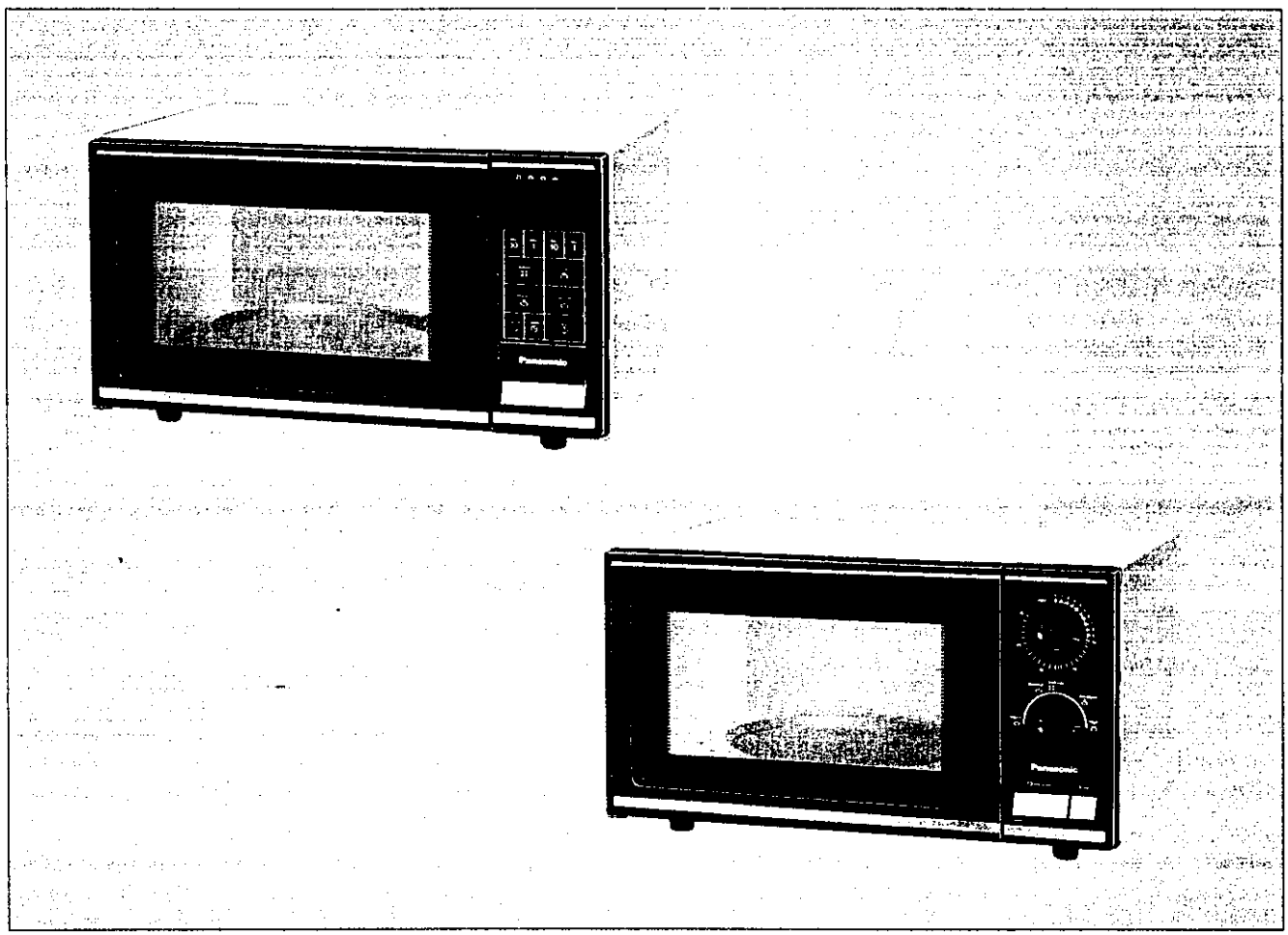
Operating Instructions

NE-562
NE-552



Panasonic

Before using your Microwave Oven, please read these instructions carefully.

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This appliance was produced to BS800: 1983.

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 closes properly and that there is no damage to the:

(1) door (bent).
(2) hinges and latches (broken or loosened).
(3) door seals and sealing surfaces.

(d) Do not operate the oven if it is damaged, until it has been repaired by a service technician trained by the manufacturer.

(e) As it is dangerous to perform repair service, the oven should not be adjusted or repaired by anyone except a service technician trained by the manufacturer.

