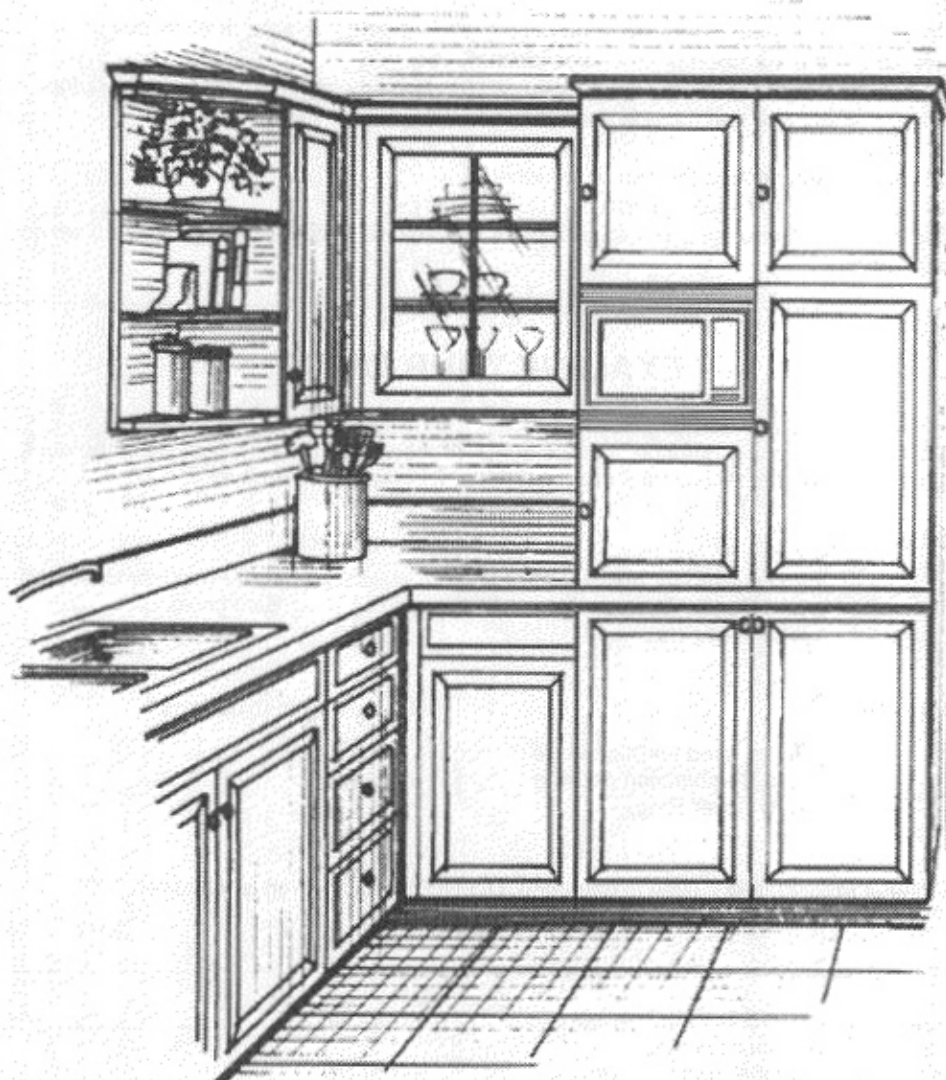


Panasonic®

Operating Instructions

Microwave/Convection Oven

Model NN-T888S



Before operating this oven, please read these instructions completely.
Antes de operar este producto, lea este instructivo en su totalidad.
La referencia rápida en español puede ser encontrada en la páginas 30- 47
(Spanish quick reference can be found on pages 30-47.)

*Thank you for purchasing the Panasonic Microwave/Convection Oven.
Let's Start to Use Your Oven! — page 12.*

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

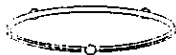
- (a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks. Under normal condition the oven will not operate with the door open.
- (b) Do not place any object 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.

EXAMINE YOUR OVEN

Unpack oven, remove all packing material.

