable cooking, please read these comments thoroughly.

### For Best Results:

- When determining the time for a particular food, begin by using minimum time and checking condition occasionally. It is easy to overcook food because microwaves cook very quickly.
- Small quantities of food, or foods with low water content may dry out and become hard if cooked too long.

### **Defrosting Frozen Foods:**

- Foods that have been frozen can be placed directly in the oven for thawing. (Be certain to remove any metallic ties or wraps.)
- Defrost according to the Defrosting Tips found in this Manual.
- For areas of the food thawing faster than others, cover with small pieces of aluminium foil. This helps slow down or stop the defrosting process.
- Some foods should not be completely thawed before cooking. For example, fish cooks so quickly that it is sometimes better to begin cooking while still slightly frozen.

 It may be necessary to increase or decrease the cooking time in some recipes, depending on the starting temperature of the foods.

### NOTE:

Air from the vent may become warm during cooking.

### **Browning:**

There are a few foods which are not cooked long enough in the microwave oven to brown and may need additional colour.

Coatings such as paprika, and browning agents such as Worcestershire sauce may be used on chops, meat patties or chicken pieces.

Roasts, poultry or ham, cooked for 10-15 minutes or longer, will brown without extra additives.

## **Cleaning and Care**

## BE SURE THE OVEN IS TURNED OFF BEFORE CLEANING.

Keep the oven interior surfaces clean and dry. As a general rule clean after each use.

### INTERIOR WALLS

Remove any crumbs and food remains between the door and oven using a damp cloth. This area has to be particularly well cleaned to ensure the door will close properly. Remove any grease splashes with a soapy cloth then rinse and dry. Do not use abrasives which may scratch and damage the painted surface of the oven. NEVER POUR WATER INTO THE OVEN

#### **ROLLER REST**

The roller rest should be removed and cleaned in hot soapy water at least once a week to prevent grease restricting the rotation of the wheels.

### DOOR

The door and door seals should be kept clean at all times. Use only warm, soapy water to rinse then dry thoroughly.

do not use abrasive materials, such as cleaning powders or steel and plastic pads.

Metal parts will be easier to maintain if wiped frequently with a damp cloth.

Do not use any steam cleaner.

### EXTERIOR

Clean with mild soap and warm water, rinse and dry with a soft cloth. Do not use abrasive materials. Do not spill water in the vents. If the power lead becomes soiled wipe it with a damp cloth.

### MICROWAVE COOKING

- 1. Open the oven door, place the food on the turntable in the oven, and close the oven door.
- Press stop () . Set the power selector () to the desired power level. There are five power levels. The power selector can be set to any one of these positions.
- Set the timer selector (2) to the desired cooking time. Press start (3). The turntable begins to rotate and cooking starts. At the end of cooking time four short beep sounds, and the lamp is turned off and End will be shown in the display.

### NOTE:

- Opening the door during cooking automatically turns off the oven and stops the timer. If cooking is to continue, close the door and press start() - the oven will turn on and the timer will resume counting.
- The turntable may rotate in either direction.
- To cancel the operation when the oven is cooking, it is advisable to press stop (6).
- Even though the timer selector is not rotating during cooking, the setting time is elapsed. This is not a fault.
- During cooking, change of cooking time is possible, but the power level can't be changed.
- After cooking is over End Reminder Beep sounds per 1 minute for 5 minutes until the oven door is opened.

### WEIGHT DEFROST COOKING

Defrosting frozen food is one of the benefits of a microwave oven. Defrosting using a microwave oven is much faster than in the refrigerator and safer than at room temperature, as it does not promote the growth of harmful bacteria.

It is important to remember that defrosting takes longer than normal cooking. Check the food, turning it over at least once during defrosting.

- 1. Press stop (6).
- 2. Turn the power selector (1) to set the defrosting mode (50 Defrost)
- 3. Turn the timer selector ( 2) clockwise to set the time.
- 4. Press start (5)

### CAUTION:

Be careful when removing your food the container will be hot!

### CLOCK

Warning: Everytime when your oven is plugged in, "24H" appears on the display. It reminds you to set clock. If you want, please operate as below. If not, press

STOP ( 6) to exit clock function.

### SETTING TIME OF DAY

- 1. Turn TIMER (2) to select "12H " or "24H ".
- 2. Press START ( 5 ).
- 3.Turn TIMER (2) to set the hours.
- 4. Press START ( 6 ).
- 5. Turn TIMER (2) to set the minutes.
- 6. Press START ( 6).

## **Operating Procedure**

### TASTE SAVER

You can keep cooked food warm in your microwave oven. This function keeps food warm at a desired temperature level controlled by the heating element.

- 1. Press STOP (() .
- Press TASTE SAVER (③) to select low or high level. "Ho-L " or "Ho-H " will appear on the display.
- 3. Press START (G).
- 4. If you want to quit the function, press STOP(6) twice.

### NOTE:

- \* The TASTE SAVER feature keeps food warm by using a radiant heat element source not a bulb or microwaves.
- \* Food cooked should be covered during TASTE SAVER.
- \* Pastry items (pies, turnovers, etc.) should be uncovered during TASTE SAVER.
- \* Completed meals kept warm on a dinner plate can be covered during TASTE SAVER.
- \* When the function is over, you will hear four tones and "End" will appear in the oven display.