Important Safety Instructions

When using electrical appliances, 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 this appliance.
2. This appliance must be earthed. Connect only to properly earthed outlet. See "Earthing Instructions" on this page
3. Some products such as whole eggs and sealed containers—for example, closed glass jars—may explode and should not be heated in this oven.
4. Use this appliance only for its intended use as described in this manual.
5. As with any appliance, close supervision is necessary when used by children.
6. 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.
7. This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair or adjustment.
8. Do not cover or block any openings on this appliance.
9. Do not use outdoors.
10. Do not immerse cord or plug in water.
11. Keep cord away from heated surfaces.
12. Do not let cord hang over the edge of table or counter.
13. 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.
14. To reduce the risk of fire in the oven cavity:
    (a) Do not overcook food. Carefully attend the appliance if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
    (b) Remove wire twist-ties from 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.
15. Remember that microwave cooks most foods much faster than conventional oven. Always refer to cook for cooking time until you become familiar with microwave cooking.

Installation

Examine Your Oven

Unpack the oven, remove all packing materials, 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 the oven is damaged.

Guarantee Card

Fill out and post the preaddressed registration card.

Earthing Instructions

IMPORTANT: FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY EARTHED.

When a wall socket is not earthed, it is the personal responsibility and obligation of the customer to have it replaced with a properly earthed wall socket.

Voltage and Power Warning

The voltage used must be the same as specified on this microwave oven. Using a higher voltage than that which is specified is dangerous, and may result in a fire or other type of accident causing damage.

Placement of Oven

1. Oven must be placed on a flat, stable surface. For proper operation, the oven must have sufficient air flow. Allow 10 cm of space at the back and 5 cm of space on the top of oven. Do not remove the feet.
   a. Do not block air vents on the cabinet. 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.
   b. Do not place the oven near a hot damp surface such as a gas, electric range or sink etc.
   c. Do not operate oven when room humidity is too high.
2. This oven was manufactured for domestic use only.

WARNING:
THIS APPLIANCE MUST BE EARTHED.
IMPORTANT:
The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured GREEN-and-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the safety earth symbol ⏚ or coloured GREEN or GREEN-and-YELLOW. The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Plug in Oven

When the oven is first plugged in, the colon will blink in the display window until the Clock Pad is pressed.

FOR PROPER USE OF YOUR OVEN READ REMAINING SAFETY CAUTIONS AND OPERATING INSTRUCTIONS.

Safety Points

General Use

1. Do not attempt to tamper with or make any adjustments or repairs to door, control panel housing, safety interlocks switches or any other part of the oven. Do not remove outer panel from oven. Repairs should only be done by a qualified serviceperson.

2. Do not turn on the oven when it is empty. In order to maintain the high quality of the magnetron tubes, you are requested not to turn the oven on whilst it is empty.

3. If a fire occurs in the oven, touch the Cancel Pad (turn the Timer off) and leave door closed. Disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

4. Do not attempt to dry clothes, newspapers or other materials in the oven. They may catch fire.

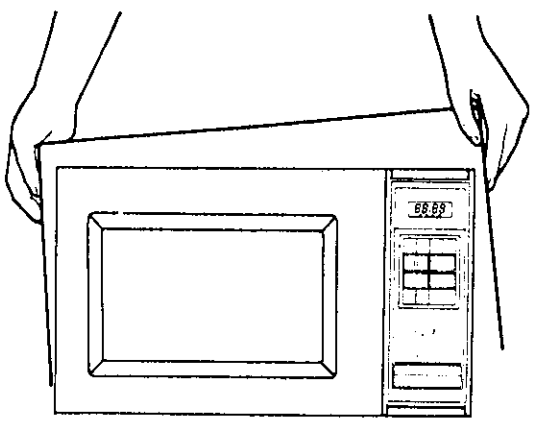
5. Do not use recycled paper products, as they may contain impurities which may cause sparks and/or fires when used.

6. Do not use newspapers or paper bags for cooking.

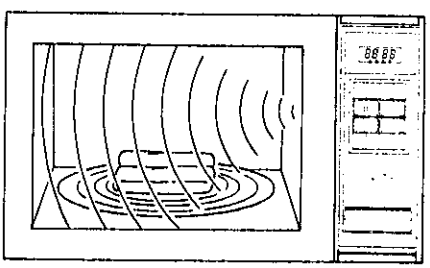
7. Do not hit or strike control panel. Damage to controls may occur.

