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PANASONIC NN-S768 Owner's Manual

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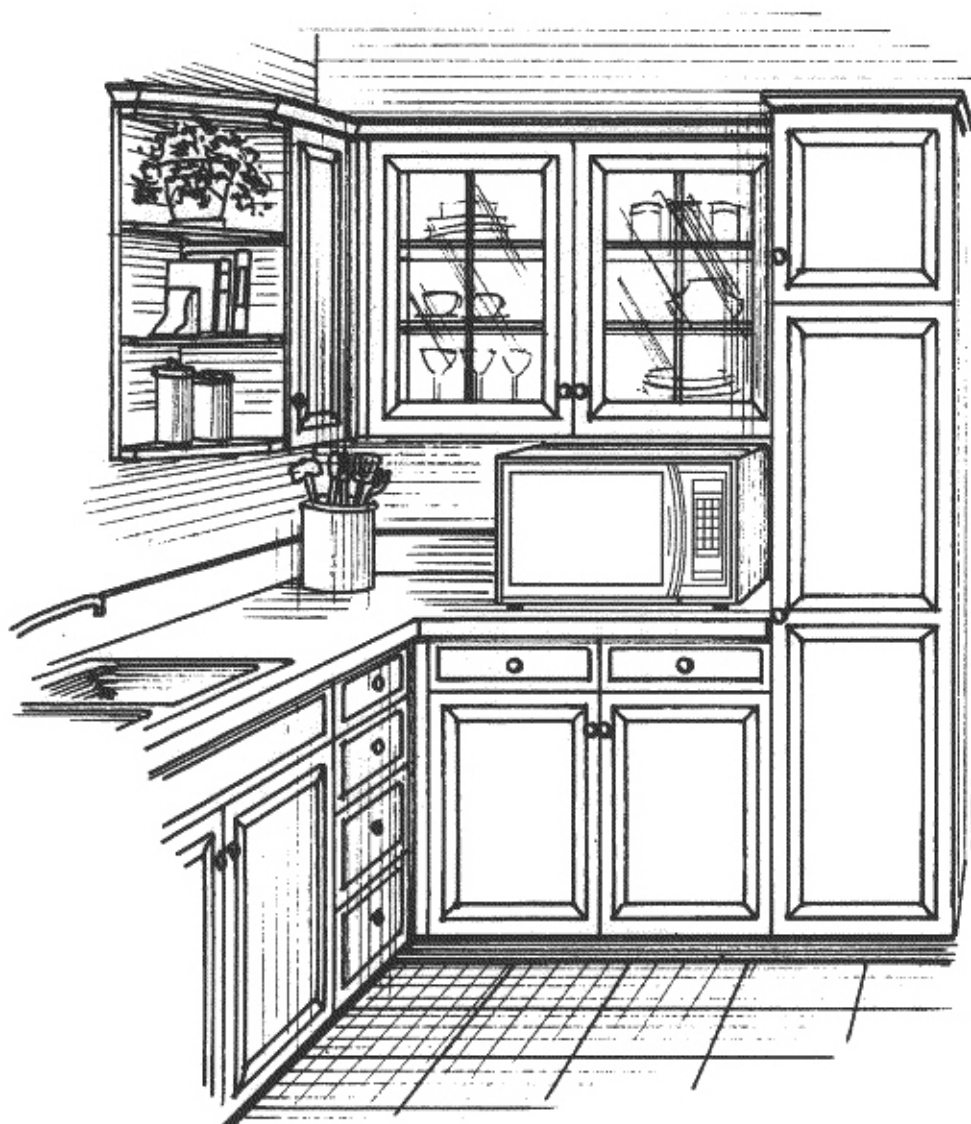
----- Manual continues below -----

Panasonic®

the Genius 1100w

Operating Instructions

**Microwave Oven
Model NN-S768**



This manual contains Safety Instructions, Operating Instructions and Maintenance of the oven.

For Cooking Guide and Parts information, see page 20.

Before operating this oven, please read these instructions completely.

Antes de operar este producto, lea este instructivo in su totalidad.

El manual de instrucciones en español puede ser encontrada en la paginas 21 - 33.

(Spanish Operating instructions can be found on pages 21 - 33.)

Thank you for purchasing the Panasonic Microwave Oven.
Please read the instructions completely.
Let's Start to Use Your Oven!—page 8.

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

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

STAPLE YOUR STORE RECEIPT HERE.

The serial number of this product may be found on the right side of the oven door opening. You should note the model number and the serial number of this oven in the space provided and retain this book as a permanent record of your purchase for future reference.

Model No. _____

Serial No. _____

Date of Purchase _____

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Technical Specifications

	NN - S768
Power consumption:	13.0 Amps, 1500 W
Output:*	1100 W
Outside Dimensions	14" x 23 ⁷ / ₁₆ " x 16 ³ / ₄ "
(H x W x D):	(356 x 595 x 425mm)
Oven Cavity Dimensions	10 ¹ / ₁₆ " x 17 ³ / ₁₆ " x 15 ⁹ / ₁₆ "
(H x W x D):	(272 x 437 x 396mm)
Operating Frequency:	2,450 MHz
Uncrated Weight (Approx):	32 lbs. (14.5 kg)

*IEC 705-88 Test procedure

Specifications subject to change without notice.

IMPORTANT SAFETY INSTRUCTIONS

Your microwave oven is a cooking device and you should use as much care as you use with a stove or any other cooking device. When using this electric appliance, basic safety precautions should be followed, including the following:

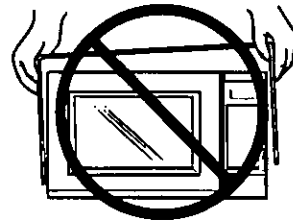
WARNING—To reduce the risk of burns, electric shock, fire, injury to persons, or exposure to excessive microwave energy:

1. Read all instructions before using the appliance.
2. Read and follow the specific **"PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY,"** found inside of the front cover.
3. This appliance must be grounded. Connect only to properly grounded outlet. See **"GROUNDING INSTRUCTIONS"** found on page 3.
4. Install or locate this appliance only in accordance with the installation instructions found on page 3.
5. Do not cover or block any openings on this appliance.
6. Do not store or use this appliance outdoors. Do not use this product near water—for example, near a kitchen sink, in a wet basement, or near a swimming pool, and the like.
7. Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
8. When cleaning surfaces of door and oven that come together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth.
9. Do not allow children to use this appliance, unless closely supervised by an adult.
10. 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.
11. Do not immerse cord or plug in water.
12. Keep cord away from heated surfaces.
13. Do not let cord hang over edge of table or counter.
14. This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair or adjustment.
15. Some products such as whole eggs and sealed containers—for example, closed glass jars—may explode and should not be heated in this oven.
16. To reduce the risk of fire in the oven cavity:
 - (a) Do not overcook food. Carefully attend appliance if 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 bag in oven.
 - (c) If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

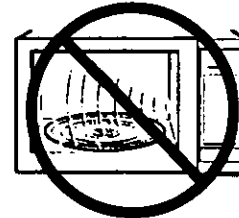
- (d) Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

General Use

1. **DO NOT** tamper with or make any adjustments or repairs to door, control panel housing, safety interlock switches or any other part of the oven. **DO NOT** remove outer panel from oven. Repairs should only be done by a qualified service person.



2. **DO NOT** operate the oven empty. The microwave energy will reflect continuously throughout the oven if food or water is not present to absorb energy. This could damage the oven and result in the possibility of a fire.



