

## Operating Instructions

### Features



1. **Door Handle.** Pull to open the door. The door must be securely latched for the microwave to operate.
2. **Door Latches.**
3. **Window with Metal Shield.** Screen allows cooking to be viewed while keeping microwaves confined in the oven.
4. **Touch Control Panel.**
5. **Cooktop Light.**
6. **Grease Filter.**
7. **Removable Turntable.** Turntable and support must be in place when using the oven. The turntable may be removed for cleaning.
8. **Convenience Guide.**
9. **Shelf (on some models).** Lets you microwave several foods at once. Food microwaves best when placed directly on the turntable.

## Quick Start

### The Controls on Your Microwave Oven

(Throughout this manual, features and appearance may vary from your model.)

You can microwave by time, temperature or with the convenience features.



## Time Features

Press	Enter
TIME COOK I & II (Press once or twice)	Amount of cooking time.
DEFROST AUTO/TIME (Press twice)	Amount of defrosting time.
EXPRESS COOK	Starts immediately!
POWER LEVEL	Power level 1–10.
ADD 30 SEC	Starts immediately!

## GUIDE ON MICROWAVE

Before you begin, check the guide located on the inside front of the oven when you open the door.

## GUIDES IN BOOK

- Cooking
- Time Defrost
- Reheat



**Convenience Features**

<b>Press</b>	<b>Enter</b>	<b>Option</b>
POPCORN	Starts immediately!	more/less time serving size
REHEAT	(See Reheat Guide)	serving size
BEVERAGE	Starts immediately!	serving size
DEFROST AUTO/TIME (Press once)	Food weight	



## Changing Power Levels



### How to Change the Power Level

The power level may be entered or changed immediately after entering the feature time for TIME COOK, TIME DEFROST or EXPRESS COOK. The power level may also be changed during time countdown.

- 1 Press TIME COOK or select Time Defrost.
- 2 Enter cooking or defrosting time.
- 3 Press POWER LEVEL.
- 4 Select desired power level 1–10.
- 5 Press START

Variable power levels add flexibility to microwave cooking. The power levels on the microwave oven can be compared to the surface units on a range. High (power level 10) or full power is the fastest way to cook and gives you 100% power. Each power level gives you microwave energy a certain percent of the time. Power level 7 is microwave energy 70% of the time. Power level 3 is energy 30% of the time.

A high setting (10) will cook faster but food may need more frequent stirring, rotating or turning over. Most cooking will be done on High (power level 10). A lower setting will cook more evenly and need less stirring or rotating of the food.

Some foods may have better flavor, texture or appearance if one of the lower settings is used. Use a lower power level when cooking foods that have a tendency to boil over, such as scalloped potatoes.

Rest periods (when the microwave energy cycles off) give time for the food to “equalize” or transfer heat to the inside of the food. An example of this is shown with power level 3—the defrost cycle. If

microwave energy did not cycle off, the outside of the food would cook before the inside was defrosted.

Here are some examples of uses for various power levels:

Power Level	Best Uses
High 10	Fish, bacon, vegetables, boiling liquids.
Med-High 7	Gentle cooking of meat and poultry; baking casseroles and reheating.
Medium 5	Slow cooking and tenderizing such as stews and less tender cuts of meat.
Low 2 or 3	Defrosting without cooking; simmering; delicate sauces.
Warm 1	Keeping food warm without overcooking; softening butter.

## Time Cook



1 Press TIME COOK.

2 Enter cooking time.

3 Change power level if you don't want full power. (Press POWER LEVEL. Select a desired power level 1–10.)

4 Press START

## Time Cook I

Allows you to microwave for any time up to 99 minutes and 99 seconds.

Power level 10 (High) is automatically set, but you may change it for more flexibility.

You may open the door during Time Cook to check the food. Close the door and press START to resume cooking.

## Time Cook II

Lets you change power levels automatically during cooking. Here's how to do it:

1 Press TIME COOK.

2 Enter the first cook time.

3 Change the power level if you don't want full power. (Press POWER LEVEL. Select a desired power level 1–10.)

4 Press TIME COOK again.

5 Enter the second cook time.

6 Change the power level if you don't want full power. (Press POWER LEVEL. Select a power level 1–10.)

7 Press START.

At the end of Time Cook I, Time Cook II counts down.

## Time Defrost



- 1 Press DEFROST AUTO/TIME twice.
- 2 Enter defrosting time.
- 3 Press START.
- 4 Turn food over when the oven signals.
- 5 Press START.

