



MG11H2020CT
MG14H3020CM

Microwave Oven

Owner's Instructions & Cooking Guide

imagine the possibilities

Thank you for purchasing this Samsung product.

Please be advised that the Samsung warranty does NOT cover service calls to explain product operation, correct improper installation, or perform normal cleaning or maintenance.

**Planet
First** **100 %
Recycled Paper**

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SAMSUNG

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safety information

Congratulations on your new Samsung microwave oven. This manual contains important information on the installation, use and care of your appliance. Please take time to read this manual to take full advantage of your microwave oven's many benefits and features.

WHAT YOU NEED TO KNOW ABOUT SAFETY INSTRUCTIONS

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your microwave oven.

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 the sealing surface.
- 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 surface.
- D.** Only properly qualified service personnel should adjust or repair the oven. Do not attempt to adjust or repair the oven yourself.

IMPORTANT SAFETY SYMBOLS AND PRECAUTIONS

What the icons and signs in this user manual mean:



WARNING

Hazards or unsafe practices that may result in **severe personal injury or death**.

SAVE THESE INSTRUCTIONS



Hazards Hazards or unsafe practices that may result in **minor personal injury or property damage.**



To reduce the risk of fire, explosion, electric shock, or personal injury when using your microwave oven, follow these basic safety precautions.



Do NOT attempt.



Unplug the power plug from the wall socket.



Do NOT disassemble.



Make sure the machine is grounded to prevent electric shock.



Do NOT touch.



Call the service center for help.



Follow directions explicitly.



Note

These warning signs are here to prevent injury to you and others. Please follow them explicitly. After reading this section, keep it in a safe place for future reference.

IMPORTANT SAFETY INSTRUCTIONS

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



WARNING

To reduce risk of burns, electric shock, fire, personal injury or exposure to excessive microwave energy:

1. Read all safety instructions before using the appliance.
2. Read and follow the specific "Precautions to avoid possible exposure to excessive microwave energy" on page 2.
3. This appliance must be grounded. Connect only to properly grounded outlets. See Important "Grounding instructions" on page 4 of this manual.

4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs and sealed containers (for example, closed glass jars) can explode if heated rapidly. Never heat them in a microwave oven.
6. Use this appliance only for its intended use as described in the manual. Do not put corrosive chemicals or vapors in or on this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
7. As with any appliance, close supervision is necessary when it is used by children. Keep children away from the door when opening or closing it as they may bump themselves on the door or catch their fingers in the door.
8. 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.
9. This appliance should be repaired or serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
10. Do not cover or block any openings on the appliance.
11. Do not tamper with or make any adjustments or repairs to the door.
12. 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.
13. Do not immerse the cord or plug in water.
14. Keep the cord away from heated surfaces. (including the back of the oven).
15. Do not let the cord hang over edge of table or counter.
16. When cleaning surfaces of the door and oven that come together when the door closes, use only mild, nonabrasive soaps, or detergents applied with a sponge or soft cloth. Unplug the plug before cleaning.

SAVE THESE INSTRUCTIONS

17. To reduce the risk of fire in the oven cavity:

- a. Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- b. Remove wire twist-ties from paper or plastic bags before placing the bags in the oven.
- c. If materials inside the oven ignite, keep the oven door closed, turn the oven off, and disconnect the power cord, or shut off the power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.
- d. Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

18. Liquids, such as water, milk, coffee, or tea can 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:

- a. Do not overheat liquid.
- b. Stir liquid both before and halfway through heating it.
- c. Do not use straight-sided containers with narrow necks.
- d. After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- e. Use extreme care when inserting a spoon or other utensil into the container.

19. Oversized foods or oversized metal utensils should not be inserted in microwave / toaster oven as they may create a fire or electric shock.

20. Do not clean with metal scouring pads. Piece can burn off the pad and touch electrical parts involving a risk of electric shock.

21. Do not use paper products when appliance is operated in the toaster mode.

22. Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.

23. Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

SAVE THESE INSTRUCTIONS



CAUTION

CAUTION

1. Over The Range model Only

- Clean Ventilating Hoods Frequently - Grease should not be allowed to accumulate on the hood of the 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 cleaner, may damage the filter.