8. Do not store flammable materials next to, on top, or in the oven. It could be a fire hazard.

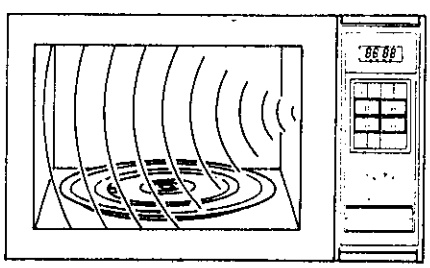
9. Do not use the oven without the glass tray and roller ring in place.



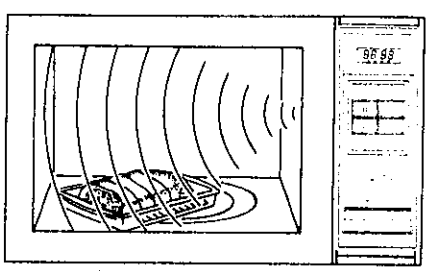
Do not open the cabinet.



Do not dry clothes or newspaper.



Do not turn on the oven when it is empty.



Do not use the oven without the glass tray and roller ring in place.

Food

1. Never use your microwave oven for home canning. The oven is not designed for canning. Improperly canned food may spoil and be dangerous to consume.

2. Cooking times given in the cookbook are approximate. Factors that may affect the cooking times are: preferred degree of cooking, starting temperature, altitude, volume, size and shape of foods and utensils used. As you become familiar with the oven, you will be able to adjust for these factors.

3. It is better to undercook rather than overcook foods. If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times.

4. Small quantities of food or foods with low moisture content can burn, dry out or catch on fire if cooked too long. If a fire occurs, touch the Cancel Pad (turn the Timer off) and leave oven door closed.

5. Do not boil eggs in their shell. Pressure may build up and the eggs will explode.

6. Potatoes, apples, egg yolks, tomatoes and sausage are examples of food with nonporous skins. These must be pierced using a fork or skewer before cooking to prevent bursting.

7. Do not attempt to deep fat fry in your oven.

8. Use a meat thermometer to check the degree of cooking of roasts and poultry. If undercooked, return to oven and cook for a few more minutes at the recommended power level. Do not use a conventional meat thermometer in the microwave oven. (See your cookbook for further information.)

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

Utensils

1. 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 on the glass tray for more than 8 minutes.

2. Metal containers or dishes with metallic rims should not be used. Arcing may occur.

3. Metal twist-ties may not be used in the microwave oven.

4. Do not use sealed jars or narrow neck bottles for cooking or reheating. They may shatter.

5. Do not use conventional thermometers in the microwave oven. They may cause arcing.

6. Remove plastic store wraps, before cooking or defrosting in the oven.

7. When using foil, skewers, warming rack or utensils made of metal in the oven, allow at least 2 cm of space between metal material and interior oven walls. If arcing (sparking) occurs remove metal material (skewers, etc.) and/or transfer to a non-metallic container.

Roller Ring

1. The roller ring and oven floor should be cleaned frequently to prevent excessive noise and food particle build up.

2. The roller ring together with the glass tray must always be used when cooking.

Glass Tray

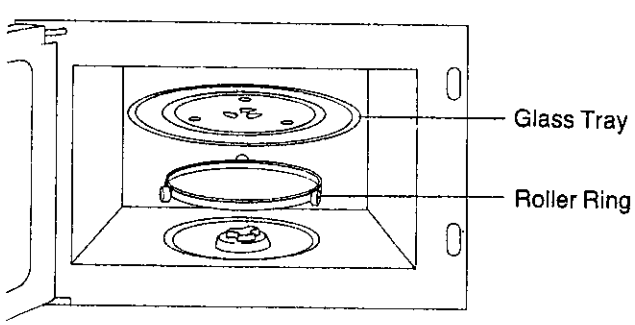
1. Do not operate the oven without the glass tray in place.