3. **DO NOT** use this oven to heat chemicals or any other non-food products. **DO NOT** clean this oven with any product that is labeled as containing corrosive chemicals. **The heating of corrosive chemicals in this oven can cause radiation leaks.**
4. **DO NOT** dry clothes, newspapers or other materials in oven. They may catch fire.
5. **DO NOT** use recycled paper products unless the paper product is labeled as safe for microwave oven use. Recycled paper products may contain impurities which may cause sparks and/or fires when used.
6. **DO NOT** use newspapers or paper bags for cooking. Fire can result.
7. **DO NOT** hit or strike control panel. Damage to controls may occur. Fire can result.
8. **POT HOLDERS** should always be used when removing items from the oven. Heat is transferred from the **HOT** food to the cooking container and from the cooking container to the Glass Tray. Glass Tray can be very **HOT** after removing cooking container from oven.
9. **DO NOT** store flammable materials next to, on top of, or in the oven. These could be fire hazards.

SAVE THESE INSTRUCTIONS

For proper use of your oven read remaining safety cautions and operating instructions.

INSTALLATION & GROUNDING INSTRUCTIONS

Examine Your Oven

Unpack oven, remove all packing material, and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify dealer immediately if oven is damaged. **DO NOT** install if oven is damaged.

Placement of Oven

- Oven must be placed on a flat, stable surface. For proper operation, the oven must have sufficient air flow. Allow 3 inches (8 cm) of space on both sides of the oven and 1 inch (2.5 cm) of space on top of oven.
 - DO NOT** block air vents. If they are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable until it has cooled.
 - DO NOT** place oven near a hot damp surface such as a gas or electric range.
 - DO NOT** operate oven when room humidity is too high.
- This oven was manufactured for household use only.

Grounding Instructions

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


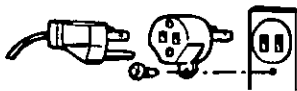
WARNING—Improper use of the grounding plug can result in a risk of electric shock.

Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a three wire extension cord that has a three blade grounding plug, and a three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

Power Supply

- A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- Longer cord sets or extension cords are available and may be used if care is exercised in their use.
- If a long cord or extension cord is used, (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 (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.

Wiring Requirements

- The oven must be on a **SEPARATE CIRCUIT**. No other appliance should share the circuit with the microwave oven. If it does, the branch circuit fuse may blow, the circuit breaker may trip, or the food may cook slower than the times recommended in this manual.
- The **VOLTAGE** used must be the same as specified on this microwave oven (120 V). Using a higher voltage is dangerous and may result in a fire or other accident causing oven damage. Using a lower voltage will cause slow cooking. Panasonic is **NOT** responsible for damage resulting from the use of the oven with other than specified voltage.
- The oven must be plugged into at least a **20 AMP, 120 VOLT, 60 Hz GROUNDED OUTLET**. Where a standard two-prong outlet is encountered, it is the personal responsibility and obligation of the consumer to have it replaced with a properly grounded three-prong outlet.
- A **TEMPORARY CONNECTION** with a two-prong adapter may be made where **LOCAL CODES PERMIT**. Unless the cover screw is grounded through the house wiring, attaching the adapter grounding plate to the cover screw will not ground the oven. If there is any doubt that the cover screw is grounded, have it checked by an electrician.

Radio Interference

- Operation of the microwave oven may cause interference to your radio, TV or similar equipment.
- When there is interference, it may be reduced or eliminated by taking the following measures:
 - Clean door and sealing surfaces of the oven. (See Care of Your Microwave Oven found on page 20)
 - Place the radio, TV, etc. away from the microwave oven as far as possible.
 - Use a properly installed antenna to obtain stronger signal reception.

Safety Precautions

Follow These Safety Precautions When Cooking in Your Oven

1) HOME CANNING / DRYING FOODS / SMALL QUANTITIES OF FOODS

- **Do not** use your oven for home canning or the heating of any closed jar. Pressure will build up and the jar may explode. Your oven cannot maintain the food at the proper canning temperature. Improperly canned food may spoil and be dangerous to consume.
- Small quantities of food or foods with low moisture content can dry out, burn or catch on fire.
- **Do not** dry meats, herbs, fruits or vegetables in your oven.

IMPORTANT

Proper cooking depends on time set and weight of food. If you use a smaller portion than recommended and cook at the time for the recommended portion, fire can result.

If a fire occurs, turn oven off and leave oven door closed. Disconnect the power cord or shut off power at the fuse or circuit breaker panel.

2) POPCORN

Popcorn must be popped in a microwave oven corn popper. Microwave popcorn which pops in its own package is also available. Follow popcorn manufacturers' directions and use a brand suitable for the wattage of your microwave oven. Never leave oven unattended when popping popcorn. Allow the popcorn bag to cool before opening it. To prevent steam burns, always open the bag away from your face and body.

CAUTION:

When using pre-packaged microwave popcorn, follow recommended package instructions. Check package weight before using the Popcorn pad. Set the oven for the weight of the popcorn package. (see page 10) If these instructions are not followed, the popcorn may not pop adequately or may ignite and cause a fire.

3) DEEP FAT FRYING

- **Do not** attempt to deep fat fry in your microwave oven. Cooking oils may burst into flames and may cause damage to the oven and perhaps result in burns. Microwave utensils may not be able to withstand the temperature of the hot oil, and could shatter.

4) EGGS

- **Do not** heat eggs in their shell in a microwave oven. Pressure will build up and the eggs will explode.

5) FOODS WITH NONPOROUS SKINS

- **Potatoes, apples, egg yolks, whole squash and sausages are examples of foods with nonporous skins.** These types of foods must be pierced before microwave cooking to prevent their bursting.
- Use fresh potatoes for baking and cook until just done. Overcooking causes dehydration and may cause a fire. Use recommended weights or fire may occur.

6) LIQUIDS

- Heated liquids can erupt if not mixed with air. **Do not** heat liquids in your microwave oven without first stirring.

7) GLASS TRAY / COOKING UTENSILS / FOIL

- Cooking utensils get hot during microwaving. Use potholders when removing utensils from the oven or when removing lids or plastic wrap covers from cooking utensils to avoid burns.
- The glass tray will get hot during cooking. It should be allowed to cool before handling or before paper products, such as paper plates or microwave popcorn bags, are placed in the oven for microwave cooking.
- When using foil, skewers, warming rack or utensils made of metal in the oven, allow at least 1-inch (2.5 cm) of space between metal material and interior oven walls. If arcing occurs (sparking) remove metal material (skewers etc.) and/or transfer to a non-metallic container.
- Dishes with metallic trim should **not** be used, as arcing may occur.

8) PAPER TOWELS / CLOTHS

- **Do not** use paper towels or cloths which contain a synthetic fiber woven into them. The synthetic fiber may cause the towel to ignite.
- **Do not** use paper bags or recycled paper products in the microwave oven.

9) BROWNING DISHES / OVEN COOKING BAGS

- Browning dishes or grills are designed for microwave cooking only. Always follow instructions provided by the manufacturer. Do not preheat browning dish more than 6 minutes.
- If an oven cooking bag is used for microwave cooking, prepare according to package directions. Do not use a wire twist-tie to close bag.

10) THERMOMETERS

- **Do not** use a conventional meat thermometer in your oven. Arcing may occur. Microwave-safe thermometers are available for both meat and candy.

11) BABY FORMULA / FOOD

- **Do not** heat baby formula or food in the microwave oven. The glass jar or surface of the food may appear warm while the interior can burn the infant's mouth and esophagus.