2. Push Button type model Only

- Pre-caution for safe use to avoid possible exposure to excessive microwave energy : Do not attempt to pull any part of the door by hand to open the door. Open the door only utilizing the push button located at front-right-bottom side.

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 electrical current. This appliance is equipped with a cord that includes a grounding wire and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.



WARNING

WARNING

Improper use of the grounding plug can result in a risk of electric shock.

- Plug into a grounded 3 prong outlet. Do not remove the third (grounding) prong. Do not use an adaptor or otherwise defeat the grounding plug.
- Consult a qualified electrician or service person if you do not understand the grounding instructions or if you are not sure if the appliance is properly grounded.
- We do not recommend using an extension cord with this appliance. If the power-supply cord is too short, have a qualified electrician or serviceman install an outlet near the appliance. However, if it is necessary to use an extension cord, read and follow the "Use of Extension Cords" section below.

USE OF EXTENSION CORDS

A short power-supply cord is provided to reduce the risk of your becoming entangled in or tripping over a longer cord. Longer cord sets or extension cords are available and you can use them if you exercise care. If you use a long cord or extension cord:

1. The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
2. The extension cord must be a grounding-type 3-wire cord and it must be plugged into a 3-slot outlet.
3. The longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over accidentally. If you use an extension cord, the interior light may flicker and the speed of the blower may vary when the microwave oven is on. Cooking times may be longer too.



WARNING

CRITICAL INSTALLATION WARNINGS



The installation of this appliance must be performed by a qualified technician or service company.

- Failing to have a qualified technician install the oven may result in electric shock, fire, an explosion, problems with the product, or injury.

Unpack the oven, remove all packaging material and examine the oven for any damage such as dents on the interior or exterior of the oven, broken door latches, cracks in the door, or a door that is not lined up correctly. If there is any damage, do not operate the oven and notify your dealer immediately.

Make sure to install your oven in a location with adequate space.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

- Unplug the power plug and clean it with a dry cloth.
- Failing to do so may result in electric shock or fire.



Plug the power cord into a properly grounded 3 pronged outlet. Your oven should be the only appliance connected to this circuit.

- Sharing a wall socket with other appliances, using a power strip, or extending the power cord may result in electric shock or fire.
- Do not use an electric transformer. It may result in electric shock or fire.
- Ensure that the voltage, frequency and current provided match the product's specifications. Failing to do so may result in electric shock or fire.

Keep all packaging materials out of the reach of children. Children may use them for play.



This appliance must be properly grounded. Read and follow the specific "Grounding instructions" found in the beginning of this Section. Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- This may result in electric shock, fire, an explosion, or problems with the product.
- Never plug the power cord into a socket that is not grounded correctly and make sure that it is grounded in accordance with local and national codes.

Do not cut or remove the third (ground) prong from the power cord under any circumstances.

Connect the oven to a 20A circuit. If you connect the oven to a 15A circuit, make sure that the circuit breaker is operable.



Do not install this appliance in a humid, oily, or dusty location, or in a location exposed to direct sunlight or water (rain drops).

- This may result in electric shock or fire.

Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord, or loose wall socket.

- This may result in electric shock or fire.

SAVE THESE INSTRUCTIONS

English - 5

- ❑ Do not mount over a sink.
Do not pull or excessively bend the power cord.
Do not twist or tie the power cord.

Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.
 - This may result in electric shock or fire.
- Do not pull the power cord when you unplug the oven.
 - Unplug the oven by pulling the plug only.
 - Failing to do so may result in electric shock or fire.
- 🔧 When the power plug or power cord is damaged, contact your nearest service center for a replacement or repair.



CAUTION

INSTALLATION CAUTIONS

- ★ Position the oven so that the plug is easily accessible.
 - Failing to do so may result in electric shock or fire due to electric leakage.
- 🔌 Unplug the oven when it is not being used for long periods of time or during a thunder/lightning storm.
 - Failing to do so may result in electric shock or fire.