### \Lambda WARNING:

- \* TASTE SAVER function can last for 90 minutes.
- \* The turntable, oven lamp and fan doesn't work during TASTE SAVER.
- \* When the TASTE SAVER function runs, you can press TASTE SAVER (③) to show left time,or press STOP (③) to show warm level, and press START (⑤) to go on.
- The TASTE SAVER function will pause when you open the door. When you close the door, and press START
  (3), the fuction goes on.
- \* TASTE SAVER function can't keep the temperature exactly.
- \* The food's temperature will have small difference depending on cooking time, weight, type of food,etc.

## **Auto Defrost**

The temperature and density of food varies, I would recommend that the food is checked before cooking commences. Pay particular attention to large joints of meat and chicken, some foods should not be completely thawed before cooking. The BREAD programme is suitable for defrosting small items such as rolls or a small loaf. These will require a standing time to allow the centre to thaw. In the following example I will show you how to defrost 1.4 Kg of frozen poultry.

- 1. Press stop ( 6 ).
- 2. Press ( 4) twice to select the **Poultry** defrosting programme.
- 3. Turn( 2) until display shows "1.4 kg".
- 4. Press start (5).

### AUTO WEIGHT DEFROST GUIDE

- \* Food to be defrosted should be in a suitable microwave proof container and place uncovered on the glass turntable.
- \* If necessary, shield small areas of meat or poultry with flat pieces of aluminum foil. This will prevent thin areas becoming warm during defrosting. Ensure the foil does not touch the oven walls.
- \* Separate items like minced meat, chops, sausages and bacon as soon as possible. When BEEP, at this piont remove the food fromthe microwave oven, turn the food over and return to the microwave oven. Press start to continue. At the end of the program, remove the food from the microwave oven, cover with foil and allow to stand until completely thawed. To thaw completely, for example joints of meat and whole chickens should STAND for a minimum of 1 hour before cooking.

Category	Weight Limit	Utensil	Food
Meat Poultry Fish	Meat 0.1 ~ 4.0 kg Microwave Poultry (Flat plate)	Meat Minced beef, Fillet steak, Cubes for stew, Sirloin steak, Pot roast, Rump roast, Beef burger Pork chops, Lamp chops, Rolled roast, Sausage, Cutlets(2cm).Turn food over at beep. After defrosting, let stand for 5-15 minutes. Poultry Whole chicken, Legs, Breasts, Turkey breasts(under 2.0kg) Turn food over at beep. After defrosting, let stand for 20-30 minutes.	
		<b>Fish</b> Fillets, Steaks, Whole fish, Sea foods Turn food over at beep. After defrosting, let stand for 10-20 minutes.	
Bread	0.1 ~ 0.5 kg	Paper towel or flat plate	Sliced bread, Buns, Baguette, etc. Separate slices and place between paper towel or flat plate. Turn food over at beep. After defrosting, let stand for 1-2 minutes.

## **Questions and Answers**

- Q. What's wrong when the oven light will not glow?
- A. Light bulb has blown.
  - Door is not closed.
- Q. Why is steam coming out of the air exhaust vent and/or why is water dripping from the bottom of the door?
- A. Steam is normally produced during cooking operations. The microwave has been made to vent this steam out of the side vent, occasionally this steam condenses on the door and water then drips out at the bottom of the door. This is quite normal and safe.
- Q. Does microwave energy pass through the viewing screen in the door?
- A. No. The metal screen reflects the energy to the oven cavity. The holes, or ports are made to allow light to pass; they do not let microwave energy through.
- Q. Will the microwave oven be damaged if it operates while empty?
- A. Yes. Never run it empty.
- Q. Why do eggs sometimes pop?
- A. When baking or poaching eggs, the yolk may pop due to steam build-up inside the yolk membrane. To prevent this, simply pierce the yolk with a toothpick before cooking. Never cook eggs witthout piercing their shells.
- Q. Why is standing time recommended after the cooking operation has been completed?
- A. Standing time is very important. With microwave cooking, the heat is in the food, not in the oven.

Many foods build up enough internal heat to allow the cooking process to continue, even after the food is removed from the oven. Standing time for joints of meat, large vegetables and cakes is to allow the inside to cook completely, without overcooking the outside.

- Q. Why does my oven not always cook as fast as the microwave cooking guide says?
- A. Check your cooking guide again, to make sure you've followed directions exactly; and to see what might cause variations in cooking time. Cooking guide times and heat settings are suggestions, to help prevent over-cooking . . . the most common problem in getting used to a microwave oven. Variations in the size, shape and weights and dimensions could require longer cooking time. Use your own judgement along with the cooking guide suggestions to check whether the food has been properly cooked just as you would do with a conventional cooker.
- Q. Why do sparks and crackling (arcing) occur in the oven?
- A. There may be several reasons why sparks and crackling (arcing) within cavity happens.
  - You are using dishes with metal parts or trim (silver or gold).
  - You have left a fork or other metal utensil in the oven.
  - You are using a large amount of metal foil.
  - You are using a metal twist-tie.

## **Technical Specifications**

	MH6337ARW
Power Input	230 V AC, 50 Hz
Output (IEC 60705 RATING STANDARD)	850 Watts
Microwave Frequency	2450 MHz
Outside Dimensions (W x H x D mm)	507 x 283 x 435
Power Consumption	
Microwave	1250 Watts
Grill	1000 Watts
Combination	2200 Watts

• Dimensions shown are approximate.

• Because we continually strive to improve our products we may change specifications without prior notice.

#### <English>

### **፬ Disposal of your old appliance**

- 1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
- All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- 3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
- 4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.