12) REHEATING PASTRY PRODUCTS

- When reheating pastry products, check temperatures of any fillings before eating. Some foods have fillings which heat faster and can be extremely hot while the surface remains warm to the touch (ex. Jelly Donuts).

13) GENERAL OVEN USAGE GUIDELINES

- **Do not** use the oven for any reason other than the preparation of food.
- **Do not** leave oven unattended while in use.

Cookware and Utensil Guide

ITEM	MICROWAVE	COMMENTS
Aluminum Foil	Yes, for Shielding only	Small strips of foil can be molded around thin parts of meat or poultry to prevent overcooking. Arcing can occur if foil is too close to oven wall or if too much foil is used.
Browning Dish	Yes	Browning dishes are designed for microwave cooking only. Check browning dish information for instructions and heating chart. Do not preheat for more than 6 minutes.
Brown paper bags	No	May cause a fire in the oven.
Dinnerware Labelled "Microwave-Safe"	Yes	Check manufacturers' use and care directions for use in microwave heating. Some dinnerware may state on the back of the dish, "Oven-Microwave Safe".
Other Dinnerware	?	Use CONTAINER TEST below.
Disposable polyester Paperboard Dishes	Yes	Some frozen foods are packaged in these dishes. Can be purchased in grocery stores.
Fast Food Carton with Metal Handle	No	Metal handle may cause arcing.
Frozen Dinner Tray Metal	Yes	Frozen dinners may be heated in foil tray, if tray is less than 3/4-inch (2 cm) high. Place foil tray in center of oven. Leave at least 1-inch (2.5 cm) space between foil tray and oven walls. Heat only 1 foil tray in the oven at time. For containers more than 3/4-inch (2 cm) deep, remove food and place in a similar size microwave-safe container.
Microwave-safe	Yes	
Glass Jars	Yes, use caution	Remove lid. Heat food until just warm, not HOT. Most glass jars are not heat resistant. Do not use for cooking.
Glassware Heat Resistant Oven Glassware & Ceramics	Yes	Ideal for microwave cooking and browning. (See CONTAINER TEST below)
Metal Bakeware	No	Not recommended for use in microwave ovens.
Metal Twist Ties	No	May cause arcing which could cause a fire in the oven.
Oven Cooking Bag	Yes	Follow manufacturers' directions. Close bag with the nylon tie provided, a strip cut from the end of the bag, or a piece of cotton string. Do not close with metal twist tie. Make six 1/2-inch (1 cm) slits near the closure.
Paper Plates & Cups	Yes	Use to warm cooked foods, and to cook foods that require short cooking times such as hot dogs.
Paper Towels & Napkins	Yes	Use to warm rolls and sandwiches by microwave.
Parchment Paper	Yes	Use as a cover to prevent spattering. Safe for use in microwave, microwave/convection and conventional ovens.
Plastic Microwave-Safe Cookware	Yes	Should be labeled, "Suitable for microwave heating." Check manufacturers' directions for recommended uses.
Reheat & Storage	Yes, use caution	Some microwave-safe plastic dishes are not suitable for cooking foods with high fat or sugar content. The heat from hot food may cause the plastic to warp.
Melamine	No	This material absorbs microwave energy. Dishes get HOT!
Plastic Foam Cups	Yes	Plastic foam will melt if foods reach a high temperature. Use to bring foods to a low serving temperature.
Plastic Wrap	Yes	Use to cover food during cooking to retain moisture and prevent spattering. Should be labelled "Suitable for Microwave Heating". Check package directions.
Straw, Wicker, Wood	Yes	Use only for short term reheating and to bring food to a low serving temperature.
Thermometers Microwave-safe, only	Yes	Use only microwave-safe meat and candy thermometers. Not suitable for use in microwave oven, will cause sparks and get hot.
Conventional	No	
Wax paper	Yes	Use as a cover to prevent spattering and to retain moisture.

CONTAINER TEST

TO TEST A CONTAINER FOR SAFE MICROWAVE OVEN USE: Fill a 1-cup glass measure with water and place it in the microwave oven along with the container to be tested; heat one (1) minute at HIGH. If the container is microwave oven-safe, the container should remain comfortably cool and the water should be hot. If the container is hot, it has absorbed some microwave energy and should NOT be used. This test cannot be used for plastic containers.

Food Characteristics

Bone and Fat: Both bone and fat affect cooking. Bones may cause irregular cooking. Meat next to the tips of bones may overcook while meat positioned under a large bone, such as a ham bone, may be undercooked. Large amounts of fat absorb microwave energy and the meat next to these areas may overcook.

Density: Porous, airy foods such as breads, cakes or rolls take less time to cook than heavy, dense foods such as potatoes and roasts.

Quantity: Two potatoes take longer to cook than one potato. As the quantity of the food increases so does the cooking time.

When cooking small amounts of food such as one or two potatoes, do not leave oven unattended. The moisture content in the food may decrease and a fire could result.

Shape: Uniform sizes heat more evenly. The thin end of a drumstick will cook more quickly than the meaty end. To compensate for irregular shapes, place thin parts toward the center of the dish and thick pieces toward the edge.

Size: Thin pieces cook more quickly than thick pieces.

Starting Temperature: Foods that are room temperature take less time to cook than if they are refrigerator temperature or frozen.

Cooking Techniques

Spacing: Individual foods, such as baked potatoes, cupcakes and appetizers, will cook more evenly if placed in the oven equal distances apart. When possible, arrange foods in a circular pattern.

Browning: Foods will not have the same brown appearance as conventionally cooked foods. Meats and poultry may be coated with browning sauce, Worcestershire sauce, barbecue sauce or shake-on browning sauce. To use, combine browning sauce with melted butter or margarine; brush on before cooking.

Piercing: Foods with skins or membranes must be pierced, scored or have a strip of skin peeled before cooking to allow steam to escape. Pierce whole egg yolks and whites, clams, oysters, chicken livers, whole potatoes and whole vegetables. Whole apples or new potatoes should have a 1-inch strip of skin peeled before cooking. Score sausage, frankfurters and hot dogs.

Covering: As with conventional cooking, moisture evaporates during microwave cooking. Casserole lids or plastic wrap are used for a tighter seal. When using plastic wrap, vent the plastic wrap by folding back part of the plastic wrap from the edge of the dish to allow steam to escape. Loosen or remove plastic wrap as recipe directs for stand time. When removing plastic wrap covers, as well as any glass lids, be careful to remove them away from you to avoid steam burns. Various degrees of moisture retention are also obtained by using wax paper or paper towels. However, unless specified, a recipe is cooked uncovered.

Shielding: Thin areas of meat and poultry cook more quickly than meaty portions. To prevent overcooking, these thin areas can be shielded with strips of aluminum foil. Wooden toothpicks may be used to hold the foil in place.

Timing: A range in cooking time is given in each recipe. The time range compensates for the uncontrollable differences in food shapes, starting temperature and regional preferences. Always cook food for the minimum cooking time given in a recipe and check for doneness. If the food is undercooked, continue cooking. It is easier to add time to an undercooked product. Once the food is overcooked, nothing can be done.

Stirring: Stirring is usually necessary during microwave cooking. We have noted when stirring is helpful, using the words once, twice, frequently or occasionally to describe the amount of stirring necessary .

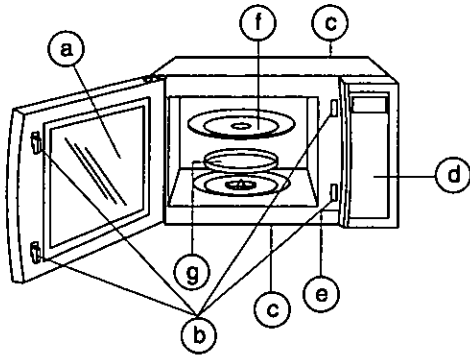
Rearranging: Rearrange small items such as chicken pieces, shrimp, hamburger patties or pork chops. Rearrange pieces from the edge to the center and pieces from the center to the edge of the dish .