WARNING

CRITICAL USAGE WARNINGS

- ★ If the microwave appliance is flooded, please contact your nearest service center. Failing to do so may result in electric shock or fire.
Read and follow the specific "Precautions to Avoid Possible Exposure to Excessive Microwave Energy", found in the beginning of this Safety Information Section.

- ★ If the microwave generates a strange noise, a burning smell or smoke, unplug it immediately and contact your nearest service center.
 - Failing to do so may result in electric shock or fire.
- In the event of a gas leak (propane gas, LP gas, etc.), ventilate the room immediately. Do not touch the microwave, power cord, or plug.
 - Do not use a ventilating fan.
 - A spark may result in an explosion or fire.
- Take care that the door or any of the other parts do not come into contact with your body while cooking or just after cooking.
 - Failing to do so may result in burns.
- In the event of a grease fire on the surface units below the oven, smother the flaming pan on the surface unit by covering the pan completely with a lid, a cookie sheet, or a flat tray.
- Never leave surface units beneath your oven unattended at high heat settings. Boil overs cause smoking and greasy spillovers that may ignite and spread if the vent fan is operating. To minimize automatic fan operation, use adequate sized cookware and use high heat on surface units only when necessary.
- If materials inside the oven should ignite, keep the oven door closed, turn the oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.
 - Always observe Safety Precautions when using your oven. Never try to repair the oven on your own. There is dangerous voltage inside. If the oven needs to be repaired, contact an authorized service center near you.

SAVE THESE INSTRUCTIONS

English - 6



Do not attempt to repair, disassemble, or modify the appliance yourself.

- Because a high voltage current enters the product chassis during operation, opening the chassis can result in electric shock or fire.
- You may be exposed to electromagnetic waves.
- When the oven requires repair, contact your nearest service center.



If any foreign substance such as water enters the microwave, unplug it and contact your nearest service center.

- Failing to do so may result in electric shock or fire.



Do not touch the power plug with wet hands.

- This may result in electric shock.

Do not turn the appliance off by unplugging the power plug while the appliance is in operation.

- Plugging the power plug into the wall socket again may cause a spark and result in electric shock or fire.

Keep all packaging materials well out of the reach of children. Packaging materials can be dangerous to children.

- If a child places a bag over its head, the child can suffocate.

Do not let children or any person with reduced physical, sensory or mental capabilities use this appliance unsupervised.

Make sure that the appliance is out of the reach of children.

- Failing to do so may result in electric shock, burns or injury.

Do not touch the inside of the appliance immediately after cooking. The inside of the appliance will be hot.

- The heat on the inside of the oven can cause burns.

Do not put aluminum foil (except as specifically directed in this manual), metal objects (such as containers, forks, etc.) or containers with golden or silver rims into the microwave.

- These objects can cause sparks or a fire.

SAVE THESE INSTRUCTIONS



Do not use or place flammable sprays or objects near the oven.

- Heat from the microwave can cause flammable sprays to explode or burn.
- Failing to do so may result in electric shock or injury.

Do not tamper with or make any adjustments or repairs to the door. Under no circumstances should you remove the outer cabinet.

Do not store or use the oven outdoors.

USAGE CAUTIONS



If the surface of the microwave is cracked, turn it off.

- Failing to do so may result in electric shock.

Dishes and containers can become hot. Handle with care.

Hot foods and steam can cause burns. Carefully remove container coverings, directing steam away from your hands and face.

Remove lids from baby food before heating. After heating baby food, stir well to distribute the heat evenly. Always test the temperature by tasting before feeding the baby. The glass jar or surface of the food may appear to be cooler than the food in the interior, which can be so hot that it will burn the infant's mouth.

Make sure all cookware used in the oven is suitable for microwaving.

Use microwavable cookware in strict compliance with such manufacturer's recommendations.



Do not stand on top of the microwave or place objects (such as laundry, oven covers, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

- Items, such as a cloth, may get caught in the door.
- This may result in electric shock, fire, problems with the product, or injury.



Do not operate the appliance with wet hands.

- This may result in electric shock.

Do not spray volatile material such as insecticide onto the surface of the appliance.

- As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.