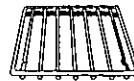
Examine the oven for any damage such as dents, broken door latches or cracks in the door. Check that none of the accessories are missing, by following the list below.

☐ **Roller Ring**



To be used for Microwave and Combination cooking with Glass Tray.

☐ **Oven Rack**



To be used for Bake and Broil cooking.

☐ **Glass Tray**



To be used for Microwave and Combination cooking with Roller Ring.

☐ **Operating Instructions**

☐ **Cookbook**

Notify dealer immediately if oven is damaged. **DO NOT** install if oven is damaged.

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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Before Operation

Operation & Hints

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IMPORTANT SAFETY INSTRUCTIONS

Before Operation

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 "**PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY**," found on page 2.
3. This appliance must be grounded. Connect only to a properly grounded outlet. See "**Grounding Instructions**" found on page 5.
4. Install or locate this appliance only in accordance with the installation instructions found on page 5.
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, or cook 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. As with any appliance, close supervision is necessary when used by children.
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 the 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 qualified service person.
2. **DO NOT** use the microwave function when the oven is 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 danger of a fire.
3. **DO NOT** use this oven to heat chemicals or 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 the oven. They may catch on 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 the control panel. Damage to the controls may occur. Fire can result.
8. **DO NOT** store flammable materials next to, on top of, or in the oven. These could be fire hazards.
9. **POT HOLDERS** may be needed when handling dishes. Heat is transferred from the hot food to the cooking container and from the cooking container to Glass Tray. Glass Tray can be very hot after removing cooking container from oven.
10. Before using the **BAKE**, **COMBINATION** or **BROIL** functions for the first time, operate the oven without food on **BROIL** for 20 minutes. This will allow the oil that is used for rust protection to be burned off.
11. Door and exterior will get hot during **BAKE**, **COMBINATION** and **BROIL**. Please handle door carefully.

SAVE THESE INSTRUCTIONS

Installation & GROUNDING INSTRUCTIONS

Installation of Your Oven

1. This oven is designed for installation into a wall cabinet by using the proper trim kit (NN-TK808S/NN-TK818S) available from a local Panasonic dealer. Follow all installation instructions packed with trim kit.
2. This oven must be installed so that no part is located less than 5 feet (1.52 m) above floor level.
3. **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.
4. 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 it is uncertain whether the appliance is properly grounded or not.

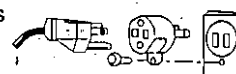
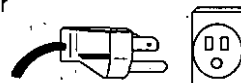
If it is necessary to use an extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to, or greater than, the electrical rating of the appliance.

Power Supply

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. Longer cord sets or extension cords are available and may be used if care is exercised in their use.
3. 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 countertop or tabletop where it can be pulled on by children or tripped over accidentally.

Wiring Requirements

1. 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 or the circuit breaker may trip, or the food may cook slower than recommended in this manual.
2. 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.
3. 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.
4. A **TEMPORARY CONNECTION** with a two-prong adapter may be made where **LOCAL CODES PERMIT** it. 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

1. Operation of the microwave oven may cause interference to your radio, TV or similar equipment.
2. When there is interference, it may be reduced or eliminated by taking the following measures:
 - a. Clean door and sealing surfaces of the oven. (See Care of Your Microwave Oven found on page 29.)
 - b. Place the radio, TV, etc. away from the microwave oven as far as possible.
 - c. Use a properly installed antenna to obtain stronger signal reception.

Fan Motor Operation

After using the oven the fan motor rotates to cool the electric components. This is perfectly normal, and you can take out the food from the oven while the fan operates.

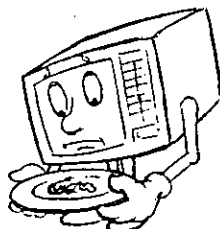
Practical Hints

Before Operation

Follow These Safety Precautions When Cooking in Your Oven

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

- Do not use your combination oven for home canning or the heating of any closed jar. Pressure will build up and the jar may explode. In addition, the combination 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. 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.