Turning: It is not possible to stir some foods to redistribute the heat. At times microwave energy will concentrate in one area of a food. To help insure even cooking, these foods need to be turned. Turn over large foods, such as roasts or turkeys, halfway through cooking.

Standing Time: Most foods will continue to cook by conduction after the microwave oven is turned off. In meat cookery, the internal temperature will rise 5°F to 15°F if allowed to stand, tented with foil, for 10 to 15 minutes. Casseroles and vegetables need a shorter amount of standing time, but this standing time is necessary to allow foods to complete cooking in the center without overcooking on the edges.

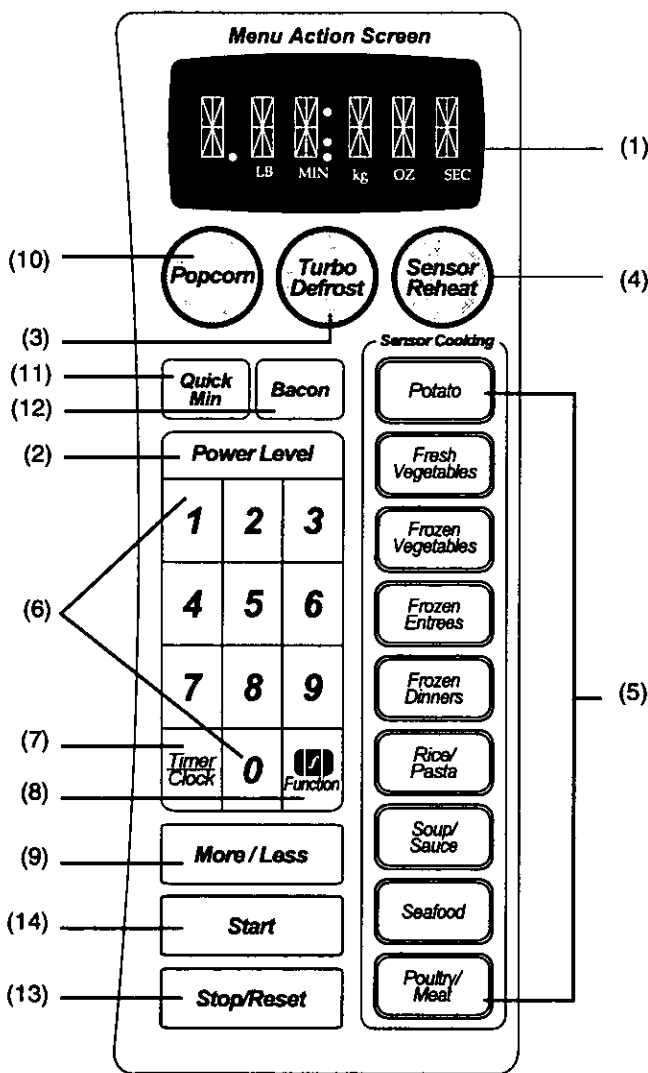
Testing for Doneness: The same tests for doneness used in conventional cooking may be used for microwave cooking. Meat is done when fork-tender or splits at fibers. Chicken is done when juices are clear yellow and drumstick moves freely. Fish is done when it flakes and is opaque.

Feature Diagram



- (a) See-through Oven Window with Vapor Barrier Film (Do Not Remove)
- (b) Door Safety Lock System
- (c) External Air Vents
- (d) Control Panel
- (e) Identification Plate
- (f) Glass Tray
- (g) Roller Ring

Control Panel



- (1) **Menu Action Screen**
Step by step instructions scroll for easy operation.
- (2) **Power Level Pad** (page 10)
- (3) **Turbo Defrost Pad** (page 12)
- (4) **Sensor Reheat Pad** (page 14-15)
- (5) **Sensor Cook Pads** (page 14-15)
- (6) **Number Pads**
- (7) **Timer/Clock Pad** (page 10-11)
- (8) **Function Pad** (page 8, 9)
- (9) **More/Less Pad** (page 14)
- (10) **Popcorn Pad** (page 10)
- (11) **Quick Min Pad** (page 12)
- (12) **Bacon Pad** (page 12)
- (13) **Stop/Reset Pad**
Before cooking: One tap clears your instruction.
During cooking: One tap temporarily stops the cooking process. Another tap cancels all your instructions and time of day or colon appears on the screen.
- (14) **Start Pad**
One tap allows oven to begin functioning. If door is opened or **Stop/Reset Pad** is pressed once during oven operation, **Start Pad** must again be pressed to restart oven.

Prompters:

When pads are pressed, a beep sound is heard and the corresponding letter or word(s) appear and roll across the Menu Action Screen. If a pad is pressed and no beep is heard, the unit has not or cannot accept the instruction. As each pad is pressed, the corresponding word(s) roll across the screen. Words will automatically appear to prompt user to perform the next step. It is not necessary to wait for the words to appear before pressing pads for the next step. A two beep sound is usually heard between stages.

Let's Start to Use Your Oven!

1 Plug in

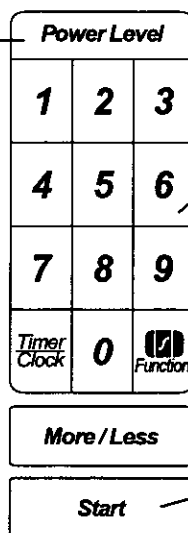
Plug into a properly grounded electrical outlet. "WELCOME TO PANASONIC REFER TO OPERATING INSTRUCTIONS BEFORE USE" scrolls across the Menu Action Screen.

2 Place a cup of water in the oven

Open the door and place a cup of water on the Glass Tray in the oven. Then close the door.

3 Select Power Level

e.g. MEDIUM Power — Press **Power Level** Pad four times (see page 10 for chart)



4 Set Cooking Time using number pads

e.g. 1 minute 30 seconds




5 Press Start

► The time in the Menu Action Screen will count down.

A unique feature of your PANASONIC 1100w microwave oven is the FUNCTION pad. The initial settings of your microwave are LANGUAGE = ENGLISH, WEIGHT = LB, WORD SPEED = MEDIUM, MENU ACTION SCREEN = ON, CHILD LOCK = OFF, BEEP = ON, REMINDER BEEP = OFF, DAYLIGHT SAVING = OFF, CLOCK = ON, DEMO MODE = OFF. To change any setting, see page 9 (FUNCTION PAD) for other options.

To Use Function Pad

1) 	Press: FUNCTION. Menu Action Message is "Select Function 0 through 9, 1--LANGUAGE CHOICE --- etc".
2) Select a number (0-9) Ex. CHILD LOCK is 5	Press 5: Menu Action Message is "5 -- CHILD LOCK ON/OFF"
3) Select <input type="text" value="1"/> , <input type="text" value="2"/> or <input type="text" value="3"/>	Press: One number. Your selection is now part of the operating system. You can change it any time.
4) Continue until you have completed your selections.	See page 9 for other options.

Functions

This unique feature of your PANASONIC microwave oven allows you to establish the initial non-cooking features of your oven such as CHILD LOCK, WORD SPEED, LANGUAGE CHOICE (ENGLISH, SPANISH OR FRENCH), plus many more. See below.