2. Do not use any other glass tray with this oven.

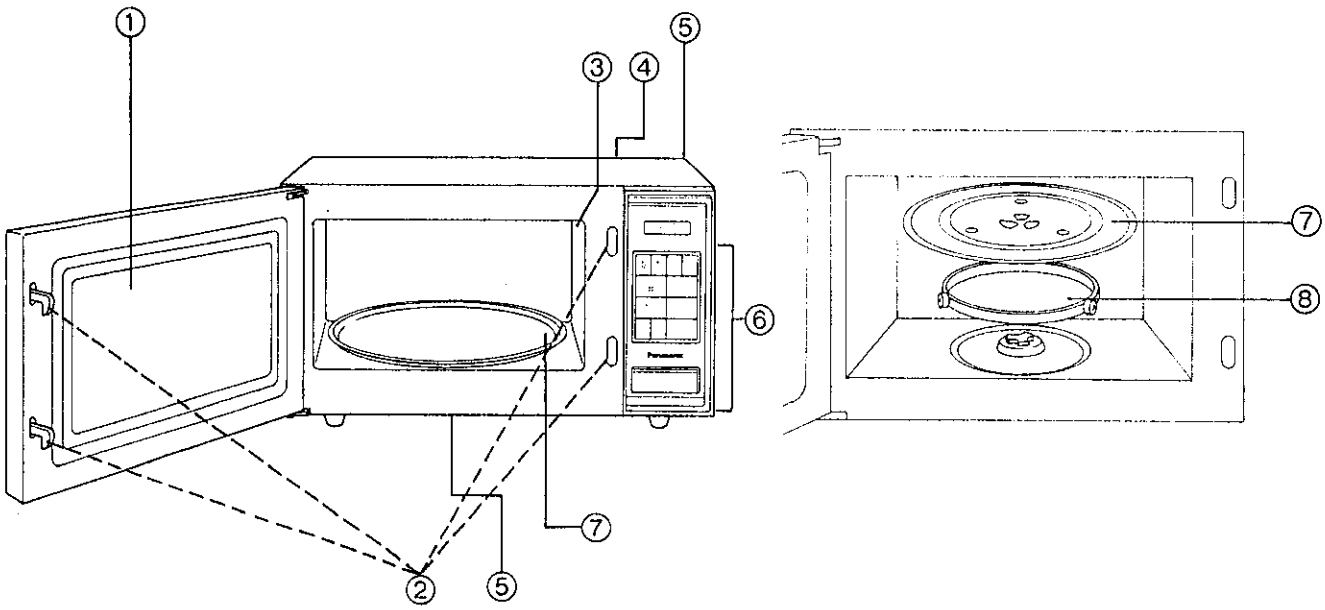
3. If glass tray is hot, allow to cool before cleaning or placing it in water.

4. Do not cook directly on the glass tray.

5. Do not place hot food or containers on a cold tray. Conversely, frozen food or containers on a hot tray.



Outline Diagram



① **Oven Window**

② **Door Safety Lock System**
Before any cooking function can begin, oven door must be securely shut.

③ **Oven Light**
Will turn on whenever the door is opened or during cooking.

④ **Oven Light Cover**
Allows easy access to replace the oven light.

⑤ **Oven Air Vents**
Never block air vents during cooking.

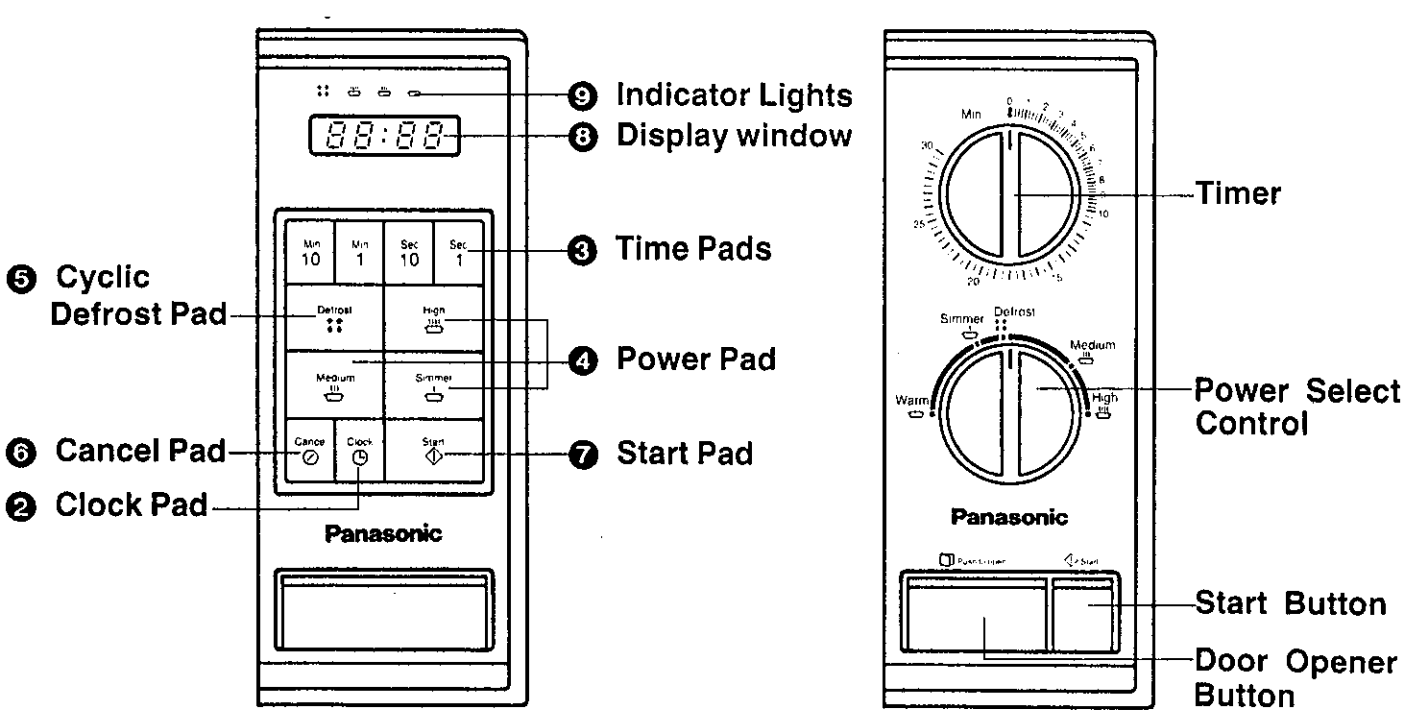
⑥ **Control Panel**
See below.