- 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 combination oven. Never leave oven unattended when popping popcorn.

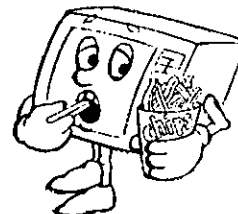
CAUTION:

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 24). If these instructions are not followed, the popcorn may not pop adequately or may ignite and cause a fire.

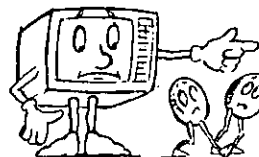
3) DEEP FAT FRYING

- Do not attempt to deep fat fry in your microwave oven. Oil can be heated beyond ideal temperatures very quickly in a microwave oven. Temperatures can climb high enough for the cooking oils to reach their respective flash points and burst into flames. The heated oil may bubble and spatter causing possible damage to the oven and perhaps resulting in burns. Additionally, microwave-safe utensils may not be able to withstand the temperature of the hot oil, and could result in the utensil shattering if it contains even a slight imperfection, scratch or chip.



4) EGGS

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



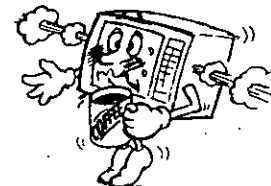
5) FOODS WITH NONPOROUS SKINS

- Potatoes, apples, egg yolks, whole squash and sausages are examples of foods with nonporous skins. This type of food must be pierced before cooking, to prevent their bursting.



6) LIQUIDS

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



Practical Hints

7) GLASS TRAY/COOKING UTENSILS/FOIL

- Cooking utensils get hot during cooking. Use potholders when removing utensils and Glass Tray from the oven or when removing lids or plastic wrap covers from cooking utensils to avoid burns.
- Glass Tray will get hot during cooking. It should be allowed to cool before handling or before paper products, such as paper plates, napkins or microwave popcorn bags, are placed in the oven for microwave cooking.
- During cooking, heat is transferred from the hot food to the cooking utensil and from the utensil to Glass Tray. Glass Tray can be very hot after removing cooking utensils from oven.
- 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 during Microwave or Combination cooking, 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

- Microwave browning dishes or grills are designed for microwave cooking only. Preheating times vary depending on the size of the browning dish and food being cooked. Always follow instructions provided by the browning dish or grill manufacturer. Do not preheat browning dish more than 8 minutes.
- If an oven cooking bag is used for Microwave cooking, prepare according to package directions. Do not use wire twist-tie to close bag. Instead use nylon tie, a piece of cotton string or a strip cut from the open end of the bag. Make six 1/2-inch slits by closure. Place oven cooking bag in a dish slightly larger than the food being cooked.

10) THERMOMETERS

- Do not use a conventional meat thermometer for Microwave or Combination cooking. Arcing may occur. Do not use a Microwave meat thermometer for Combination cooking or Bake. It may melt.