(Auto Defrost explained in the section on Convenience Features.)

Allows you to defrost for the length of time you select. See the Defrosting Guide for suggested times.

Power level 3 is automatically set, but you may change this for more flexibility. You may defrost small items more quickly by raising the power level after entering the time. However, they will need more frequent attention than usual.

Power level 7 cuts the total defrosting time in about half; power level 10 cuts the total time to approximately 1/3. Rotate or stir food frequently.

At one half of selected defrosting time, the oven signals TURN. At this time, turn food over and break apart or rearrange pieces for more even defrosting. Shield any warm areas with small pieces of foil.

A dull thumping noise may be heard during defrosting. This sound is normal when the oven is not operating at High power.

### **Defrosting Tips**

- Foods frozen in paper or plastic can be defrosted in the package. Tightly closed packages should be slit, pierced or vented AFTER food has partially defrosted. Plastic storage containers should be at least partially uncovered.
- Family-size, prepackaged frozen dinners can be defrosted and microwaved. If the food is in a foil container, transfer it to a microwave-safe dish.
- Foods that spoil easily, such as milk, eggs, fish, stuffings, poultry and pork, should not be allowed to sit out for more than one hour after defrosting. Room temperature promotes the growth of harmful bacteria.
- For more even defrosting of larger foods, such as beef, lamb and veal roasts, use Auto Defrost.
- Be sure large meats are completely defrosted before cooking.
- When defrosted, food should be cool but softened in all areas. If still slightly icy, return to the microwave very briefly, or let it stand a few minutes.

## Express Cook



This is a quick way to set cooking time for 1–6 minutes.

Press one of the Express Cook pads (from 1 to 6) for 1 to 6 minutes of cooking at power level 10. For example, press the 2 pad for 2 minutes of cooking time. The power level can be changed as time is counting down. Press POWER LEVEL and enter 1–10.

## Add 30 Seconds



You can use this feature two ways:

- It will add 30 seconds to the time counting down each time the pad is pressed.
- It can be used as a quick way to set 30 seconds of cooking time.

## Convenience Features

### Popcorn



### How to Use the Popcorn Feature

- 1 Follow package instructions, using Time Cook if the package is less than 3.0 ounces or larger than 3.5 ounces. Place the package of popcorn in the center of the microwave.

2 Press POPCORN. The oven starts immediately. Tap POPCORN to select the bag size you are cooking.

### How to Adjust the Popcorn Program to Provide a Shorter or Longer Cook Time

If you find that the brand of popcorn you use underpops or overcooks consistently, you can add or subtract 20 seconds to the automatic popping time.

To add time:

After pressing POPCORN, press 9 immediately after the oven starts for an extra 20 seconds.

On some models, press 9 again to add another 10 seconds (total 30 seconds additional time).

To subtract time:

After pressing POPCORN, press 1 immediately after the oven starts for 20 seconds less cooking time.

On some models, press 1 again to reduce cooking time another 10 seconds (total 30 seconds less time).

### Reheat



**NOTE:** Do not use the metal shelf when using the Reheat feature.

The Reheat feature reheats servings of many previously cooked foods.

1 Press REHEAT.

2 Select food type 1–6 for one serving (see Reheat Guide below). On some models, the oven starts immediately

3 On some models, press START.

4 Press 2 or 3 to change the serving size.

**NOTE:** The serving size may be changed or added after the oven starts. Press number pad 2 or 3. On some models, the serving size for food type 6 cannot be changed.

### Beverage



The Beverage feature heats servings of any beverage.

Press BEVERAGE. The oven starts immediately.

On some models, the serving size is automatically set at 1, but can be changed by pressing 2 or 3 right after pressing BEVERAGE.

On model JVM1430 only, the serving size is automatically set at 4 ounces, but can be changed by tapping BEVERAGE to select 8 or 12 ounces.

Drinks heated with the

Beverage feature may be very hot. Remove the container with care.

### Auto Defrost



1 Press DEFROST AUTO/TIME once.

2 Using the Conversion Guide at right, enter food weight. For example, press pads 1 and 2 for 1.2 pounds (1 pound, 3 ounces).

3 Press START. ( Time Defrost is explained in the Time Feature section.)

The Defrost Auto/Time feature gives you two ways to defrost frozen foods. Press DEFROST AUTO/TIME once for Auto Defrost or twice for Time Defrost.