Do not place the appliance over a fragile object such as a sink or glass object.

- This may result in damage to the sink or glass object.

Do not put your face or body close to the appliance while cooking or when opening the door just after cooking.

- Take care that children do not come too close to the appliance.
- Failing to do so may result in children burning themselves.

Do not place food or heavy objects over the door when opening the door.

- The food or object may fall and this may result in burns or injury.

Do not abruptly cool the door, the inside of the appliance, or the dish by pouring water over it during or just after cooking.

- This may result in damage to the appliance. The steam or water spray may result in burns or injury.

Do not cook without the glass tray in place on the oven floor. Food will not cook properly without the tray.

Do not defrost frozen beverages in narrow-necked bottles. The containers can break.

Do not scratch the glass of the oven door with a sharp object.

- This may result in the glass being damaged or broken.

Do not store anything directly on top of the appliance when it is in operation.

Do not use sealed containers. Remove seals and lids before use. Sealed containers can explode due to buildup of pressure even after the oven has been turned off.

SAVE THESE INSTRUCTIONS



WARNING

CRITICAL CLEANING INSTRUCTIONS

Do not clean the appliance by spraying water directly onto it.

Do not use benzene, thinner, or alcohol to clean the appliance.

- This may result in discoloration, deformation, damage, electric shock, or fire.

Before cleaning or performing maintenance, unplug the appliance from the wall socket and remove food waste from the door and cooking compartment.

- Failing to do so may result in electric shock or fire.

Take care not to hurt yourself when cleaning the appliance. (external/internal)

- You may hurt yourself on the sharp edges of the appliance.

Do not clean the appliance with a steam cleaner.

- This may result in corrosion.

Keep the inside of the oven clean. Food particles or spattered oils stuck to the oven walls or floor can cause paint damage and reduce the efficiency of the oven.



WARNING

STATE OF CALIFORNIA PROPOSITION 65 WARNINGS:

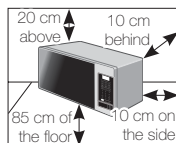
The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the State of California to cause cancer, birth defects, or other reproductive harm, and requires businesses to warn of potential exposure to such substances.

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. This appliance can cause low-level exposure to some of the substances listed, including benzene, formaldehyde, carbon monoxide, and toluene.

INSTALLING YOUR MICROWAVE OVEN

Place the oven on a flat level surface 85 cm above the floor. The surface should be strong enough to safely bear the weight of the oven.

1. When you install your oven, make sure there is adequate ventilation for your oven by leaving at least 10 cm (4 inches) of space behind and, on the sides of the oven and 20 cm (8 inches) of space above.
 2. Remove all packing materials inside the oven.
 3. Install the roller ring and turntable. Check that the turntable rotates freely. (Turntable type model only)
 4. This microwave oven has to be positioned so that plug is accessible.
- ☑ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
For your personal safety, plug the cable into a proper AC earthed socket.
 - ☑ Do not install the microwave oven in hot or damp surroundings like next to a traditional oven or radiator. The power supply



specifications of the oven must be respected and any extension cable used must be of the same standard as the power cable supplied with the oven. Wipe the interior and the door seal with a damp cloth before using your microwave oven for the first time.

CLEANING THE TURNTABLE AND ROLLER RINGS

Clean the roller rings periodically and wash the turntable as required. You can wash the turntable safely in your dishwasher.

STORING AND REPAIRING YOUR MICROWAVE OVEN

If you need to store your microwave oven for a short or extended period of time, choose a dust-free, dry location. Dust and dampness may adversely affect the microwave parts.



- Do not repair, replace or service any part of your microwave oven yourself. Allow only a qualified service technician to perform repairs. If the oven is faulty and needs servicing, or you are in doubt about its condition, unplug the oven from the power outlet and contact your nearest service center.
- Do not use the oven if it is damaged, in particular, if the door or door seals are damaged. Door damage includes a broken hinge, a worn out seal, or distorted/bent casing.
- Do not remove the oven from its casing.
- This microwave oven is for home use only and is not intended for commercial use.

quick look-up guide

If you want to cook some food.