⑦ **Glass Tray**
Must be placed in the oven before cooking.

⑧ **Roller Ring**
Must be placed in the oven before cooking.

Control Panel

❶ **Controls with Auto Count-Up Feature**



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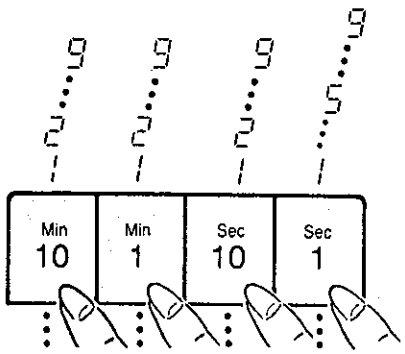
Manual Control

NE-562 Controls

❶ Auto Count Up:

The Time Pads are equipped with the Auto Count Up feature. By holding your finger on the pad, the readout in the display window will count up. After reaching the maximum function, the display will return to the starting point and continue to count up. To stop the readout simply remove your finger from the pad.
Note: When programming the oven, hold your finger firmly in the center of the pad.

Example:



❷ Clock Pad:

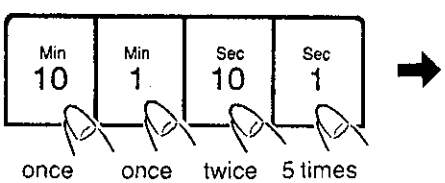
When oven is first plugged in, the colon in the display window will blink.

To set clock

Step 1. Enter time of day by pressing appropriate Time Pads.

►Time appears in display window; colon is blinking.
N.B.: This is a 12 hour clock.

Example: To set 11:25 (a.m. or p.m.),
touch Time Pads from left to right as follows:



Step 2. Touch Clock Pad.

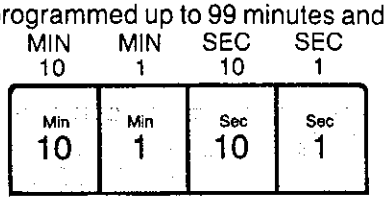
►Colon stops blinking; time of day is entered and locked into display.

NOTES ON CLOCK SETTING

1. Clock must be set before oven will operate.
2. To reset time of day touch Clock Pad twice within two seconds to clear the time. Colon will begin to blink. Enter the correct time of day by following the above procedures.
3. The clock will keep the time of day as long as oven is plugged in and electricity is supplied.

❸ Time Pads:

The Pads serve as a 10 minute pad, 1 minute pad, 10 second pad and 1 second pad from the left, and can be programmed up to 99 minutes and 99 seconds.



Example 1: To set 13 minutes 45 seconds
Touch;
10 MIN Pad: once
1 MIN Pad: 3 times
10 SEC Pad:4 times
1 SEC Pad: 5 times

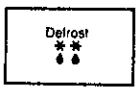
Example 2: To set 30 seconds
Touch;
10 SEC Pad: 3 times

❹ Power Pad:

The pads serve as a HIGH pad, MEDIUM pad and SIMMER pad from the left. The following is the approximate wattage for each level.

HIGH power	500 watts
MEDIUM power	400 watts
SIMMER power	180 watts

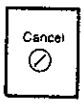
❺ Cyclic Defrost Pad:



When DEFROST is selected, the automatic cycle divides the defrosting time into 8 periods which alternate between defrost and stand.