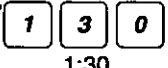



1	<p>LANGUAGE CHOICE</p> <p>The oven has English, French and Spanish display. The display appears in English when you plug-in.</p> <p>1 ENGLISH → Display appears in English. 2 FRANCAIS → Display appears in French. 3 ESPANOL → Display appears in Spanish.</p>
2	<p>Lb/KG CHOICE</p> <p>The oven has both imperial and metric weight measurements. The oven displays the weight in imperial when you plug it in.</p> <p>1 Lb → Weight can be set in oz/lb, (Imperial). 2 KG → Weight can be set in g/kg, (Metric).</p>
3	<p>WORD SPEED</p> <p>The speed of word scrolling in the Display Window can be quickened or slowed down.</p> <p>1 QUICK → Words scroll quickly. 2 MEDIUM → Scrolling speed reverts to initial setting. 3 SLOW → Words scroll slowly.</p>
4	<p>MENU ACTION ON/OFF</p> <p>MENU ACTION SCREEN helps you to program your oven by prompting the next step to be taken. When you become familiar with your oven, the prompting can be turned off.</p> <p>1 ON → Prompting Guide will reappear. 2 OFF → Prompting Guide will not appear.</p>
5	<p>CHILD LOCK ON/OFF</p> <p>The oven has Child Safety Lock feature which prevents use by children. It does not lock the door.</p> <p>1 ON → Child Lock has been set and operation will not be accepted. 2 OFF → Child Lock has been cancelled.</p>
6	<p>BEEP ON/OFF</p> <p>If you wish to have the oven operate with no beep, it can be eliminated.</p> <p>1 ON → Beep sound will reactivate. 2 OFF → Beep sound will not be heard.</p>
7	<p>REMINDER BEEP ON/OFF</p> <p>A reminder beep works to remind you to remove the food from the oven after the completion of cooking. It will occur every few seconds.</p> <p>1 ON → Reminder beep will work. 2 OFF → Reminder beep will not work.</p>
8	<p>DAYLIGHT SAVING ON/OFF</p> <p>1 ON → Time of day will advance one hour. 2 OFF → Time of day revert to original setting.</p>
9	<p>CLOCK ON/OFF</p> <p>Clock display can be turned off.</p> <p>1 ON → Clock display will appear in the Display Window. 2 OFF → Clock display will not appear in the Display Window. Time of day will not be lost while the display is off.</p>
0	<p>DEMO MODE ON/OFF</p> <p>Demo mode is designed for retail store display. In this mode, the oven can be demonstrated with no power in the oven.</p> <p>1 ON → The oven will be in demo mode. 2 OFF → The oven will be out of demo mode.</p>

Power & Time Setting

How do I program Power and Time?

Example: To cook at MEDIUM Power for 1 minute 30 seconds

1.  Med = 4 times	• Select Power Level . (according to the chart below)
2.  1:30	• Set cooking time using number pads. (up to 99 minutes and 99 seconds for a single stage)
3. 	• Press. ▶Cooking will start. The time on the screen will count down. To recall the selected power level, press Power Level Pad at any time.

Press	Power Level	% Power
once	P100 (HIGH)	100%
twice	DEF (DEFROST)	30%
3 times	P 70 (MEDIUM-HIGH)	70%
4 times	P 50 (MEDIUM)	50%
5 times	P 30 (MEDIUM-LOW)	30%
6 times	P 10 (LOW)	10%


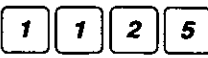

NOTES:

- For 2 or 3 stage cooking, repeat steps 1 and 2 above before pressing **Start** Pad.
- When selecting HIGH Power on the first stage, you can start from step 2.
- Two beeps will sound between each stage of programming. Five beeps will sound at the end of the sequence.
- For manual reheating, use HIGH for liquids, MEDIUM-HIGH (P70) for small portions, and MEDIUM (P50) for dense foods.

To Set Clock

You can use the oven without setting the clock.

Example: To set 11:25



1. 	• Press twice. ▶Colon will blink.
2. 	• Enter time of day using the number pads. ▶Time appears on the screen; colon blinks.
3. 	• Press. ▶Dot stops blinking; time of day is entered and locked onto the screen.

NOTES:

- To reset time of day, repeat step 1 through step 3.
- The clock will keep the time of day as long as oven is plugged in and electricity is supplied.
- Clock is a 12-hour display.

To Use Popcorn Pad

Example: To heat 3.5 oz. of prepackaged microwave popcorn

1. 	• Press until the desired weight of prepackaged microwave popcorn appears on the screen. (3.5 oz., 3.0 oz., or 1.75 oz.)
2. 	• Press Start Pad. ▶Cooking time appears in the display and begins to count down.

NOTES ON POPCORN PAD:

- Use prepackaged room temperature microwave popcorn. Read manufacturers' instructions.
- Place bag in oven according to manufacturers' directions.
- Pop only one bag at a time.
- After popping, open bag carefully, popcorn and steam are extremely hot.
- Do not reheat unpopped kernels or reuse bag.
- The recommended weights are already programmed in the memory.
- Never** leave oven unattended when popping popcorn.

Press Pad	Weight
once	3.5 oz. (99g)
twice	3.0 oz. (90g)
3 times	1.75 oz. (50g)




CAUTION:

If pre-packaged popcorn is of a different weight than those on the chart, do not use the popcorn setting, or inadequate popping or a fire may occur. Follow the manufacturers' instructions.






To Set Timer

This feature allows you to program a Standing Time after cooking is completed and to program the oven as a minute timer and/or to program a delay start.

To Use as a Kitchen Timer:


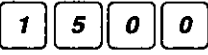



Example: To count 5 minutes	
1. 	• Press Timer/Clock Pad once.
2.  5:00	• Set desired amount of time using number pads. (up to 99 minutes and 99 seconds)
3. 	• Press Start Pad. ▶ Time will count down without oven operating.

To Set Standing Time:

Example: To stand for 5 minutes after cooking (3 mins. at MEDIUM Power)	
1.  Med = 4 times ↓  3:00	• Set the desired cooking program (power level and time).
2. 	• Press Timer/Clock Pad once.
3.  5:00	• Set desired amount of Stand Time using number pads. (up to 99 minutes and 99 seconds)
4. 	• Press Start Pad. ▶ Cooking will start. After cooking, standing time will count down without oven operating.

To Set Timer (cont.)

To Set Delay Start:

Example: To delay the start of cooking for 15 mins. (3 mins. at MEDIUM Power)	
1. 	• Press Timer/Clock Pad once.
2.  15:00	• Set desired amount of delayed time using number pads. (up to 99 minutes and 99 seconds)
3.  Med = 4 times ↓  3:00	• Set the desired cooking program (power level and time).
4. 	• Press Start Pad. ▶ Delayed time will count down. Then cooking will start.

NOTES:

1. If oven door is opened during the Standing Time or Kitchen Timer, the time in Display Window will continue to count down.
2. Delay Start cannot be programmed before any Auto Control Function. This is to prevent the starting temperature of the food from rising before defrosting or cooking begins. A change in the starting temperature could cause inaccurate results.
3. At the end of the entire sequence, you will hear 5 beeps.

