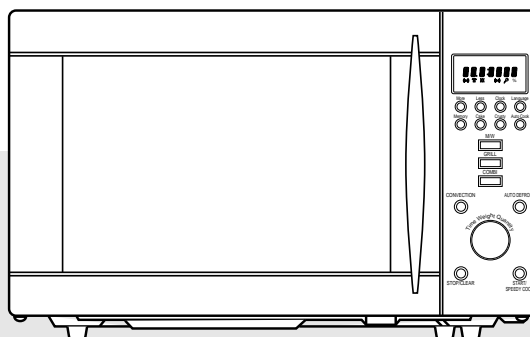




MICROWAVE CONVECTION/GRILL OVEN

KOC-1B4K

OWNER'S
MANUAL



Before operating this oven, please read these manual completely.

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) **WARNING** : If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person: (1) door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.
- (d) **WARNING** : It is hazardous for anyone other than a competent person to carry out any service or repair operation which involves the removal of a cover which gives protection against exposure to microwave energy.
- (e) **WARNING** : Liquids or other foods must not be heated in sealed containers since they are liable to explode.
- (f) **WARNING** : Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.
- (g) **WARNING** : When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.

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INSTALLATION AND EARTHING INSTRUCTIONS

How to examine your microwave oven after unpacking.

Unpack oven, remove all packing material, and examine the oven for any damage such as dents, broken door, latches or cracks in the door. Do not remove the film from inside the door. Notify dealer immediately if the oven is damaged. Do not install if the oven is damaged.

Where to place your microwave oven.

1. Place the oven on a flat and stable surface.
2. The microwave oven shall not be placed in a cabinet unless it has been tested in a cabinet.
3. Surface of the oven is protected by a plastic film which should be removed before using.
4. Leave space behind and sides and upper of the oven. All air vents should be kept a clearance.
If all vents are covered during operation, the oven may overheat and, eventually, lead to oven failure.
5. Keep away from radio and TV sets. If the oven is located close to a TV, radio interference may result.
6. Keep away from heating appliances and water taps. Keep the oven away from hot air, steam or splash when choosing a place to position it, or the insulation might be adversely affected and breakdowns occur.
7. The minimum height of free space necessary above the top surface of the oven is minimum 170mm.

Prior to use (If your oven has a grill element)

In order to protect your oven during transportation and storage, the grill element is covered with a protective coating. To remove this coating the grill element must be heated for 5 minutes. This procedure will produce some bad odours as the protective coating on the element disappears.

To remove the coating, use the following procedures:

1. Place an overproof and microwave safe bowl, containing 200cc of water or more, in the oven.
2. Press the convection button.
3. Set the time to 5 minutes.
4. Press the start button.
5. When the 5 minutes has elapsed, an acoustic signal sounds.

Note:

The protective coating has now been removed and the oven is ready to use. Please be aware that your oven now is very hot.

6. Open the oven door and remove the bowl with water (use oven gloves when removing the bowl).

CHILD LOCK

To prevent child from operating the oven, install the childlock key.

1. Touch Stop/Clear button for 3 seconds.
Indicator lock is indicated and all buttons do not operate.
2. Touch Stop/Clear button for 3 seconds once again, then childlock is canceled.

- **WARNING:** Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

Electrical Connection

WARNING-THIS APPLIANCE MUST BE EARTHED.

REFER TO RATING PLATE FOR VOLTAGE AND CHECK THAT THE APPLIANCE VOLTAGE CORRESPONDS WITH THE SUPPLY VOLTAGE IN YOUR HOME.

The flexible mains lead must be correctly connected, as below, to a three pin plug of not less than 13 AMP capacity. You must use a 3 pin plug which should be marked with the number BS 1363 and it should be fitted with 13 AMP fuse marked with the number BS 1362.

We recommend the use of good quality plugs and wall sockets that can be switched off when the machine is not in use.