Use Auto Defrost for meat, poultry and fish. Use Time Defrost for most other frozen foods.

Auto Defrost automatically sets the defrosting times and power levels to give even defrosting results for meats, poultry and fish weighing up to six pounds.

There is a handy guide located on the inside front of the oven.

- Remove meat from package and place on microwave-safe dish.
- Twice during defrost, the oven signals TURN. At each TURN signal, turn the food over. Remove defrosted meat or shield warm areas with small pieces of foil.
- After defrosting, most meats need to stand 5 minutes to complete defrosting. Large roasts should stand for about 30 minutes.

## Other Features Your Model May Have

### Cooking Complete Reminder

To remind you that you have food in the oven, the oven will display “FOOD IS READY” or “END” and beep once a minute until you either open the oven door or press CLEAR/OFF.

### Help (On some models)



The HELP pad displays feature information and helpful hints. Press HELP, then select a feature pad.

### Cooking Complete Reminder

To remind you that you have food in the oven, the oven will display “FOOD IS READY” or “END” and beep once a minute until you either open the oven door or press CLEAR/OFF.

### Clock



Press to enter the time of day or to check the time of day while microwaving.

- 1 Press CLOCK.
- 2 Enter time of day.
- 3 On some models, select AM or PM.
- 4 Press START or CLOCK.

#### **Scroll Speed** (On some models)



The scroll speed of the display can be changed. Press and hold the AM/PM pad about 3 seconds to bring up the display. Select 1–5 for slow to fast scroll speed.

#### **Display On/Off**



To turn the clock display off, press and hold 0 for about three seconds.

To redisplay the clock, repeat.

## Delay Start



Delay Start allows you to set the microwave to delay cooking up to 24 hours.

1 Press DELAY START.

2 Enter the time you want the oven to start. (Be sure the microwave clock shows the correct time of day.)

3 On some models, select AM or PM.

4 Select any combination of Defrost Auto/Time or Time Cook I & II.

5 Press START.

The Delay Start time will be displayed. The oven will automatically start at the delayed time.

The time of day may be displayed by pressing CLOCK.

## Timer On/Off



Timer On/Off operates as a minute timer and can be used at any time, even when the oven is operating.

- 1 Press TIMER ON/OFF.
- 2 Enter time you want to count down.
- 3 Press TIMER ON/OFF to start.

When time is up, the oven will signal. To turn off the timer signal, press TIMER ON/OFF.

**NOTE:** The timer indicator will be lit while the timer is operating.

## Start/Pause



In addition to starting many functions, START/PAUSE allows you to stop cooking without opening the door or clearing the display.

## Reminder



The Reminder feature can be used like an alarm clock and can be used at any time, even when the oven is operating. The Reminder time can be set up to 24 hours later.

1 Press REMINDER.

2 Enter the time you want the oven to remind you. (Be sure the microwave clock shows the correct time of day.)

3 On some models, select AM or PM.

4 Press REMINDER. When Reminder signal occurs, press REMINDER to turn it off. The Reminder time may be displayed by pressing REMINDER.

**NOTE:** The REM indicator will remain lit to show that the Reminder is set. To clear the Reminder before it occurs, press REMINDER, then 0. The REM indicator will no longer be lit.

### Child Lock-Out



You may lock the control panel to prevent the microwave from being accidentally started or used by children.

To lock or unlock the controls, press and hold CLEAR/OFF for about 3 seconds. When the control panel is locked, "L" or "LOC" will be displayed to the extreme right.

### Turntable



For best cooking results, leave the turntable on. It can be turned off for large dishes. Press TURNTABLE to turn the turntable on or off.

Sometimes the turntable can become too hot to touch. Be careful touching the turntable during and after cooking.

### Surface Light



Press to turn the surface light on or off.

On some models, there is a night light option.

Press SURFACE LIGHT once for bright light, twice for the night light or three times to turn the light off.

### Beeper Volume (On some models)



The beeper sound level can be adjusted. Press BEEPER VOLUME. Choose 0–3 for mute to loud.

### Vent Fan



When the microwave oven is off, you may operate the vent fan:

- 1 Press the Vent Fan pad once for high fan speed.
- 2 Press the Vent Fan pad a second time for low fan speed.
- 3 Press the Vent Fan pad a third time to turn the fan off.