1 2 3 4 5 6 7 8 9 0	1. Place the food in the oven. Press the Number buttons to enter operating time.
START	2. Press the Start button. Result: Cooking starts. The oven beeps 4 times when cooking is over.

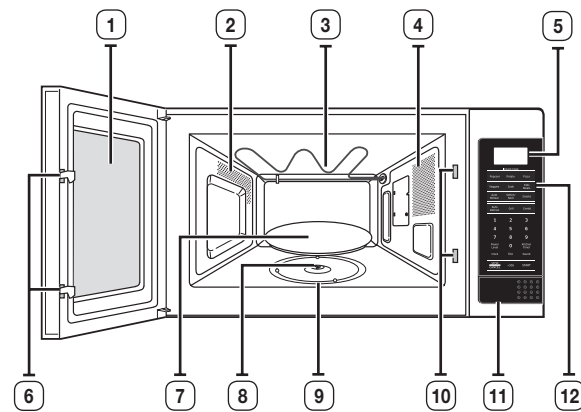
If you want to Defrost some food.

Auto Defrost	1. Place the frozen food in the oven. Press the Auto Defrost button once or more times.
1 2 3 4 5 6 7 8 9 0	2. Select the weight by pressing the Number buttons.
START	3. Press the Start button.

 Refer to the section entitled "Using the auto defrost features" on page 18 for further details.

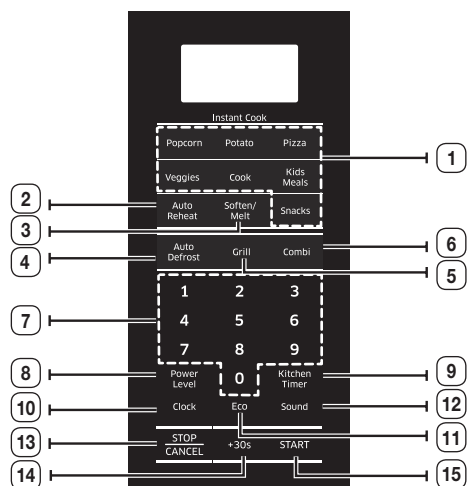
oven features

OVEN



- | | |
|----------------------|----------------------------|
| 1. DOOR | 7. TURNTABLE |
| 2. VENTILATION HOLES | 8. COUPLER |
| 3. GRILL | 9. ROLLER RING |
| 4. LIGHT | 10. SAFETY INTERLOCK HOLES |
| 5. DISPLAY | 11. OPEN DOOR PUSH BUTTON |
| 6. DOOR LATCHES | 12. CONTROL PANEL |

CONTROL PANEL



- | | |
|---------------------------|-------------------------|
| 1. AUTO COOK BUTTONS | 9. KITCHEN TIMER BUTTON |
| 2. AUTO REHEAT BUTTON | 10. CLOCK BUTTON |
| 3. SOFTEN/MELT BUTTON | 11. ECO BUTTON |
| 4. AUTO DEFROST BUTTON | 12. SOUND BUTTON |
| 5. GRILL BUTTON | 13. STOP/CANCEL BUTTON |
| 6. COMBI BUTTON | 14. +30s BUTTON |
| 7. NUMBER BUTTONS | 15. START BUTTON |
| 8. MWO POWER LEVEL BUTTON | |

ACCESSORIES

Depending on the model that you have purchased, you are supplied with several accessories that can be used in a variety of ways.

	1. * Roller ring , to be placed in the centre of the oven. Purpose: The roller ring supports the turntable.
	2. * Turntable , to be placed on the roller ring with the centre fitting to the coupler. Purpose: The turntable serves as the main cooking surface; it can be easily removed for cleaning.
	3. * Grill rack , to be placed on the turntable. Purpose: The metal rack can be used in grill and combination cooking.
	4. * Crusty plate , see page 20 to 21. Purpose: The crusty plate is used to brown food better in the microwave or grill combination cooking modes. It helps keep pastry and pizza dough crisp.

