

OWNER'S MANUAL

MICROWAVE OVEN

Please read this manual carefully before operating your set and retain it for future reference.

MS2025DB

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How the Microwave Function Works

Microwaves are a form of energy similar to radio, television waves, and ordinary daylight. Normally, microwaves spread outwards as they travel through the atmosphere and disappear without effect.

This oven, however, has a magnetron that is designed to make use of the energy in microwaves. Electricity, supplied to the magnetron tube, is used to create microwave energy.

These microwaves enter the cooking area through openings inside the oven. A tray is located inside the oven. Microwaves cannot pass through metal walls of the oven, but they can penetrate such materials as glass, porcelain and paper, the materials out of which microwave-safe cooking dishes are constructed.

Microwaves do not heat cookware, though cooking vessels will eventually get hot from the heat generated by the food.

A very safe appliance

Your Microwave oven, is one of the safest of all home appliances. When the door is opened, the oven automatically stops producing microwaves. Microwave energy is converted completely to heat when it enters food, leaving no "left over" energy to harm you when you eat your food.

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS/READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

Read and follow all instructions before using your oven to prevent the risk of fire, electric shock, personal injury, or damage when using the oven. This guide does not cover all possible conditions that may occur. Always contact your service agent or manufacturer about problems that you do not understand.

WARNING

This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word "WARNING" or "CAUTION". These word means:

WARNING

This symbol will alert you to hazards or unsafe practices which could cause serious bodily harm or death.

CAUTION

This symbol will alert you to hazards or unsafe practices which could cause bodily injury or property damage.

WARNING

1. **Do not attempt to tamper with, or make any adjustments or repairs to the door, door seals, control panel, safety interlock switches or any other part of the oven which would involve the removal of any cover protecting against exposure to microwave energy. Do not operate the oven if the door seals and adjacent parts of the microwave oven are faulty. Repairs should only be undertaken by a qualified service technician.**
 - Unlike other appliances, the microwave oven is a high-voltage and a high electrical-current piece of equipment. Improper use or repair could result in harmful exposure to excessive microwave energy or in electric shock.
2. **Do not use the oven for the purpose of dehumidification. (ex. Operating the microwave oven with wet newspapers, clothes, toys, electric devices, pet or child etc.)**
 - It can be the cause of serious damage to safety such as a fire, a burn or a sudden death due to an electric shock.

WARNING

3. **The appliance is not intended for use by young children or elderly persons. 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.**
 - Improper use may cause damage such as a fire, electric shock or burn.
4. **Accessible parts may become hot during use. Young children should be kept away.**
 - They may get a burn.

 **WARNING**

5. **Liquids or other foods must not be heated in sealed containers since they are liable to explode. 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.**
- They could burst.

 **WARNING**

6. **Do not operate your 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.**
- It could result in harmful exposure to excessive microwave energy.
7. **Be certain to use proper accessories on each operation mode, refer to the guide on page 8.**
- Improper use could result in damage to your oven and accessories, or could make spark and a fire.
8. **The children should not allow to play with accessories or hang down from the door handle.**
- They may get hurt.
9. **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.**
- It could result in harmful exposure to excessive microwave energy.
10. **When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.**

 **CAUTION**

1. **You cannot operate your oven with the door open due to the safety interlocks built into the door mechanism. It is important not to tamper with the safety interlocks.**
- It could result in harmful exposure to excessive microwave energy. (Safety interlocks automatically switch off any cooking activity when the door is opened).
2. **Do not place any object (such as kitchen towels, napkins, etc.) between the oven front face and the door or allow food or cleaner residue to accumulate on sealing surfaces.**
- It could result in harmful exposure to excessive microwave energy.
3. **Please ensure cooking times are correctly set, small amounts of food require shorter cooking or heating time.**
- Over cooking may result in the food catching on fire and subsequent damage to your oven.
4. **When heating liquids, e.g. soups, sauces and beverages in your microwave oven,**
- * **Do not overheat.**
 - * **Stir the liquid before placing the container in the oven and again halfway through the heating time.**
 - * **After heating, let it stand in the oven for a short time; stir or shake it again carefully and check the temperature of it before consuming to avoid burns (especially, contents of feeding bottles and baby food jars).**
- Be careful when handling the container. Microwave heating of beverages can result in delayed eruptive boiling without evidence of bubbling. This could result in hot liquids suddenly boiling over.
5. **An exhaust outlet is located on the top, bottom or side of the oven. Don't block the outlet.**
- It could result in damage to your oven and poor cooking results.
6. **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.**
- Improper use could result in damage to your oven.
7. **Do not cook food wrapped in paper towels, unless your cook book contains instructions for the food you are cooking. And do not use newspaper in place of paper towels for cooking.**
- Improper use can cause an explosion or a fire.
8. **Do not use wooden containers and ceramic containers that have metallic (e.g. gold or silver) inlays. Always remove metal twist ties. Check that the utensils are suitable for use in microwave ovens before use.**
- They may heat-up and char. Metal objects in particular may arc in the oven, which can cause serious damage.
9. **Do not use recycled paper products.**
- They may contain impurities which may cause sparks and/or fires when used in cooking.
10. **Do not rinse the tray and rack by placing it in water just after cooking. This may cause breakage or damage.**
- Improper use could result in damage to your oven.