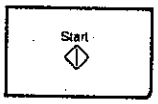
Note: When oven is operating at DEFROST power, Cyclic Defrost indicator light blinks.
The light remains on, but does not blink during built-in stand time.

❻ Cancel Pad:



Before cooking: One tap clears your instructions.
During cooking: One tap stops cooking process and cancels all your instructions.

❼ Start Pad:



One tap allows oven to begin functioning. If door is opened during oven operation, Start Pad must again be touched to restart oven.

❽ Display Window:

Displays time during cooking.

Digital Readout Display:

Time

(99 min. 99 sec.)

❾ Indicator Lights:

An indicator light will turn on when a specific power level is selected.

❿ Door Opener Button:

Press to open the oven door.

Opening Door:

Opening the door during cooking will stop the cooking process without cancelling the programme. Cooking resumes as soon as the door is closed and Start Pad is touched. The oven light will stay on or turn on whenever the door is opened. When the oven light is on, it does not necessarily mean there is microwave activity. Only when the turntable is rotating would there normally be any microwave activity.

Beep Sound:

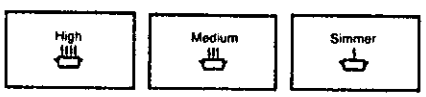
When a pad is touched correctly, a beep will be heard. If a pad is touched and no beep is heard, the unit has not or cannot accept the instruction.
At the end of any complete programme, the oven will beep five times.

NE-562 Operation Procedure

Time Cooking

Step 1

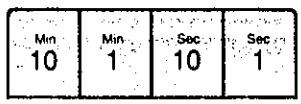
Select cooking power by pressing Power Pads.



▶Selected power indicator light turns on.

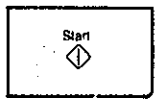
Step 2

Set cooking time by pressing Time Pads.



▶Cooking time appears in display window in minutes and seconds.

Touch Start Pad.



After Oven Starts:

▶MICROWAVE COOKING BEGINS. Turntable rotates and microwave activity begins. Oven light turns on. Cooking time counts down second by second.

▶WHEN COOKING IS COMPLETED, oven beeps five times, and the time of day appears in display window, turntable stops rotating and microwave activity ceases. Oven light turns off.

NOTE: During cooking, the power level can be changed. Simply press the desired power level pad (HIGH, MED or SIMMER) and the oven will automatically begin cooking at the new power level. The cooking time will continue to count down. The cooking time cannot be changed unless the programme is cancelled and a new Time and Power is selected.

Cyclic Defrost

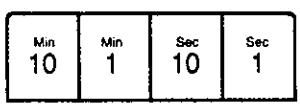
Step 1

Touch Cyclic Defrost Pad.

▶Clock time disappears. Defrost indicator light turns on.

Step 2

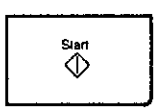
Set defrost time by pressing Time Pads.



▶Defrost time appears in display window in minutes and seconds.

Step 3

Touch Start Pad.



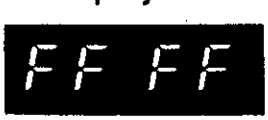
After Oven Starts:

▶MICROWAVE DEFROSTING BEGINS. Turntable rotates. Oven light turns on. Cyclic Defrost indicator light begins to alternately blink and glow. Defrosting time counts down second by second.

▶WHEN DEFROSTING IS COMPLETED, turntable stops rotating, and microwave activity ceases. Oven light turn off. Oven beeps five times. Time of day appears in display window.

Automatic Checking Mechanism

"FFFF" Display in Window:



If "FFFF" appears in display window remove the plug from the AC wall socket, wait 10 seconds and then plug the oven in again.

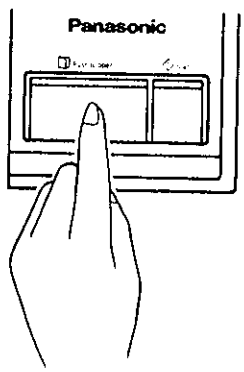
- If the "FFFF" indication clears, simply reset the time of day and use the oven.
- If the "FFFF" still appears, please contact the dealer from whom you purchased the oven.