IMPORTANT-The wires in the mains lead fitted to this appliance are coloured in accordance with the following code

GREEN AND YELLOW-EARTH
BLUE-NEUTRAL
BROWN-LIVE

As the colour 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:

Power supply

- Check your local power source. This oven requires a current of approximately 15(12)amperes, 230V 50Hz.
- Power supply cord is about 1.2 meters long.
- The voltage used must be the same as specified on this oven. Using a higher voltage may result in a fire or other accident causing oven damage. Using low voltage will cause slow cooking. We are not responsible for damage resulting from use of this oven with a voltage of ampere fuse other than those specified.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

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 the earth symbol \perp or coloured GREEN AND YELLOW, or GREEN.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter "N" or coloured BLACK, or BLUE.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter "L" or coloured RED, or BROWN.

If the terminals in the plug are unmarked or you are in any doubt as to the correct connections, consult a qualified electrician.

If you do not make the proper electrical connections you will damage your microwave oven and possibly injure yourself. Neither the manufacturer nor the supplier are liable if this happens.

MOULDED PLUGS

Should it be necessary to remove a moulded on plug from the mains cable, it should be cut off and replaced with a suitable replacement.

The moulded plug cannot be used for any other appliance, therefore remove the fuse and dispose immediately and safely to prevent anyone, especially children from plugging it in to a wall socket, which will create a safety hazard.

Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord obtained from the manufacturer.

Applicable only if moulded plug is fitted.

After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the plug or the colour that is embossed in words in the base of the plug recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover.

Only 13 amp replacement fuses which are ASTA approved to BS 1362 should be fitted

IMPORTANT SAFETY INSTRUCTIONS

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

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 the appliance.
2. Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY", found on page 1.
3. This appliance must be earthed. Connect only to a properly installed wall socket.
4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs and sealed containers for example, closed glass jars-may explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in this manual.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair or adjustment.
10. Do not cover or block any openings on this appliance.
11. Do not use outdoors.
12. Do not immerse cord or plug in water.
13. Keep cord away from heated surfaces.
14. Do not let cord hang over edge of table or counter.
15. When cleaning surfaces of door and oven that meet when the door closes, use only mild, nonabrasive soaps or detergents with a sponge or soft cloth.
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 when cooking food.
 - (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.
17. Do not use this appliance to heat corrosive chemicals (for example, sulfides and chlorides). Vapors from such corrosive chemicals may erode the contacts and springs of the safety interlock switches and render them inoperable.
18. The contents of feeding bottles and baby jars must be stirred or shaken and the temperature is to be checked before consumption to avoid burns.
19. The appliance must be positioned so that the plug is accessible.

General Use

Listed below are, as with all appliances, certain rules to follow and safeguards to assure top performance from this oven:

1. Do not use the oven for any reason other than food preparation, such as for drying clothes, paper, or any other nonfood items or for sterilizing purposes. They may catch on fire.
2. Do not use the oven when empty, this could damage the oven.
3. Do not use the oven cavity for any type of storage, such as papers, cookbook, cookware, etc.
4. Do not operate the oven without the turntable tray in place. Be sure it is properly sitting on the rotating base.
5. Be caution when removing the turntable tray after cooking meats that may have caused an accumulation of grease in the tray.
6. Unlike microwave-only ovens, this oven may become hot on the cabinet and oven door.
Always use hot pads or oven mitts when placing or removing food and/or accessories from the oven.
Be cautions about touching parts other then control panel during or immediately following grill or combination cooking.
7. If the oven is hot from combination cooking, do not use plastic or Styrofoam cookware for microwave cooking. They may melt.
8. Do not use recycled paper products for cooking.
They may contain impurities which could cause sparks and/or fires when used during cooking.
9. Do not continue to cook with metal utensils if sparking appears. See "Accessories" section on page 7 for proper use of cookware.
10. Do not leave the oven unattended during short cooking times. Overcooking and fire may result.
11. Do not cook any food surrounded by a membrane, such as egg yolks, potatoes, chicken livers, etc., without first piercing them several times with a fork.
12. Do not pop popcorn unless popped in a microwave approved popcorn popper or unless it's commercially packaged and recommended especially for microwave ovens. Microwave popped corn produces a lower yield than conventional popping; there will be a number of unpopped kernels. Do not use oil unless specified by the manufacturer.
13. Do not attempt to operate this appliance with the door open.
14. Do not attempt to remove covers, panels, etc.
15. Look at the oven from time to time when food is heated or cooked in disposable containers of plastic, paper or other combustible materials.
16. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
17. Microwave heating of beverages can result in delayed eruptive boiling, therefore care has to be taken when handling the container.
18. Make sure you remove caps or lids prior to cooking when you cook food sealed in bottles.
19. Do not put foreign material between the oven surface and door. It could result in excessive leakage of microwave energy.
20. Do not pop popcorn longer than the manufacturer's directions. (popping time is generally below 3 minutes). Longer cooking does not yield more popped corn, it can cause scorchings and fire.
Also, the cooking tray can become too hot to handle or may break.
21. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
22. Always test the temperature of food or drink which has been heated in a microwave oven before you give it to somebody, especially to children or elderly people. This is important because things which have been heated in a microwave oven carry on getting hotter even though the microwave oven cooking has stopped.
23. Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended;
24. Keep the waveguide cover clean at all times. Wipe the oven interior with a soft damp cloth after each use. If you leave grease or fat anywhere in the cavity it may overheat, smoke or even catch fire when next using the oven.
25. Never heat oil or fat for deep frying as you cannot control the temperature and doing so may lead to overheating and fire.
26. During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.