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/OVEN DOOR

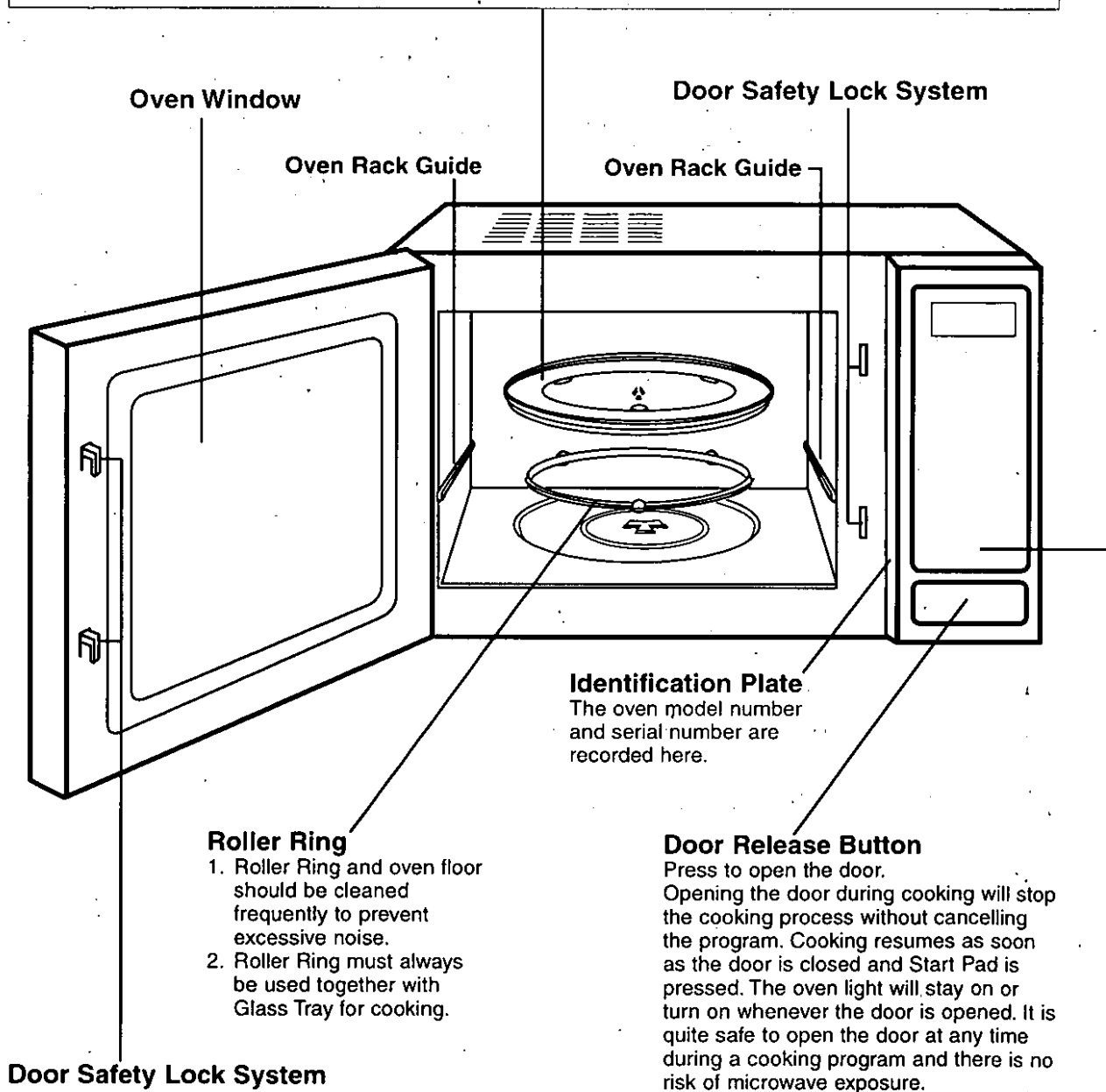
- Do not use the oven for any reason other than the preparation of food.
- Do not leave oven unattended while in use.
- The oven door and the interior walls will get hot during Combination, Bake and Broiling.