Defrosting Tips & Techniques

1. Freeze meats, poultry and fish in packages with **only 1 or 2 layers** of food. Place wax paper between layers.
2. **Package** in heavy-duty plastic wraps, bags or freezer paper.
3. **Remove as much air** as possible.
4. Wrap should be snug against food, sealed securely and labeled.
5. **Remove wrapper** to prevent holding steam and juice. **Juice of food** can get hot and cause the outer surface or bottom of the food to cook; set the food on a microwave roasting rack and drain liquid during defrosting.
6. **Place meat in an appropriate size dish.**
7. **Place roast fat-side down and whole poultry breast-side down** on a microwave roasting rack in a dish.
8. Place small items on a microwave roasting rack in a dish.
9. **Large roasts and whole poultry** may still be icy in center after defrosting, allow to stand in the refrigerator covered with plastic wrap (see chart below).
10. Fish and seafood should be slightly icy after defrosting, allow to stand and rinse under cold water for 2-3 minutes.
11. Defrosted items in 2 layers should be **rinsed separately** or **have a longer stand time.**

FOOD	DEFROST TIME (min. per pound)	DURING DEFROSTING	AFTER DEFROSTING	
			Stand Time	Rinse
Fish and Seafood [up to 3 lb. (1.5 kg)]				
Crabmeat	12 to 14	Break apart	5 min.	NO
Fish Steaks	6 to 10	Turn over		
Fish Fillets	6 to 8	Turn over/Rearrange		
Sea Scallops	14 to 16	Break apart/Remove defrosted pieces		
Shrimp medium	8 to 10	Break apart/Remove defrosted pieces		
Whole fish	10 to 12	Turn over		YES
Meat				
Ground Meat	8 to 10	Turn over/Remove defrosted portion/Shield edges	10 min.	NO
Roasts [2½ - 4 lb. (1.2 - 2 kg)]	8 to 12	Turn over/Shield ends and defrosted surface	30 min. in refig	
Chops/Steak	8 to 10	Separate/Turn over/Rearrange	5 min.	
Ribs/T-bone	8 to 10	Turn over/Shield		
Stew Meat	10 to 12	Break apart/Shield		
Liver (thin sliced)	8 to 10	Drain liquid/Turn over/Separate pieces		
Bacon	4 to 6	Turn over		
Poultry				
Chicken, Whole [up to 3 lb. (1.5 kg)]	6 to 10	Turn over 2 or 3 times/Shield defrosted parts	20 min. in refig	YES
Cutlets	6 to 8	Turn over	5 min.	NO
Pieces	8 to 10	Separate	10 min.	
Cornish Hens	8 to 12	Turn over/Rearrange		20 min. in refig
Turkey Breast [5 - 6 lbs. (2.5 - 3 kg)]	8 to 12	Turn over 2 to 3 times		

Sensor Reheat / Sensor Cooking

The **GENIUS** feature allows you to reheat/cook most of your favorite foods without having to select reheating/cooking times and power levels. THE OVEN DOES IT ALL FOR YOU.

Sensor Cook Pads

<p>1) Select SENSOR PAD ex. Potatoes (any quantity)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">Potato</div>	<p>PRESS until proper food is displayed. MENU ACTION MESSAGE is "POTATO -- PRESS START".</p>
<p>2) MORE/LESS* Optional</p>	
<p>3)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">Start</div>	<p>PRESS. Cooking will start. After steam is detected by the SENSOR, 2 beeps will sound, the remaining cooking time appears in the Display Window and begins to count down. 5 beeps will sound at the end of cooking. To recall the selected category during cooking, press any sensor cooking pad. The category will appear in the display.</p>

*MORE/LESS PAD

Preferences for food doneness vary with each individual. After having used Sensor Cooking a few times, you may decide you would prefer your food cooked to a different doneness. By using the **More/Less** pad, the programs can be adjusted to cook food for a longer or shorter time.

- 1 tap = MORE cooking
- 2 taps = LESS cooking
- 3 taps = returns to original setting

Press **MORE/LESS** before pressing **START**.

Sensor Reheat Pad

<p>1)</p> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: 40px; margin: 10px auto; text-align: center;">Sensor Reheat</div>	<p>PRESS. MENU ACTION MESSAGE is "SENSOR REHEAT -- PRESS START".</p>
<p>2) MORE/LESS* Optional</p>	
<p>3)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">Start</div>	<p>PRESS. MENU ACTION MESSAGE is "AUTO". Sensor evaluation begins. After 2 beeps, display will count-down.</p>

NOTES ON SENSOR REHEAT:

Casseroles - Add 3 to 4 tablespoons of liquid; cover with lid or plastic wrap. Stir when time appears in the Display Window.
Canned foods - Empty contents into casserole dish or serving bowl; cover dish with lid or plastic wrap. After reheating, release plastic wrap and stand.
Plate of food - Arrange food on plate; top with butter, gravy, etc. After reheating, release plastic wrap and stand.


Follow the recommendations on page 15, in addition to the following:

DO NOT:

1. Reheat bread and pastry products. Use manual power and time for these foods.
2. Reheat raw or uncooked food.
3. Use if oven cavity is warm.
4. Use for beverages.
5. Use for frozen foods.

Sensor Cooking / Sensor Reheat

The **GENIUS** feature allows you to cook/reheat most of your favorite foods without having to select time or power. The **GENIUS** feature does it all for you.

Key Pad	Weight Range	Instructions	
	At least ¼ lb (4 oz)	Place cooked food (usually refrigerator or room temperature) on a plate or in bowl. Cover with plastic wrap or lid. After reheating, let stand 5 minutes.	
Potato	any size	Pierce at least 6 times on the top of the potato and place on a microwave safe dish. Do not cover. Let stand 5 minutes.	
Fresh Vegetables	any size	Add water. Cover loosely with lid or plastic wrap. After 2 beeps, stir or rearrange.	
Frozen Vegetables	any size	Add 2 tbsp. of water. Do not cook with butter or sauce. Cover with plastic wrap. After 2 beeps, stir or rearrange.	
Frozen Entrees	any size	Lift corner of covering to create small opening. Do not remove entire covering.	
Frozen Dinners	any size	Follow manufacturers' directions for covering or removing covers. For best results, do not use frozen foods packaged in foil tray. After 2 beeps, stir or ladle gravy sauce according to package directions.	
Rice/ Pasta	1 x Rice	Rice . . . Cold water ½ cup . . . 1 cup 1 cup . . . 2 cups 1½ cup . . . 3 cups 2 cups . . . 3½ cups	Place rice and cold water with ¼ to 1 teaspoon salt. Cover with lid or plastic wrap. After beep, stir several times. After cooking, stir and let stand 5 to 10 mins.
	2 x Pasta		Place 1½-quarts of hot water, pasta, 1 tbsp. oil and 1 tsp. salt in a 4-qt. casserole. Cover with lid. Stir after the beep and after cooking. Let stand covered.
Soup/ Sauce	1 x Soup	any amount	Pour soup into microwave-safe container. Cover loosely with lid or plastic wrap.
	2 x Sauce	any amount	Pour sauce into microwave-safe container. Cover loosely with lid or plastic wrap.
Seafood	1 x Fish Fillets	½ - 1½ lb. (230 - 680 g)	Arrange in a single layer on dish. Cover with lid or plastic wrap. Stir or rearrange after beep.
	2 x Shellfish	½ - 1½ lb. (230 - 680 g)	
Poultry/ Meat	1 x Chicken Pieces	½ - 2 lb. (230 g - 1 kg)	Place skin-side down. Cover completely with plastic wrap. Rearrange after beep.
	2 x Whole Chicken	up to 6 lb. (3 kg)	Place breast-side down. Cover completely with plastic wrap. After beep, turn breast-side up, recover.
	3 x Pork Chops	2 - 4 chops	Cover completely with plastic wrap. After beep, turn over, recover.
	4 x Ground Meat	½ - 2 lb. (230 g - 1 kg)	Break apart in glass bowl or colander. Cover loosely with plastic wrap. After 2 beeps, the oven will stop and time will appear in the Display Window. Stir to break meat apart. Press Start . Display

For the best results with the **GENIUS**, follow these recommendations.