TO AVOID EXPLOSION AND SUDDEN BOILING

WARNING

When heating liquids, e.g. soups, sauces and beverages in your microwave oven, overheating the liquid beyond boiling point can occur without evidence of bubbling: This could result in a sudden boil over of the not liquid. To prevent this possibility the following steps should be taken:

- Avoid using straight sided containers with narrow necks.
- Do not overheat.
- Stir the liquid before placing the container in the oven and again halfway through the heating time.
- After heating, allow to stand in the oven for a short time, stir or shake them again carefully and check the temperature of them before consumption to avoid burns (especially, contents of feeding bottles and baby food jars).

1. Eggs

Never cook eggs in their shells. Steam will build up inside the shell during cooking and the egg will explode.

If you want to cook or reheat eggs which have not been broken up by scrambling or mixing, you must always pierce the yolks or these will also explode. You should slice shelled hard boiled eggs before you reheat them in your microwave oven.

2. Piercing

Always pierce food which has a skin or membrane, for example, potatoes, tomatoes, apples, sausages etc. If you don't pierce them, steam will build up inside and they may explode.

3. Lids

Always remove the lids of jars and containers and take away food containers, before you cook using your microwave oven. If you don't, then steam and pressure might build up inside and cause an explosion even after the microwave cooking has stopped.

WHICH UTENSIL CAN BE USED IN THE OVEN?

Only use utensils that are suitable for use in microwave ovens.

Before use, the user should check that utensils are suitable for use in microwave ovens.

Material	Grill & Convection cooking	Microwave cooking	Combined cooking
Glass (general)	No	Yes (1)	No
Glass (heat resistant)	Yes	Yes	Yes
Glass-ceramic and ceramic (heat resistant)	Yes	Yes (1)	Yes (1)
Earthenware	Yes	Yes	Yes
China (heat resistant)	Yes	Yes	Yes
Plastic (general)	No	Yes (2)	No
Plastic (heat resistant)	Yes (2)	Yes (2)	Yes (2)
Aluminium foil containers /aluminium foil	Yes	Yes (3)	Yes
Metal baking tins	Yes (4)	No	Yes (4)
Metal (pots,pans, etc)	Yes	No	No
Paper	No	Yes	No

- Without metal parts or metal trims.
- Some plastics are heat-proof only to certain temperatures. Check carefully!
- It is possible to use aluminium foil to shield delicate areas of food (this prevents over-cooking).
- Metal tins can be used in the combination methods, however if these are very deep, they will greatly reduce the efficiency, as metal shields the microwave energy from the food.