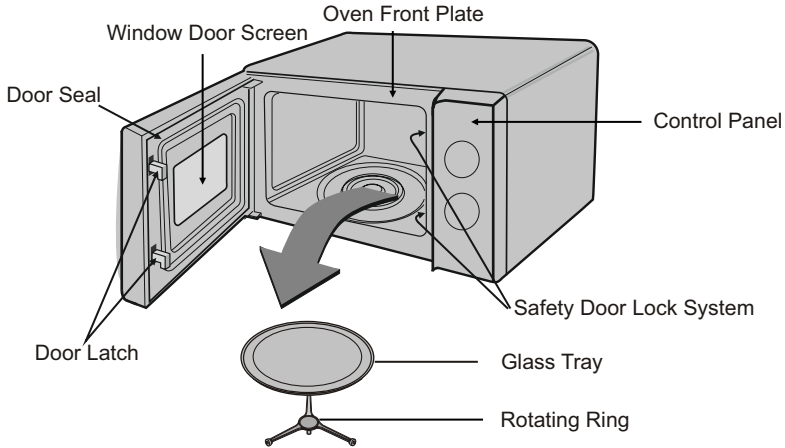
11. **Be certain to place the oven so the front of the door is 8 cm or more behind the edge of the surface on which it is placed, to avoid accidental tipping of the appliance.**
 - Improper use could result in body injury and oven damage.
12. **Before cooking, pierce the skin of potatoes, apples or any such fruit or vegetables.**
 - They could burst.
13. **Do not cook eggs in their shell. Eggs in their shell and whole hardboiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.**
 - Pressure will build up inside the egg which will burst.
14. **Do not attempt deep fat frying in your oven.**
 - This could result in a sudden boil over of the hot liquid.
15. **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.**
 - It can cause serious damage such as a fire or electric shock.
16. **When food is heated or cooked in disposable containers made of plastic, paper or other combustible materials, keep an eye on the oven and check it frequently.**
 - Your food may be poured due to the possibility of container deterioration, which also can cause a fire.
17. **The temperature of accessible surfaces may be high when the appliance is operating. Do not touch the oven door, outer cabinet, rear cabinet, oven cavity, accessories and dishes during grill mode, convection mode and auto cook operations, before cleaning make sure they are not hot.**
 - As they will become hot, there is the danger of a burn unless wearing thick culinary gloves.
18. **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. This could adversely affect the life of the appliance and possibly result in a hazardous situation.
19. **If there are heating elements, the appliance becomes hot during use. Care should be taken to avoid touching the heating elements inside the oven.**
 - There is danger of a burn.
20. **Follow exact directions given by each manufacturer for their popcorn product. Do not leave the oven unattended while the corn is being popped. If corn fails to pop after the suggested times, discontinue cooking. Never use a brown paper bag for popping corn. Never attempt to pop leftover kernels.**
 - Overcooking could result in the corn catching a fire.
21. **Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass.**
 - They can scratch the surface, which may result in the glass shattering.
22. **This oven should not be used for commercial catering purposes.**
 - Improper use could result in damage to your oven.
23. **The connection may be achieved by having the plug accessible or by incorporating a switch in the fixed wiring in accordance with the wiring rules.**
 - Using improper plug or switch can cause an electric shock or a fire.
24. **Microwave oven must not be placed inside a cabinet. The microwave oven shall be used freestanding.**
25. **The appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised.**
26. **Children should be supervised to ensure that they do not play with the appliance.**
27. **Oven Lamp power rating is 35W.**
28. **If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.**
29. **The appliance is not intended to be operate by means of an external timer or separate remote-control system.**
30. **Ajinomoto (Mono-sodium glutamate) is only a flavor enhancer and shall not be added to food for infants below 12 month of age.**