BEFORE Reheating/Cooking

1. The room temperature surrounding the oven should be below 95° F (35° C).
2. Food weight should exceed 4 oz. (120 g).
3. Glass Tray and outside of container should be dry.
4. Cover food loosely but completely with plastic wrap, or place foods in a casserole dish with a proper fitting lid.
5. All foods should be taken from their normal storage place.

DURING Reheating/Cooking:

DO NOT open the oven door until 2 beeps sound and time appears in the Display Window. Doing so will cause inaccurate cooking since the steam from food is no longer contained within the oven cavity. Once the timer begins to count down, the oven door may be opened to stir, turn, shield, rearrange, mix or add foods.

AFTER Reheating / Cooking:

All foods should have a covered stand time.

Vegetables

To Cook Fresh Vegetables

Weights given in the chart are weights after peeling, trimming, etc. Prepare vegetables for cooking; cut slice or trim as directed in chart. Cook vegetables in covered casserole dish, except for whole, unpeeled vegetables.

Whole, unpeeled vegetables, such as potatoes or eggplant, should be pierced before cooking and arranged on microwave-safe dish in the oven. Arrange potatoes in a circular pattern on the dish.

TO COOK BY TIME: Cook according to the time recommended in the chart. Two-thirds of the way through cooking, stir, rearrange, and/or turn vegetables over.

TO COOK BY SENSOR (GENIUS): Select category. When time appears in the Display Window, stir vegetables. After cooking, stir vegetables. Let stand, covered, 3 - 5 minutes.

To Cook Frozen Vegetables

Empty package of vegetables into glass container. Add 2 tablespoons of water. Cover dish with lid or with plastic wrap. Cook on **Frozen Vegetables**.

For frozen vegetables in a pouch, pierce a hole in the pouch, place in casserole dish, and cook on **Frozen Vegetables**. After cooking, stir and let stand, covered, 3 minutes before serving.

DO NOT cook frozen vegetables which contain any type of butter or sauce with a SENSOR COOK PAD.

Never leave oven unattended when heating small amounts of foods such as one or two potatoes. Potatoes may catch fire if overcooked and cause severe damage to the oven and its surroundings.

Vegetable Chart - Manual and Sensor Cooking

Vegetable	Amount	Water	Manual Cooking		Sensor Cooking Category (Any Amount)
			Power	Time (Mins.)	
Artichokes, 6 to 8 oz. ea., wrap in plastic wrap or place in covered dish.	1 2	2 tbsp. ¼ cup	Med. High	6 - 8	Fresh Vegetables
Asparagus, 6-in spears	½ lb. (250 g)	2 tbsp.	High	3½ - 4½	Fresh Vegetables
Beans, green/wax, cut into 1½ in. pieces.	1 lb. (500 g)	¼ cup	Med. High	9 - 11	Potato
Beets	1 lb. (500 g)	½ cup	High	17 - 19	Potato
Broccoli, Flowerets	1 lb. (500 g)	¼ cup or less	High	5½ - 6½	Fresh Vegetables
Brussels Sprouts	1 tub 10 oz. (300 g)	¼ cup	High	5½ - 6½	Potato
Cabbage, wedges	1 lb. (500 g)	¼ cup	High	7 - 9	Fresh Vegetables
Carrots, sliced ½ in. thick medium soft al dente	1 lb. (500 g)	¼ cup	High	7 - 9	Potato (use <i>More/Less</i>)
Cauliflower, flowerets, whole	1 lb. (500 g)	¼ cup	High	7 - 9	Fresh Vegetables
Corn, fresh on the cob (in husk) cook uncovered	1 ear 2 ears	none	High High	3 - 4 5 - 6	Fresh Vegetables
Eggplant, (fresh cubed, or sliced)	1 lb. (500 g)	¼ cup	Med. High	6 - 8	Fresh Vegetables
Spinach, leaf	1 lb. (500 g)	2 tbsp.	High	6 - 7	Fresh Vegetables
Okra	½ lb. (250 g)	none	High	3½ - 4½	Fresh Vegetables
Potatoes, 6 to 8 oz. each Cook uncovered, turn over halfway through cooking time. Pierce top skin at least 6 times with fork before cooking.	1 2 3 4	none	High	4 - 5 7 - 8 10 - 11 12 - 13	Potato
Squash, Summer, sliced ½ in. thick (yellow, zucchini, etc.)	1 lb. (500 g)	none	High	7 - 8	Fresh Vegetables
Squash, Winter, Cut in half, scoop out seeds, wrap in plastic wrap.	1 lb. (500 g)	none	Med. High	6 - 7	Potato
Turnips	1 lb. (500 g)	¼ cup	High	9 - 11	Potato
Rutabaga	1 lb. (500 g)	¼ cup	High	13 - 15	Potato

Poultry

Directions for Roasting Poultry

Season as desired, but salt only after cooking.

Browning sauce mixed with equal parts of butter will enhance appearance. Poultry may be stuffed or unstuffed. Tie legs together with cotton string. Whole chicken should be placed breast-side down on a microwave roasting rack set in a shallow casserole dish. Cover with plastic wrap.

During cooking it may be necessary to shield legs, wings and breast bone to prevent overcooking. Wooden toothpicks can be used to hold foil in place.

If large amount of juice accumulates in the bottom of the dish, drain juices. Reserve for making gravy.

After cooking, check the temperature of large chickens and turkeys with a meat thermometer. Check the temperature in both thigh muscles. If the thermometer touches bone, the reading may be inaccurate.

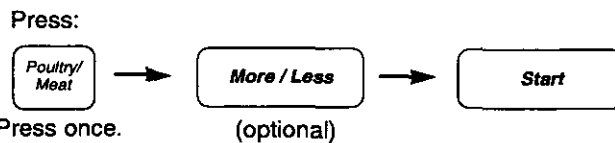
DO NOT use a conventional thermometer in the oven when cooking by microwave. Use only a microwave-safe thermometer.

To Cook Chicken Pieces:

Arrange pieces skin-side up, with meatier portions toward edge of dish. Cover with plastic wrap. Poultry is cooked when juices are clear. If there is a slight pink color in the juice, return poultry parts to the oven and cook one or two minutes longer.

or

Cook by **SENSOR**.

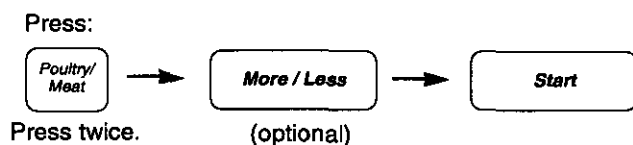


To Cook Whole Poultry:

Use the recommended power level. Use the recommended minutes per pound to calculate the time.

or

Cook by **SENSOR**



Poultry Chart for Sensor & Time Cooking

POULTRY	SENSOR COOKING CATEGORY	MANUAL COOKING POWER & TIME [time - min./lb. (450 g)]		TEMP. AFTER COOKING	SPECIAL INSTRUCTIONS
Cornish Hens, whole [1 to 1½ lb. (500 to 700 g) ea.]	WHOLE CHICKEN	Medium	17 min./lb.	180°F–190°F (80°C–90°C)	Place breast-side up. Stand time 10 minutes.
Chicken parts [up to 4 lb. (2 kg)]	CHICKEN PIECES	Medium-High	10 - 11 min./lb.	180°F–190°F (80°C–90°C)	Place skin-side up. Cover with plastic wrap. Stand time 5 minutes.
Chickens, whole [up to 6 lb (3 kg)]	WHOLE CHICKEN	Medium-High	11 - 13 min./lb.	180°F–190°F (80°C–90°C)	Place breast-side down. Cover with plastic wrap. Halfway through cooking, turn over. Stand time 10 minutes.
Turkey Breast (about 12 oz.)	WHOLE CHICKEN	Medium	12 - 14 min./lb.	180°F–190°F (80°C–90°C)	Place breast-side up. Stand time 10 minutes.
Turkey, parts	WHOLE CHICKEN	Medium	12 to 14	180°F–190°F (80°C–90°C)	Stand time 10 minutes.