Utensils made of china and ceramic excellent to use in your microwave oven. Most types of glass are also very good. Lead crystal glass can crack and should therefore, not be used. Plastics and paper can also be used, provided they can withstand the temperature of the heated food. For cooking only use plastics, which will withstand a temperature of over 120°C, e.g. polypropene and polyamide. Some plastic materials, e.g. melamine, will be heated by the microwave, and be damaged. To find out if a certain container is suitable, the following simple test can be made:

Place the empty container and a glass of water inside the microwave oven. The water is needed because the oven must not be operated empty or with empty containers only. Let the oven work on full power for one minute. A suitable container will only be lukewarm.

Metal containers, e.g. saucepans or frying pans should not be used in microwave ovens. Nor should plates or vessels with decorations be used since metal e.g. gold, might be part of the decoration and such decorations will be damaged.

Small pieces of aluminium foil can be used, but only to shield the areas that would over-cook (e.g. for covering chicken wings, leg tips and fish tails) but the foil must not touch the side of the oven as damage may occur.



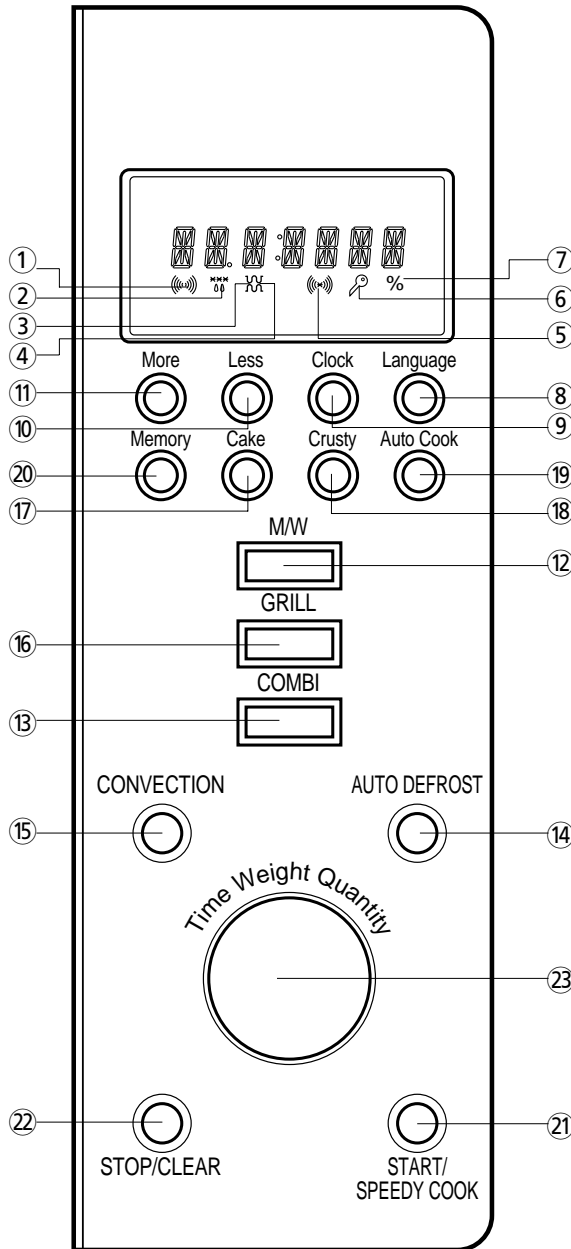
Microwave function only

Utensils and cooking containers used in a microwave oven should be of a material that does not act as a barrier to microwave energy. Generally this means that you should cook in either (paper), plastic, glass or ceramic. Metal pans reflect microwave energy and inhibit cooking, and should not be used. In addition to material, the shape of the container should also be considered. Round oval shapes give the most even cooking. Square or rectangular containers may over-cook foods in the corners because more energy is absorbed there. Shallow containers give more even cooking results.

Caution:

- There are a number of accessories available on the market. Before you buy, make sure they are suitable for microwave use.
- When you put food in the microwave oven, make sure that food, food supports or covering do not come in direct contact with any of the internal walls or the ceiling of the cavity since discolouration may take place.