- DO NOT** operate the microwave oven without the roller ring and turntable.
- If you need an accessory marked with a *, you can buy it from the Samsung Contact Center (1-800-726-7864) or on-line web site (www.samsungparts.com)**

oven use

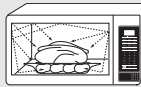
HOW A MICROWAVE OVEN WORKS

Microwaves are high-frequency electromagnetic waves; the energy released enables food to be cooked or reheated without the foods form or colour changing.

You can use your microwave oven to:

- Defrost (manual & auto)
- Cook
- Reheat

Cooking Principle.



1. The microwaves generated by the magnetron are distributed uniformly as the food rotates on the turntable. The food is thus cooked evenly.
2. The microwaves are absorbed by the food up to a depth of about 1 inch (2.5 cm). Cooking then continues as the heat is dissipated within the food.
3. Cooking times vary according to the recipient used and the properties of the food:
 - Quantity and density
 - Water content
 - Initial temperature (refrigerated or not)

 As the centre of the food is cooked by heat dissipation, cooking continues even when you have taken the food out of the oven. Standing times specified in recipes and in this booklet must therefore be respected to ensure:

- Even cooking of the food right to the centre.
- The same temperature throughout the food.

CHECKING THAT YOUR OVEN IS OPERATING CORRECTLY

The following simple procedure enables you to check that your oven is working correctly at all times.

Open the oven door by pushing the push button on the bottom side of the control panel. Place a glass of water on the turntable. Then, close the door.

1 2 3 4 5 6 7 8 9 0	1. Press the Number buttons to enter operating time. (4 to 5 minutes)
START	2. Press the Start button. Result: The oven light comes on and the turntable starts rotating. 1) Cooking starts and when it has finished the oven beeps 4 times. 2) The end reminder signal will beep 1 time (once every minute). 3) The current time is displayed again.

 The oven must be plugged into an appropriate wall socket. The turntable must be in position in the oven. If a power level other than the maximum is used, the water takes longer to boil.

SETTING THE TIME

Your microwave oven has an inbuilt clock. When power is supplied, “:0”, “88:88” or “12:00” is automatically displayed on the display.

Please set the current time. You must set the clock:

- When you first install your microwave oven
- After a power failure

 Do not forget to reset the clock when you switch to and from summer and winter time.

Clock	1. To set the time. Press the Clock button once.
5,0,0	2. Use the Number buttons to enter the current time. You must press at least three numbers to set the clock. If the current time is 5:00 enter, 5, 0, 0 .
START	3. Press the Start button again. A colon will blink, indicating that the time is set.

SWITCHING THE TIME NOTATION

You can change the time notation (**12H/24H**) using hidden buttons.

123 456 789 0 Clock	1. Press the hidden button (Clock + the Number “0” button). Then, Press the Number button.						
<table border="1"> <thead> <tr> <th>Number</th><th>Notation</th></tr> </thead> <tbody> <tr> <td>1</td><td>12 hours</td></tr> <tr> <td>2</td><td>24 hours</td></tr> </tbody> </table>	Number	Notation	1	12 hours	2	24 hours	
Number	Notation						
1	12 hours						
2	24 hours						
START	2. Press the Start button.						

SETTING POWER LEVELS

Power Level	Your microwave allows you to set up to two different stages of cooking, each with its own time length and power level. The MWO Power level button lets you control the heating intensity from Warm (1) to High (10).
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ONE-STAGE COOKING

For simple one-stage cooking, you only need to set a cooking time. The power level is automatically set to High. If you want to set the power to any other level, you must set it using the **MWO Power level** button.