Microwave Shortcuts

FOOD	POWER	TIME (in minutes)	DIRECTIONS
To Melt Butter , ¼ pound To Soften Butter , ¼ pound	MEDIUM MEDIUM-LOW	1 - 2 ½ - 1	Remove wrapper and place butter in a microwave-safe dish.
To Melt Chocolate , 1 square (1 oz.) To Melt Chocolate , ½ cup chips	MEDIUM MEDIUM	2 - 3 2 - 3	Remove wrapper and place chocolate in dish. Stir before adding more time. Chocolate holds its shape even when softened.
To Separate Bacon , 1 lb.	HIGH	½ - 1	Remove wrapper. After heating, use a plastic spatula to separate slices.
To Soften Cream Cheese , 3 oz.	MEDIUM-LOW	½ - 1	Remove wrapper and place in a bowl.
Cup of Water 1 cup (8 oz.) 2 cups (16 oz.) Cup of Milk 1 cup (8 oz.) 2 cups (16 oz.)	HIGH HIGH MEDIUM-HIGH MEDIUM-HIGH	4 6½ 3½ - 4½ 7 - 8	Heated liquids can erupt if not mixed with air. Do not heat liquids in your microwave oven without stirring first.
To Toast Coconut , ⅓ cup	HIGH	1 - 3	Place in a pie plate or bowl. Stir every 30 seconds.
To Brown Ground Beef , 1 lb.	HIGH	3 - 5	Crumble in microwave-safe colander set in another dish. Stir twice.
To Soften Ice Cream , ½ gallon	MEDIUM-LOW	3 - 4	—————
To Roast Nuts , 1½ cups	HIGH	3 - 5	Spread nuts in 9-inch pie plate. Stir twice.
To Toast Sesame Seeds , ¼ cup	HIGH	2½ - 4	Place in a small bowl. Stir twice.
To Soften Brown sugar	HIGH	½ - ¾	Place 1 cup hard brown sugar in dish with a slice of bread or a wedge of apple. Cover with plastic wrap.
To Remove Oven Odors	HIGH	5	Combine 1 to 1½ cups of water with the juice and peel of one lemon in a small bowl. After heating, wipe interior of oven with damp cloth.

Before Requesting Service

All these things are normal:

The oven causes interference with my TV.

Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, blow dryers, etc. It does not indicate a problem with your oven.

The oven lights dim.

When cooking with a power other than HIGH, the oven must cycle to obtain the lower power levels. The oven light will dim and clicking noises can be heard when the oven cycles.

Steam accumulates on the oven door and warm air comes from the oven vents.

During cooking, steam and warm air are given off from the food. Most of the steam and warm air are removed from the oven by the air which circulates in the oven cavity. However, some steam will condense on cooler surfaces such as the oven door. This is normal.

I accidentally ran my microwave oven without any food in it.

Running the oven empty for a short time will not damage the oven. However, we do not recommend operating the microwave oven without any food in it.

PROBLEM

POSSIBLE CAUSE

REMEDY

Oven will not turn on.

The oven is not plugged in securely.

Remove plug from outlet, wait 10 seconds and reinsert.

Circuit breaker or fuse is tripped or blown.

Reset circuit breaker or replace fuse.

There is a problem with the outlet.

Plug another appliance into the outlet to check if it is working.

Oven will not start cooking.

The door is not closed completely.

Close the oven door securely.

Start Pad was not pressed after programming.

Press **Start** Pad.

Another program entered already in the oven.

Press **Stop/Reset** Pad to cancel the previous program and program again.

The program is not correct.

Program again according to the Operating Instructions.

Stop/Reset Pad has been pressed accidentally.

Program oven again.

When the oven is turning on, there is noise coming from the glass tray.

The roller ring and oven bottom are dirty.

Clean these parts according to **Care of Your Microwave Oven** (next page).

If it seems there is a problem with the oven, contact an authorized Servicenter.

If you have any questions or it seems there is a problem with the oven, contact PANASONIC CUSTOMER SERVICE for assistance..
1-800-211-PANA(7262) (9 a.m. - 9 p.m., E.S.T., toll free).

Care of Your Microwave Oven

BEFORE CLEANING:

Unplug at socket of the oven. If impossible, leave oven door open to prevent oven from accidentally turning on.

AFTER CLEANING:

Be sure to replace the Roller Ring and Glass Tray in the proper position and press **Stop/Reset** Pad to clear the screen.

Inside of the oven:

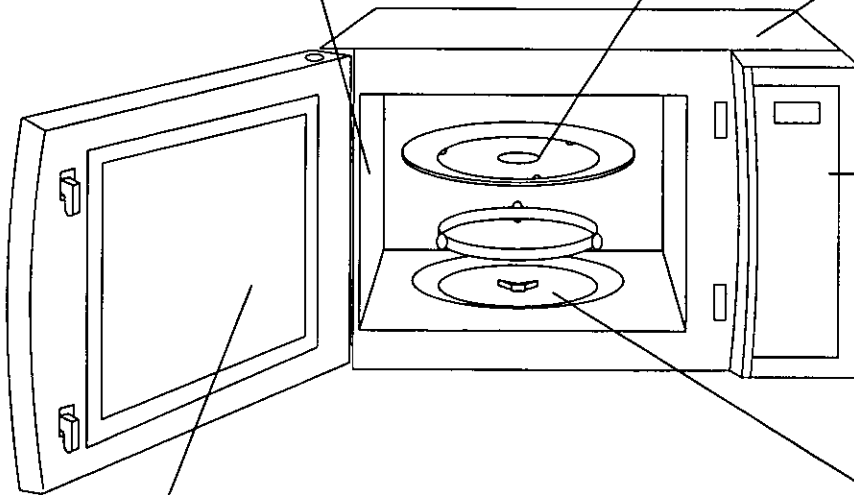
Wipe with a damp cloth. Mild detergent may be used if the oven gets very dirty. The use of harsh detergents or abrasives is not recommended.

Glass Tray:

Remove and wash in warm soapy water or in a dishwasher.

Outside oven surfaces.

Clean with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into ventilation openings.



Control Panel:

* Covered with a removable protective film to prevent scratches during shipping. Small bubbles may appear under this film.

(Hint - To remove film, apply masking or clear tape to an exposed corner and pull gently.)

* If the control panel becomes wet, clean it with a soft dry cloth. Do not use harsh detergents or abrasives on the control panel.

Oven Door:

Wipe with a soft cloth when steam accumulates inside or around the outside of the oven door. During cooking, especially under high humidity conditions, steam is given off from the food. (Some steam will condense on cooler surfaces, such as the oven door.) This is normal.

Roller Ring and oven cavity floor:

Wipe the bottom surface of the oven with mild detergent water or window cleaner and dry. Roller Ring may be washed in mild soapy water or dishwasher. These areas should be kept clean to avoid excessive noise.

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DESCRIPTION	PART NUMBER	PRICE
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