CONTROL PANEL



DISPLAY WINDOW

- ① **MICROWAVE** indicator, showing microwaving in progress.
- ② **DEFROST** indicator, showing defrosting in progress.
- ③ **GRILL**(upper grill heater) indicator, showing grilling in progress.
- ④ **GRILL**(lower grill heater) indicator, showing grilling in progress.
- ⑤ **CONVECTION** indicator, showing convectioning in progress.
- ⑥ **CHILD LOCK** indicator.
- ⑦ % percentage microwave power level indicator.

BUTTONS

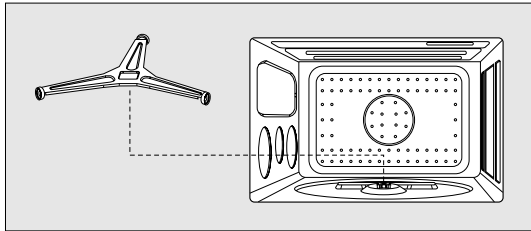
- ⑧ **Language** : Press to select the language.
- ⑨ **Clock** : Use to set clock.
- ⑩ **Less** : Use to remove time from cooking.
- ⑪ **More** : Use to add time to cooking.
- ⑫ **MW** : Press to select microwave power level.
- ⑬ **COMBI** : Press to select combi cooking mode.
- ⑭ **AUTO DEFROST** : Press to select defrost menu.
- ⑮ **CONVECTION** : Press to select convection temperature.
- ⑯ **GRILL** : Press to select grill.
- ⑰ **Cake** : Press to select cake menu.
- ⑱ **Crusty** : Press to select crusty menu.
- ⑲ **Auto Cook** : Press to select auto cook menu.
- ⑳ **Memory** : Use to set favorite cooking mode.
- ㉑ **START/SPEEDY COOK** : Press to start a programme, also for speedy start (each press adds 30 seconds microwave cooking time).
- ㉒ **STOP/CLEAR** : Press once to stop a programme, and twice to cancel a programme.
- ㉓ **Dial knob** : Use to set time, weight and quantity.

ACCESSORIES

This oven comes equipped with several accessories. They can be used in various ways to facilitate cooking.

■ Rotating base

This fits over the shaft in the center of the oven's cavity floor. This to remain in the oven for all cooking. It should only be removed for cleaning.



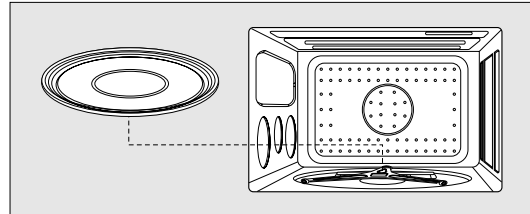
Important:

The rotating base must be placed in the center of the oven's cavity and fitted in the rotating shaft exactly. In case the rotating base does not fit in the rotating shaft, the rotating base might become as tray and sparks can occur.

■ Turntable tray or turntable

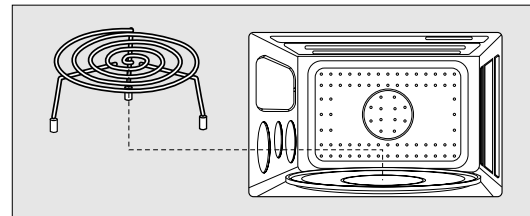
This metal tray fits over the rotating base and locks into place.

This is to be used in the oven for all cooking. It rotates clockwise or counterclockwise during cooking. It is easily removable for cooking and cleaning needs.

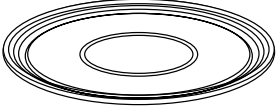
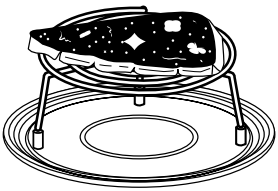
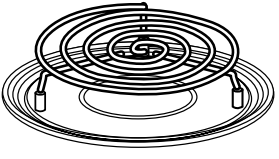


■ Metal rack

This metal rack is used with the turntable tray.