Feature Diagram

Before Operation

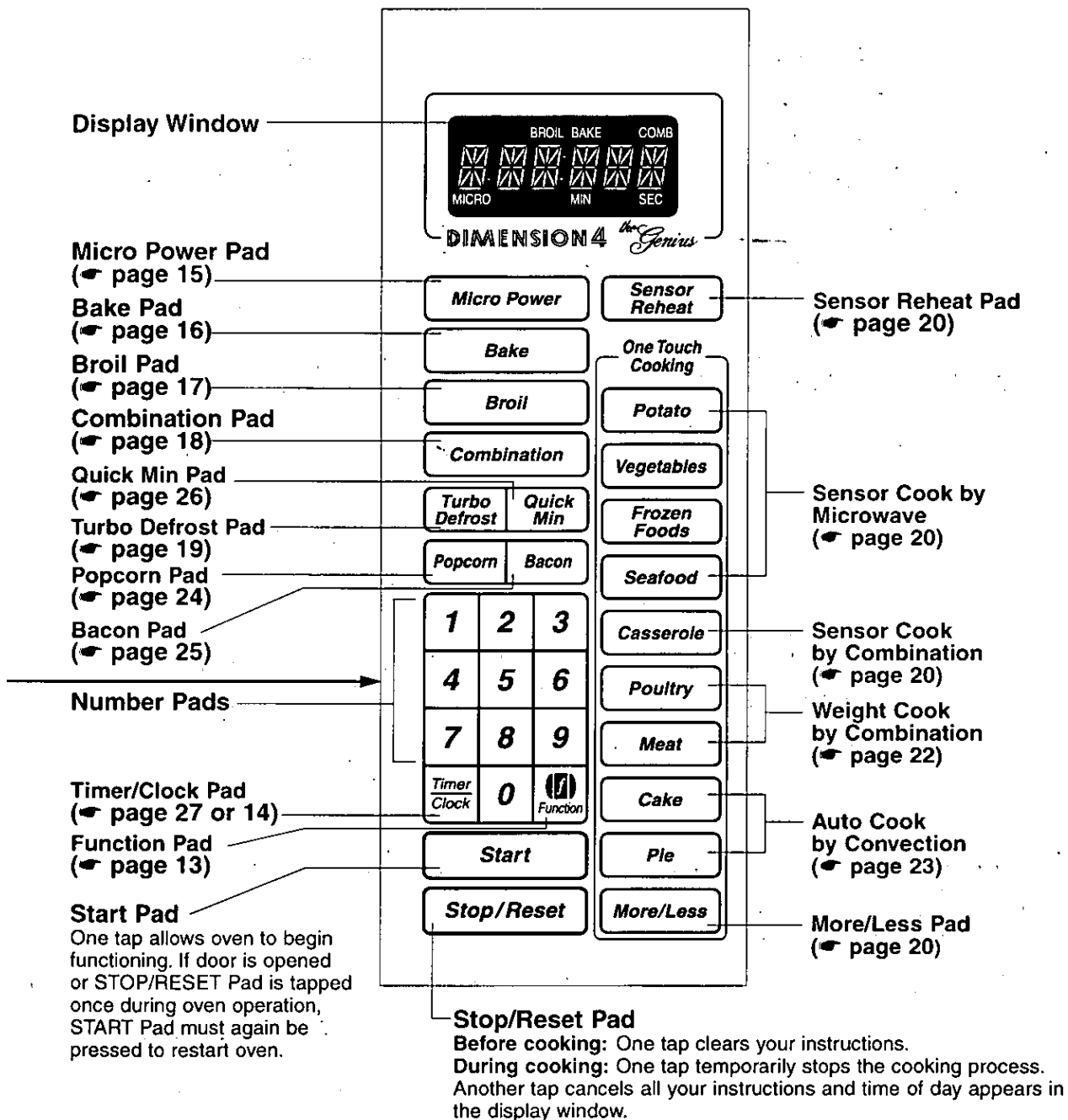
Glass Tray

1. Only use Glass Tray specifically designed for this oven. Do not substitute any other glass tray.
2. If Glass Tray is hot, allow to cool before cleaning or placing in water.
3. Do not cook directly on Glass Tray unless otherwise indicated. Always place food in a microwave-safe dish, or on a rack set in a microwave-safe dish.
4. If food or utensil on Glass Tray touches the oven walls, causing the tray to stop moving, the tray will automatically rotate in the opposite direction. This is normal.
5. Glass Tray can rotate in either direction.



Control Panel

Before Operation



Prompters:

When a pad is pressed, a beep sound is heard and the corresponding letter or word(s) appear and roll across the screen. If a pad is pressed and no beep is heard, the unit does 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 heard between stages. At the end of any complete program, the oven will beep five times.