SAFETY PRECAUTIONS

- ✦ Use exclusive 230V socket with earth.
- ✦ Do not bend power cord forcefully or break.
- ✦ Do not pull out power cord.
- ✦ Do not use several power plug in one socket at the same time.
- ✦ Do not plug in or pull out power cord with wet hand.
- ✦ Do not spray water inside and outside of microwave oven.
- ✦ Plug out power cord during cleaning or maintenance of oven.
- ✦ Do not heat up the food more than necessary.
- ✦ Do not use microwave oven other than cooking or sterilization such as cloth drying etc.
- ✦ Do not insert pin or steel wire etc. into inside/out side of case.
- ✦ Please be careful during taking the food since high temp. water or soup may overflow to cause burn.
- ✦ Do not plug in power cord when socket hole is loose or plug is damaged.
- ✦ Do not use oven while some foreign material is attached on the door.
- ✦ Do not place the water container on the oven.
- ✦ Do not place heavy things on the oven & do not cover the set with cloth while using.
- ✦ Do not install the oven in the damp space or water sputtering area.
- ✦ Do not let children hang onto oven door.
- ✦ Do not heat the unpeeled fruit or bottle with lid.
- ✦ Do not hold food or accessories as soon as cooking is over.
- ✦ Plug out power cord if it is not used for long duration.
- ✦ Install microwave oven in the well ventilated, flat place.

There is danger of blast if covered bottle, sealed food, egg, and chestnut etc. are cooked inside oven.

Features Diagram



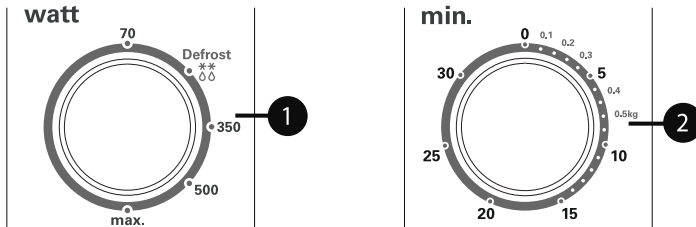
Disclaimer : This is only graphical representation of actual product

Remove your oven and all material from shipping carton.
Your oven will be packed with the following material.

- Glass Tray 1 Each
- Rotating Ring 1 Each
- Owner's manual 1 Each

This microwave oven is designed for household use only. It is not recommended for commercial purpose.

Control Panel



MS2025DB

- 1** Power Knob
 - To set the power level

- 2** Time Knob
 - To set the time

Installation

Install your oven by the following three simple steps:

1. Remove all packing materials and accessories.
2. Place the oven in the level location of your choice but make sure there is at least 10 cm of space on the top and at the rear for proper ventilation. The side of the oven should be kept clear so there is airflow for ventilation.
An exhaust outlet is located on top or side of the oven. Blocking the outlet can damage the oven.
1. Plug your oven into a standard household outlet. Be sure the electrical circuit is at least 15 A or above and that your microwave oven is the only appliance on the circuit.

Note

- **If your oven does not operate properly, unplug it from the household outlet and then plug it back in.**
- **This appliance should not be used for commercial catering purposes.**

Operation Check

After unpacking this appliance, examine the new oven for evidence of shipping damage. This is most important since a damaged oven may allow the escape of microwave energy. Make sure you remove all packing from the microwave cavity. Refer the Owner's Manual for checking oven operation after unpacking the unit or if oven is not working properly.

1. Plug the power cord into an earthed electrical socket.
2. Place the rotating ring & glass tray inside the oven cavity.
3. Place a cup of water (at room temperature) inside the oven, on the glass tray.
4. Close the door securely.
5. Turn the POWER SELECT KNOB to max.
6. Set the Timer for 3 to 4 minutes (note, the oven lamp turns ON and microwave activity starts)
7. When the cooking time has elapsed, the signal will sound (note, the oven lamp turns off and all microwave activity stops.)
8. If the oven is operating normally the water will be hot.

Operating Procedure

This microwave oven is designed to be simple and easy to operate. Please follow these instruction carefully.

1. Place the food in a suitable cooking utensil. Open the microwave oven door and place the utensil in the centre of the oven on the glass tray.
2. Close the oven door.
3. Select the desired power level depending on the food to be cooked.
For your information the setting provide the following power levels:

MS2025DB
<ul style="list-style-type: none">• Max• 500• 350• Defrost• 70

(All figures are quoted as an approximate percentage of the full available power).

Operating Procedure

4. Turn the TIMER KNOB clockwise to set the cooking time.

NOTE: The oven starts cooking as soon as the timer knob is turned. Each number represents minutes. To ensure accurate timing, it is advisable to turn the timer knob slightly passed the desired cooking time and then back to the proposed setting.

5. When the TIMER reaches 0(zero) the signal sound and the oven will automatically shut off.

6. Open the door and remove the food from the oven.

7. To stop cooking before the timer reaches zero, either open the door or simply turn the timer to zero.

NOTE: The door can be opened during the cooking process by pulling the door pocket. The timer will stop and the microwave activity will cease. When the door is closed cooking will resume until the full cooking time has elapsed. After cooking has finished, the timer will be at zero.