■ HOW TO USE THE ACCESSORIES OF COOKING

■ Turntable	■ Metal rack (high)	■ Metal rack (low)
 <ul style="list-style-type: none"> • Microwave cooking • Convection cooking • Combination cooking • Auto cooking 	 <ul style="list-style-type: none"> • Grill cooking 	 <ul style="list-style-type: none"> • Defrost • Grill cooking • Convection cooking

BEFORE OPERATION

SETTING THE LANGUAGE

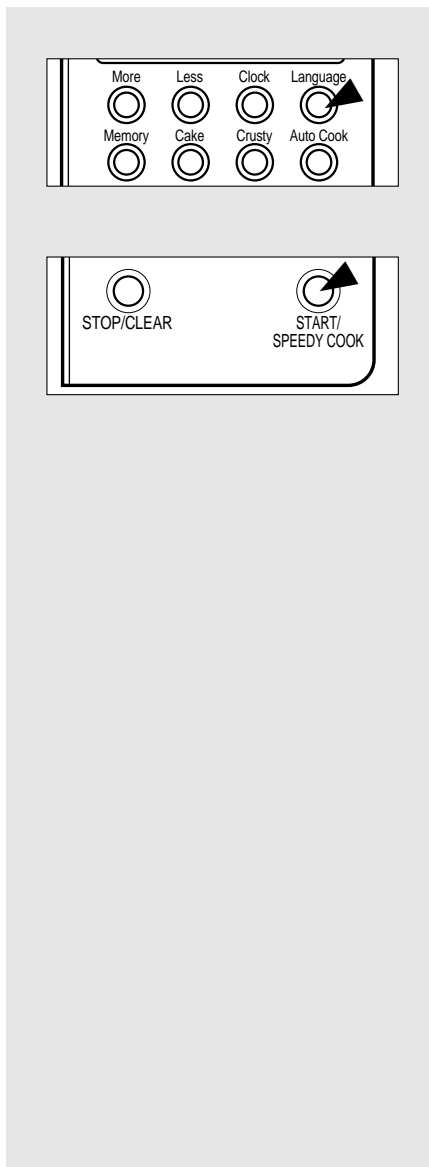
Your new microwave oven comes with a six language word prompt system.

Languages available are **English, Deutsch, Nederlands, Francais, Italian** and **Espanol**.

When your oven is plugged in for the first time or when power resumes after a power interruption, the display will show

"SELECT LANGUAGE SPRACHE WAEHLEN KIES TALL CHOISIR LA LANGUE SCEGLI LA LINGUA SELECCION IDIOMA"

By pressing "**Language**" it is possible to select the different languages.



To set English

1. Touch **Language** button once.
The display will show "**ENGLISH PRESS START**"
2. Touch **START** button once to select and hold language.
The display will show "**ENGLISH**" and then reset to " : 0" and you will be prompted to set the time of day.

To set Deutsch

1. Touch **Language** button twice.
The display will show "**DEUTSCH START DRUECKEN**"
2. Touch **START** button once to select and hold language.
The display will show "**DEUTSCH**" and then reset to " : 0" and you will be prompted to set the time of day.

To set Nederlands

1. Touch **Language** button 3 times.
The display will show "**NEDERLANDS DRUK OP START**"
2. Touch **START** button once to select and hold language.
The display will show "**NEDERLA**" and then reset to " : 0" and you will be prompted to set the time of day.

To set Francais

1. Touch **Language** button 4 times.
The display will show "**FRANCAIS APPUYER SUR DEPART**"
2. Touch **START** button once to select and hold language.
The display will show "**FRANCAI**" and then reset to " : 0" and you will be prompted to set the time of day.

To set Italian

1. Touch **Language** button 5 times.
The display will show "**ITALIAN PREMI START**"
2. Touch **START** button once to select and hold language.
The display will show "**ITALIAN**" and then reset to " : 0" and you will be prompted to set the time of day.