When the microwave is on, the vent fan will automatically turn on at low fan speed, stay on while the microwave is operating and automatically turn off after the microwave goes off if the Vent Fan pad is not pressed. When the microwave oven is on you may also:

- 1 Press the Vent Fan pad once for high fan speed.
- 2 Press the Vent Fan pad a second time for low fan speed.
- 3 Press the Vent Fan pad a third time to set the fan to turn off automatically after the microwave goes off.

If the vent fan is still operating after the microwave goes off, press the Vent Fan pad until it turns off.

NOTE: The vent fan cannot be turned off while the microwave is operating

## **Helpful Information**

### **Microwave Terms**

Term	Definition
Arcing	<p>Arcing is the microwave term for sparks in the oven. Arcing is caused by:</p> <ul style="list-style-type: none"> <li>• the metal shelf being installed incorrectly and touching the microwave walls.</li> <li>• metal or foil touching the side of the oven.</li> <li>• foil that is not molded to food (upturned edges act like antennas).</li> <li>• metal such as twist ties, poultry pins, gold-rimmed dishes.</li> <li>• recycled paper towels containing small metal pieces.</li> </ul>
Covering	<p>Covers hold in moisture, allow for more even heating and reduce cooking time. Venting plastic wrap or covering with wax paper allows excess steam to escape.</p>
Shielding	<p>In a regular oven, you shield chicken breasts or baked foods to prevent over-browning. When microwaving, you use small strips of foil to shield thin parts, such as the tips of wings and legs on poultry, which would cook before larger parts.</p>
Standing Time	<p>When you cook with regular ovens, foods such as roasts or cakes are allowed to stand to finish cooking or to set. Standing time is especially important in microwave cooking. Note that a microwaved cake is not placed on a cooling rack.</p>
Venting	<p>After covering a dish with plastic wrap, you vent the plastic wrap by turning back one corner so excess steam can escape.</p>

## Care and Cleaning

### Helpful Hints

An occasional thorough wiping with a solution of baking soda and water keeps the inside fresh.

**NOTE:** Be certain the power is off before cleaning any part of this oven.

### How to clean the inside

Walls, Floor, Inside Window, Metal and Plastic Parts on the Door

Some spatters can be removed with a paper towel, others may require a damp cloth. Remove greasy spatters with a sudsy cloth, then rinse with a damp cloth. Do not use abrasive cleaners or sharp utensils on oven walls.

Never use a commercial oven cleaner on any part of your microwave.

#### Temperature Probe (if included)

Clean immediately after using. To clean, wipe with a sudsy cloth, then rub lightly with a plastic scouring ball if necessary. Rinse and dry. The probe can also be washed in the dishwasher

#### Removable Turntable and Turntable Support

To prevent breakage, do not place the turntable into water just after cooking. Wash it carefully in warm, sudsy water or in the dishwasher. The turntable and support can be broken if dropped. Remember, do not operate the oven without the turntable and support in place.

#### Shelf (if included)

Clean with mild soap and water or in the dishwasher. Do not clean in a self-cleaning oven.

### **How to Clean the Outside**

We recommend against using cleaners with ammonia or alcohol, as they can damage the appearance of the microwave oven. If you choose to use a common household cleaner, first apply the cleaner directly to a clean cloth, then wipe the soiled area.

#### Case

Clean the outside of the microwave with a sudsy cloth. Rinse and then dry. Wipe the window clean with a damp cloth.

#### Control Panel

Wipe with a damp cloth.

Dry thoroughly. Do not use cleaning sprays, large amounts of soap and water, abrasives or sharp objects on the panel—they can damage it. Some paper towels can also scratch the control panel.

#### Door Panel

Before cleaning the front door panel, make sure you know what type of panel you have. Refer to the eighth digit of the model number. "S" is stainless steel, "G" is Graphite, "L" is CleanSteel and "B", "W" or "C" are plastic colors.

#### Stainless Steel

The stainless steel panel can be cleaned with Stainless Steel Magic or a similar product using a clean, soft cloth. Apply stainless cleaner carefully to avoid the surrounding plastic

parts. Do not use appliance wax, polish, bleach or products containing chlorine on Stainless Steel finishes.

#### CleanSteel or Graphite

Use a clean, soft, light and lightly dampened cloth, then dry thoroughly. Do not use appliance wax, polish, bleach or products containing any chemical agent on the CleanSteel or Graphite surfaces.

#### Plastic Color Panels

Use a clean, soft, lightly dampened cloth, then dry thoroughly.

#### Door Seal

It's important to keep the area clean where the door seals against the microwave. Use only mild, non-abrasive detergents applied with a clean sponge or soft cloth. Rinse well.