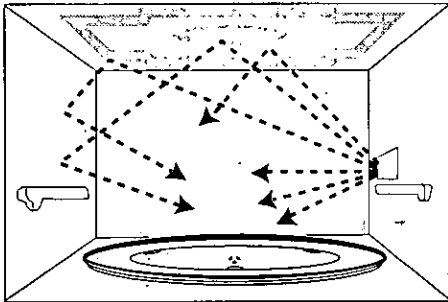
Cooking Modes: Heating Source

Before Operation

The diagram below shows examples of the accessories.

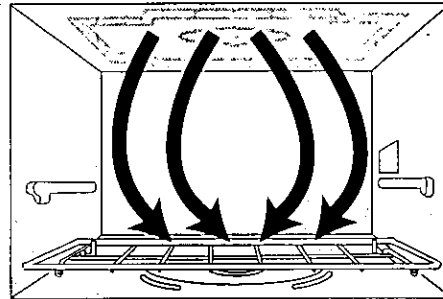
Use of these accessories may vary depending on the recipe/dish used. Further information can be found in the Cookbook.

Microwave



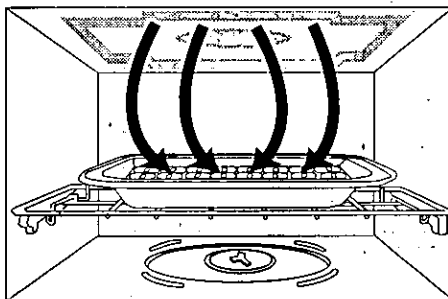
Place food in a microwave-safe dish.
Place the dish directly on the Glass Tray.

Bake



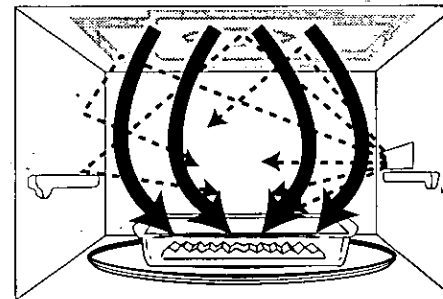
Remove the Glass Tray and Roller Ring.
Place the Oven Rack on the oven floor.
Place food in dish on the Oven Rack.

Broil



Remove the Glass Tray and Roller Ring.
Place the Oven Rack in the Rack Guides.
Place food on the Broiler Pan with the
Spatter Shield and place on the Oven
Rack.

Combination


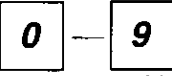



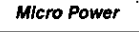






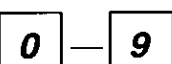









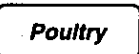










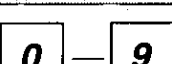





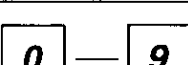



Place food in a microwave and heat-safe
dish. Place the dish directly on the Glass
Tray.

Microwave ← - - - - -

Heater ← —————

Quick Guide to Operation

Feature	How to Operate
To Use Function (see page 13)	 →  Select the number of feature.
To Set Clock (see page 14)	 →  →  Press twice. Press once.
To Use Micro Power and Time Setting (see page 15)	 →  →  Set cooking time.
To Cook on Bake (see page 16)	 → Press start if preheat required. →  →  Select oven temperature.
To Cook on Broil (see page 17)	 → Press start if preheat required. →  → 
To Cook on Combination (see page 18)	 →  → 
To Defrost using Turbo Defrost pad (see page 19)	 →  →  Set the weight of food.
To Reheat / Cook using Sensor Reheat / Sensor Cook pads (see page 20, 21)	e.g.  → 
To Use Weight Cook pads (by Combination) (see page 22)	e.g.  →  →  Set the weight of food.
To Use Auto Cook pads (by Bake) (see page 23)	e.g.  → 
To Cook using Popcorn / Bacon pads (see page 24, 25)	e.g.  or  → 
To Use Quick Min pad (see page 26)	 → 
To Cook using a Kitchen Timer (see page 27)	 →  → 
To Set Stand Time (see page 27)	Set desired cooking program. →  →  → 
To Set Delay Start (see page 27)	 →  → Set desired cooking program. → 

Before Operation