Power Failure etc.:

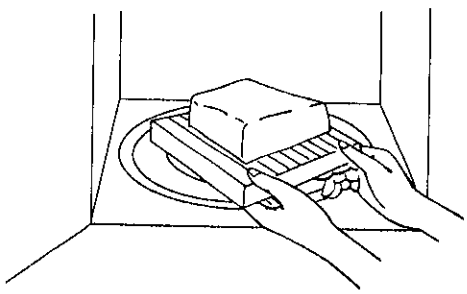
When the oven is not being used for cooking, the time of day will appear in the display window.
If the oven is affected by a temporary power failure or the plug is removed from the wall socket and then reinserted, the colon in the display window will blink. To reset correct time of day, simply follow the clock set instructions. (See page 7.)

NE-552 Operation Procedure

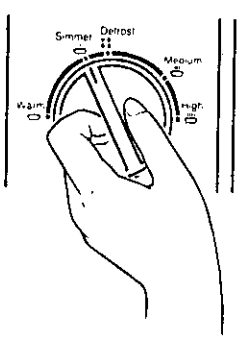
1. Open the door by pushing the door opener button ⊡



2. Place the food in a dish on the glass tray, and close the door.



3. Choose the cooking power by Power Select Control to desired setting.



High (500 W)

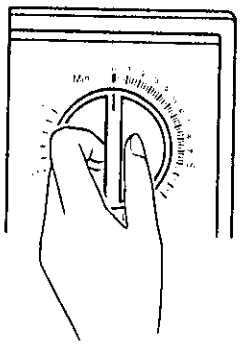
Medium (400 W)

Simmer (180 W)

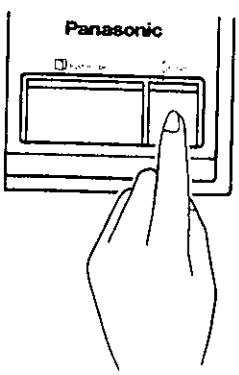
Defrost (240 W)

Warm (70 W)

4. Set the cooking time.



5. Push the start button ◇.
(The oven light turns on, the turntable rotates, and cooking starts.)



6. When the time has elapsed, the signal bell sounds and the oven turns off automatically. (The oven light turns off, and the turntable stops.) If the cooking time is interrupted by opening the door, the oven light turns off and the turntable stops. Push the start button again to restart the oven.

NOTE: When setting the timer less than 4 minutes, turn the timer past 4 minutes and then return to the correct of time.

Questions & Answers

Q: I accidently ran my microwave oven without any food in it. Is it damaged?

A: We do not recommend operating the microwave oven without any food. However, running the oven empty for a short time should not damage the oven.

Q: Can the oven be used with the glass tray or roller ring removed?

A: No. Both the glass tray and roller ring must be positioned correctly in the oven before cooking.

Q: Can TV dinner trays be placed in the oven?

A: Foil containers 2 cm deep or less can be used to heat food in the microwave oven. Make sure foil covers are removed from top of container. The container should not touch oven sides, arcing may occur.

Q: Why does my oven light dim?

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

Q: When I turn on my oven, there is noise coming from the glass tray.

A: This noise occurs when the roller ring and oven bottom are dirty. Frequent cleaning of these parts should eliminate or reduce the noise.

Q: My microwave oven causes interference with my TV. Is this normal?

A: 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, vacuum cleaners, blow dryers, etc. It does not indicate a problem with your oven.

Q: Why does steam accumulate on the oven door?

A: During cooking, steam is given off from the food. Most of the steam is 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.

Q: Sometimes warm air comes from the oven vents. Why?

A: The heat given off from the cooking food warms the air in the oven cavity. This warmed air is carried out of the oven by the air flow pattern in the oven. There are no microwaves in the air. The oven vents should never be blocked during cooking.

Q: Why won't my oven turn on?

A: When the oven does not turn on, check the following:

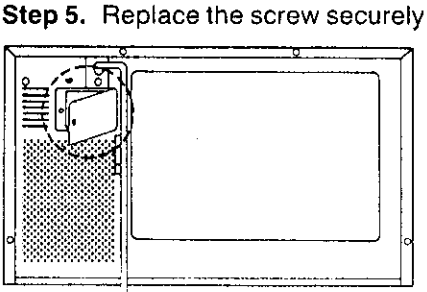
1. Is the oven plugged in securely? Remove plug from outlet, wait 10 seconds and reinsert.
2. Check circuit breaker or fuse. Reset circuit breaker or replace fuse if it is tripped or blown.
3. If the circuit breaker or fuse is all right, plug another appliance into the outlet. If the other appliance works, there probably is a problem with the oven. If the other appliance does not work, there probably is a problem with the outlet.

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

Replacement of Oven Light

When it becomes necessary to replace the oven light, you can replace it yourself. Please follow the directions below carefully.