#### Bottom



Clean off the grease and dust on the bottom often. Use a solution of warm water and detergent.

## Light Bulb Replacement

### Cooktop Light/Night Light

Replace the burned-out bulb with a 120 volt, 40-watt incandescent bulb (WB36X10003), available from your GE supplier.

- 1 To replace the bulb(s), first disconnect the power at the main fuse or circuit breaker panel or pull the plug.
- 2 Remove the screw at the front of the light cover and lower the cover.



3 Be sure the bulb(s) to be replaced are cool before removing. After breaking the adhesive seal, remove the bulb by gently turning.

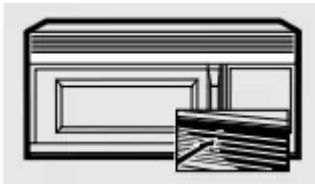
4 Replace the screw. Connect electrical power to the oven

## Oven Light

Replace the burned-out bulb with a 120 volt, 40-watt incandescent bulb (WB36X10003), available from your GE supplier.

1 To replace the oven light, first disconnect the power at the main fuse or circuit breaker panel or pull the plug.

2 Remove the top grille by taking out the 2 screws that hold it in place.



3 Next, remove the screw located above the door near the center of the oven that secures the light housing.



4 Replace the screw. Connect electrical power to the oven.

## If Something Goes Wrong

### Before You Call For Service

<b>Problem</b>	<b>Possible Cause</b>	<b>What to Do</b>
Oven will not start	A fuse in your home may be blown or the circuit breaker tripped.	<ul style="list-style-type: none"> <li>• Replace fuse or reset circuit breaker.</li> </ul>
	Power surge.	<ul style="list-style-type: none"> <li>• Unplug the microwave oven, then plug it back in.</li> </ul>
	Plug not fully inserted into wall outlet.	<ul style="list-style-type: none"> <li>• Make sure the 3-prong plug on the oven is fully inserted into wall outlet.</li> </ul>
	Door not securely closed.	<ul style="list-style-type: none"> <li>• Open the door and close securely.</li> </ul>
Floor of the oven is warm, even when the oven has not been used	The cooktop light is located below the oven floor. When the light is on, the heat it produces may make the oven floor get warm.	<ul style="list-style-type: none"> <li>• This is normal.</li> </ul>
“LOC” appears on display	The control has been locked.	<ul style="list-style-type: none"> <li>• Press and hold CLEAR/OFF for about 3 seconds to unlock the control.</li> </ul>
Vent fan will not turn off	The vent fan automatically turns on to cool internal parts while the microwave is on.	<ul style="list-style-type: none"> <li>• The vent fan cannot be turned off while the microwave is operating. This is normal. Wait for the microwave to turn off and the fan will either go off automatically or you will need to turn it off by pressing the Vent Fan pad after the microwave is off.</li> </ul>
“BAD PROBE” appears on display	The probe has not been completely inserted into the oven wall outlet.	<ul style="list-style-type: none"> <li>• Insert the probe properly into the oven wall outlet.</li> </ul>
	The probe is defective.	<ul style="list-style-type: none"> <li>• Replace the probe.</li> </ul>
“PLEASE INSERT PROBE”	Probe has been forgotten or not inserted properly.	<ul style="list-style-type: none"> <li>• Insert the probe properly into the oven wall outlet.</li> </ul>

appears on display		
“SENSOR ERROR” appears on display	When using a Sensor feature, the door was opened before steam could be detected.	• Do not open door until steam is sensed and time is shown counting down on display.
	Steam was not detected in maximum amount of time.	• Use Time Cook to heat for more time.

### Things That Are Normal

- Moisture on the oven door and walls while cooking. Wipe the moisture off with a paper towel or soft cloth.
- Moisture between the oven door panels when cooking certain foods. Moisture should dissipate shortly after cooking is finished.
- Steam or vapor escaping from around the door.
- Light reflection around door or outer case.
- Dimming oven light and change in the blower sound at power levels other than high.
- Dull thumping sound while oven is operating.
- The vent fan operating while the microwave is operating. The vent fan will not go off nor can it be turned off until the microwave is off.
- TV-radio interference might be noticed while using the microwave. Similar to the interference caused by other small appliances, it does not indicate a problem with the microwave. Plug the microwave into a different electrical circuit, move the radio or TV as far away from the microwave as possible or check the position and signal of the TV/radio antenna.

#### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.