2,0,0,0	1. Use the Number buttons to set a cooking time. You can set a time from one second to 99 minutes, 99 seconds. To set a time over one minute, enter the seconds too. For example, to set 20 minutes, enter 2, 0, 0, 0.												
123 456 789 0 Power Level	2. If you want to set the power level to something other than High, press the MWO Power level button, then use the Number buttons to enter a power level.												
	Power Levels <table border="1"> <tbody> <tr> <td>0 = PL:0 (Deodorization)</td><td>6 = PL:60 (Simmer)</td></tr> <tr> <td>1 = PL:10 (Warm)</td><td>7 = PL:70 (Medium high)</td></tr> <tr> <td>2 = PL:20 (Defrost)</td><td>8 = PL:80 (Reheat)</td></tr> <tr> <td>3 = PL:30 (Low)</td><td>9 = PL:90 (Sauté)</td></tr> <tr> <td>4 = PL:40 (Medium low)</td><td>10 = PL:Hi (High)</td></tr> <tr> <td>5 = PL:50 (Medium)</td><td></td></tr> </tbody> </table>	0 = PL:0 (Deodorization)	6 = PL:60 (Simmer)	1 = PL:10 (Warm)	7 = PL:70 (Medium high)	2 = PL:20 (Defrost)	8 = PL:80 (Reheat)	3 = PL:30 (Low)	9 = PL:90 (Sauté)	4 = PL:40 (Medium low)	10 = PL:Hi (High)	5 = PL:50 (Medium)	
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5 = PL:50 (Medium)													
START	3. Press the Start button to begin cooking. If you want to change the power level, press the Stop/Cancel button before you press the Start button, and re-enter all of the instructions.												

Some recipes require different stages of cooking at different temperatures. You can set multiple stages of cooking with your microwave.

MULTI-STAGE COOKING

1 2 3 Power Level 4 5 6 7 8 9 0	Follow steps 1 and 2 in the "One-Stage Cooking" section on page 13 for further details.
	 When entering more than one cooking stage, the MWO Power level button must be pressed before the second cooking stage can be entered.
	Use the Number buttons to set a second cooking time.
	Press the MWO Power level button, then use the Number buttons to set the power level of the second stage of cooking.
START	Press the Start button to begin cooking.  You can check the Power Level while cooking is in progress by pressing the MWO Power level button.

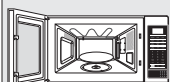
USING THE +30S BUTTON

You can increase the cooking time by pressing the **+30s** button once for each 30 seconds to be added.

30s	Press the +30s button once for each 30 seconds to be added.  Add 30 seconds to a program in progress by pressing the +30s button for each 30 seconds you want to add.
START	Press the Start button.  It only work in MWO, Grill and MW+Grill, except all Auto Cook & Health Cook mode.

STOPPING THE COOKING

You can stop cooking at any time to check the food.

	- To stop temporarily; - Open the door. Result: Cooking stops. To resume cooking, close the door and press the Start button again. - Press the Stop/Cancel button. Result: Cooking stops. To resume cooking, press the Start button again.
STOP CANCEL	- To stop completely; - Press the Stop/Cancel button. Result: The cooking stops. If you wish to cancel the cooking settings, press the Stop/Cancel button again.

 You can also cancel any setting before starting by simply pressing the **Stop/Cancel** button.

SETTING THE ENERGY SAVE MODE

Eco	The oven has an energy save mode. This facility saves electricity when the oven is not in use. Normal condition is standby mode and show clock when not using. - Press the Eco button. Result: Display off. - To remove energy save mode, open the door or press the Eco button and then display shows current time. The oven is ready for use.
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Auto energy saving function

If you do not select any function when appliance is in the middle of setting or operating with temporary stop condition, function is canceled and clock will be displayed after 25 minutes.

Oven Lamp will be turned off after 5 minutes with door open condition.

USING THE AUTO COOK FEATURES

The Auto Cook buttons let you cook favorite foods using preset power levels and times at the touch of a button. If the food is not thoroughly cooked or reheated when you use the auto cook feature, complete the cooking process by selecting a power level and cooking the food for an additional amount of time.

First, place the food in the centre of the turntable and close the door.

	1. Select the type of food that you are cooking by pressing the Auto Cook buttons. (Refer to the table.)
	2. Press the Start button. Result: Cooking starts. When it has finished. 1) The oven beeps 4 times. 2) The end reminder signal will beep 1 time (once every minute). 3) The current time is displayed again.

 Snack need to select serving size by pressing **Number** button before press the **Start** button. (Refer to the table.)

The following table presents the **Auto Cook** programmes, quantities and appropriate instructions.