Step 1. Turn off the oven and unplug it.
Step 2. Remove the screw from the oven light cover which is located on the rear side of the cabinet.
Step 3. Replace the oven light with the correct type bulb. If this bulb is not available locally, contact the nearest authorized service facility.
Step 4. Replace the oven light cover.
Step 5. Replace the screw securely.



Care of Your Microwave Oven

1. Turn the oven off before cleaning.

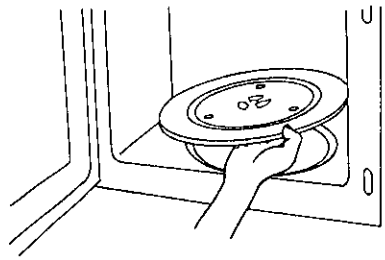
2. Keep the inside of the oven and door sealing surfaces clean. When food spatters or spilled liquids adhere to oven walls and door sealing surfaces, wipe off with a damp cloth. Mild detergent may be used if they get very dirty. The use of harsh detergent of abrasives is not recommended.

3. The outside oven surface should be cleaned with soap and water, rinsed and dried with a soft cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.

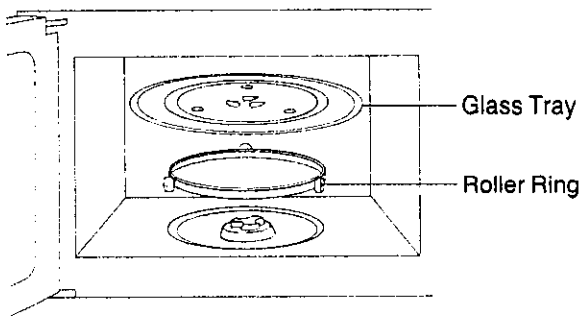
4. If the Control Panel becomes wet, clean with a soft, dry cloth. Do not use harsh detergents or abrasives on Control Panel.
   When cleaning the Control Panel, leave the oven door open to prevent the oven from accidentally turning on. After cleaning touch Cancel Pad to clear display window. (NE-562 only)

5. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates a malfunction of the unit.

6. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm soapy water or in a dishwasher.



7. The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent water or window cleaner and dry. The roller ring may be washed in mild soapy water. Cooking vapour collect during repeated use but in no way affects the bottom surface or roller ring wheels.
   When removing the roller ring from cavity floor for cleaning, be sure to replace it in the proper position.

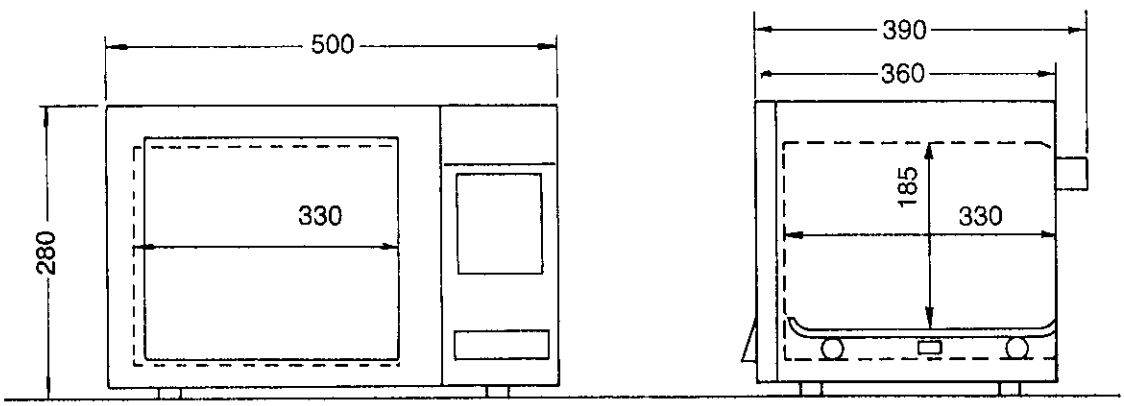


Technical Specifications

Power Source:	240 V, 50 Hz
Required Power:	980 W, 4.3A
Output Power:	NE-562 180 W–500 W
	NE-552 70 W–500 W
Oven Lamp:	240 V, 25 W

Frequency:	2450 MHz
Outer Dimensions:	500 (W)×390 (D)×280 (H) mm
Oven Dimensions:	330 (W)×330 (D)×185 (H) mm
Weight:	16.5 kg
Timer:	NE-562 99 min. 99 sec.
	NE-552 30 min.

Weight and Dimensions shown are approximate.



Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

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