Weight Defrost Guide

Defrosting frozen food is one of the benefits of a microwave oven. Microwave oven defrosting is much faster than refrigerator defrosting and safer than room temperature defrosting, since 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. Turn the power select knob to set the defrosting mode.

2. Turn the timer knob clockwise to set the weight of food.

NOTE: The oven starts working as soon as the timer knob is turned. Each number of weight scale represents **kg**.

Microwave Power Level

Power Level (Watt)	Use
MS2025DB	
Max	<ul style="list-style-type: none"> ● Boil Water ● Brown minced meat ● Cook poultry pieces, fish, vegetables ● Cook tender cuts of meat
500	<ul style="list-style-type: none"> ● All reheating ● Cook mushrooms and shellfish ● Cook foods containing cheese and egg
350	<ul style="list-style-type: none"> ● Bake cakes and scones ● Prepare egg ● Cook custard ● Prepare rice, soup
Defrost	<ul style="list-style-type: none"> ● All thawing ● Melt butter and chocolate ● Cook less tender cuts of meat
70	<ul style="list-style-type: none"> ● Soften butter & cheese ● Soften ice cream ● Raise yeast dough

Cooking Utensils

Most glass, glass ceramic and heat resistant glassware utensils are excellent. Those with metallic trim must not be used in microwave oven.

Any utensil used for microwave cooking must be capable of withstanding very high temperatures, from the food. There are many heat resisting utensils, of paper or plastic, available which can be used in both microwave and conventional ovens.

Containers made of pottery, stoneware & ceramic are usually fine for use in microwave function, but they should be tested to be sure.

Metal containers and deep trays are not suitable. They reflect energy away from the food. Foil lined cartons are similarly, unsuitable.

To Clean Your Oven

To Clean Your Oven

1 Keep the inside of the oven clean

Food spatters or spilled liquids stick to oven walls and between the seal and door surfaces. It is best to wipe up spillovers with a damp cloth right away. Crumbs and spillovers will absorb microwave energy and lengthen cooking times. Use a damp cloth to wipe out crumbs that fall between the door and the frame. It is important to keep this area clean to assure a tight seal. Remove greasy spatters with a soapy cloth then rinse and dry. Do not use harsh detergent or abrasive cleaners. The multicook tawa (model specific) can be washed by hand or in the dishwasher.

2 Keep the outside of the oven clean

Clean the outside of your oven with soap and water then with clean water and dry with a soft cloth or paper towel. To prevent damage to the operating parts inside the oven, the water should not be allowed to seep into the ventilation openings. To clean control panel, open the door to prevent the oven from accidentally starting, and wipe a damp cloth followed immediately by a dry cloth.

- 3 If steam accumulates inside or around the outside of the oven door, wipe the panels with a soft cloth. This may occur when the oven is operated under high humidity conditions and in no way indicates a malfunction of the unit.
- 4 The door and door seals should be kept clean. Use only warm, soapy water, rinse then dry thoroughly. DO NOT USE ABRASIVE MATERIALS, SUCH AS CLEANING POWDER OR STEEL AND PLASTIC PADS. Metal parts will be easier to maintain if wiped frequently with a damp cloth.
- 5 Do not use steam cleaners.
- 6 Unplug your oven from the electrical socket when you clean control panel with wet cloth or spray water on control panel/knob to clean.

Questions & Answers

FAQ	Answer
What's wrong when the oven light will not glow?	There may be several reasons why the oven light will not glow. Either the light bulb has blown or the electric circuit has failed.
Does microwave energy pass through the viewing screen in the door?	No. The holes, or ports, are made to allow light to pass; they do not let microwave energy through.
Will the microwave function be damaged if it operates empty?	Yes. Never run it empty.
Why do eggs sometimes pop?	When baking, frying, or poaching eggs, the yolk may pop due to steam build up inside the yolk membrane. To prevent this, simply pierce the yolk before cooking. Never microwave eggs in the shell.
Why is standing time recommended after microwave cooking is over?	After microwave cooking is finished, food keeps on cooking during standing time. This standing time finishes cooking evenly throughout the food. The amount of standing time depends on the density of the food.
Why doesn't my oven always cook as fast as the cooking guide says?	Check your cooking guide again to make sure you've followed directions correctly, and to see what might cause variations in cooking time. Cooking guide times and heat settings are suggestions, chosen to help prevent overcooking, the most common problem in getting used to this oven. Variations in the size, shape, weight and dimensions of the food require longer cooking time. Use your own judgment along with the cooking guide suggestions to test food conditions, just as you would do with a conventional cooker.



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