Food	Serving Size	Instructions
Popcorn	3.0 - 3.5 oz. 1 package	Use only one microwave popcorn bag at a time. Be careful when removing the heated bag from the oven and opening it.
Potato	1 to 6 ea	Pierce each potato several times with a fork. Place on the turntable in a spoke-like fashion. After cooking, let the potatoes stand for 3-5 minutes.
Pizza	1 to 4 slices	Place 1-4 pizza slices on a microwave-safe plate with the wide ends of the slices towards the outside edge of the plate. Do not let the slices overlap. Do not cover.

Food	Serving Size	Instructions
Veggies	Fresh Vegetables (Fresh Veggies)	1 to 4 servings (0.25 - 1 lbs.) Place the fresh vegetables in a microwave-safe ceramic, glass, or plastic dish and add 2-4 tbs. of water. Cover with a lid or vented plastic wrap while cooking and stir before letting stand.
	Frozen Vegetables (Frozen Veggies)	Place the frozen vegetables in a microwave-safe ceramic, glass, or plastic dish and add 2-4 tbs. of water. Cover with a lid or vented plastic wrap to cook. Stir before letting stand for 3-5 minutes.
Cook	Beverage	1/2 cup 1 cup 2 cups Use a measuring cup or mug and do not cover. Place the beverage in the oven. After heating, stir well.
	Chicken Breast	2 pieces 4 pieces Place the chicken breasts on a microwave safe plate and cover with plastic wrap. Cook to an internal temperature of 170 °F. Let stand for 5 minutes.
	Frozen Breakfast	5 (4-6 oz.) 8 (7-8 oz.) Follow the package instructions for covering and letting stand. Use this button for frozen sandwiches, breakfast entrees, pancakes, waffles, etc.
	Frozen Dinner	8 (8-10 oz.) 12 (11-14 oz.) 16 (15-18 oz.) Remove the food from its wrapping and follow the instructions on the box for covering and letting stand.

(continued)

	Food	Serving Size	Instructions
Kids Meals	Chicken Nuggets (Frozen)	1 serving 2 servings	Place a paper towel on a plate and arrange the nuggets in a spoke-like fashion on the paper towel. Do not cover. Let stand for 1 minute after heating.  Refer to the package directions for the serving size and the amount of food.
	French Fries (Frozen)	1 serving 2 servings	Place two paper towels on a microwave-safe plate and arrange the French fries on the towels without letting them overlap. Blot the fries with additional paper towels after removing from the oven. Let stand for 1 minute.  Refer to the directions on the packaging for the serving size and the amount of food.
	Frozen Sandwiches (In crisping sleeve) 9-oz. package size	1 sandwich 2 sandwiches	Place the frozen sandwich in a susceptor "crisping sleeve" (which is in the package) and place on a microwave-safe plate. Remove from the "crisping sleeve". Let stand for 2 minutes after heating.
	Hot Dogs	2 hot dogs 4 hot dogs	Pierce the hot dogs and place them on a plate. When the oven beeps, add the buns and restart the oven. Let stand for 1 minute after heating.  For the best texture, the buns should be added to the hot dogs when the oven beeps.

	Food	Serving Size	Instructions
Snack	Cheese Sticks (Frozen)	5-6 pcs 7-10 pcs	Place the cheese sticks on a plate in a spoke-like fashion. Do not cover. Let stand for 1 to 2 minutes after heating.
	Chicken Wings	5-6 oz. 7-8 oz.	Use precooked, refrigerated chicken wings. Place the chicken wings around the plate in a spoke-like fashion and cover with wax paper. Let stand for 1 to 2 minutes.
	Nachos	1 serving	Place the nachos on a plate without letting them overlap. Sprinkle cheese evenly over them. Contents: 2 cups tortilla chips 1/3 cup grated cheese
	Potato Skins	1 (cooked) potato 2 (cooked) potatoes	Cut the cooked potato into 4 even wedges. Scoop or cut out the potato flesh, leaving about a ¼ in. of skin. Place the skins in a spoke-like fashion around the plate. Sprinkle with bacon, onions and cheese. Do not cover. Let stand 1 to 2 minutes.