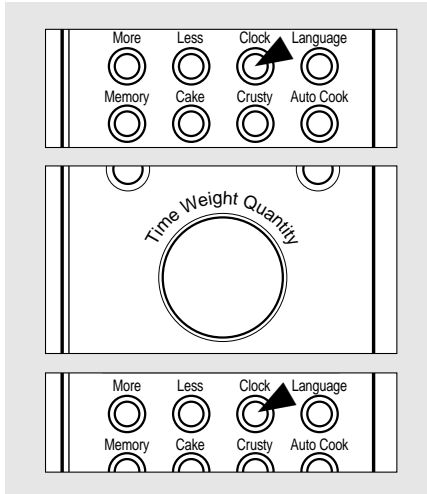
To set Espanol

1. Touch **Language** button 6 times.
The display will show "**ESPAÑOL PRESIONE INICIO**"
2. Touch **START** button once to select and hold language.
The display will show "**ESPAÑOL**" and then reset to " : 0" and you will be prompted to set the time of day.

SETTING THE CLOCK

When your oven is plugged in for the first time or when power resumes after a power interruption, the display resets to setting the language procedure.

Your oven has multiple(12hr/24hr) clock system. To set the clock follow under procedure.



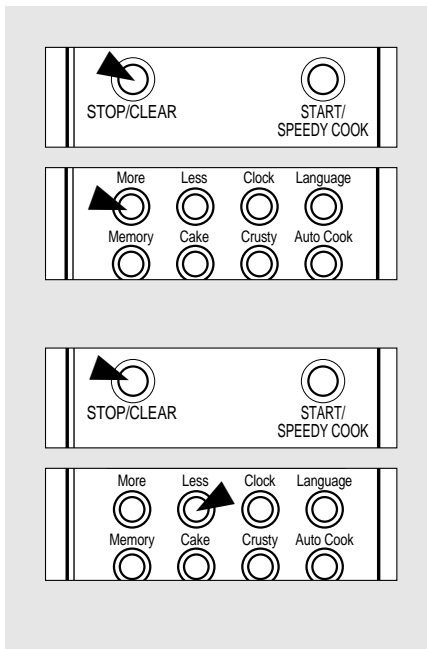
Example : To set 5:30

1. Touch **Clock** button once. " 12H " and "SET HOURS" shows in display.
This is a 12 hour clock system.
2. Touch **Clock** button once more. " 24H " and "SET HOURS" shows in display.
This is a 24 hour clock system.
If you want 12 hour clock system, omit this step.
3. Turn the **dial knob** until **5** is indicated in the display window.
" 5 " and "PRESS CLOCK" shows in display.
4. Touch clock button. " 5:00 " and "SET MINUTES" shows in display.
5. Turn the **dial knob** until **5:30** is indicated in the display window.
" 5:30 " and "PRESS CLOCK" shows in display.
6. Touch **Clock** button. The colon starts blinking.
If you selected 12 hour clock system, this digital clock allows you to set from 1:00 to 12:59.
If you selected 24 hour clock system, this digital clock allows you to set from 0:00 to 23:59.

CHILD LOCK AND POWER SAVE MODE

Child lock : The child lock prevents the oven from being used. For example because children could hurt themselves on hot liquids etc.

Power save mode : This function is used for saving energy.



To set child lock

1. Touch **STOP/CLEAR** button. " : 0 " or clock appears in the display.
2. Press and hold **More** button for 3 seconds.
The oven will beep and **LOCK** indicator lights.
Now the oven cannot be operated.

To cancel child lock simply repeat setting procedure 2.
The oven will beep and **LOCK** indicator disappears.
The oven is again available for normal use.

To set power save mode

1. Touch **STOP/CLEAR** button. " : 0 " or clock appears in the display.
2. Press and hold **Less** button for 3 seconds. The oven will beep and nothing appears in the display. Now the oven is in power save mode.
To operate the oven in power save mode, press any key.
Then " :0 " or clock will be shown and the operation of all function key will be same as in normal mode.
But if there is no operation within 10 seconds in clear mode or while manipulating the key, all the contents of display will disappear.

To cancel power save simply repeat setting procedure.
" : 0 " or clock appears in the display. After 3 seconds the oven will beep, this indicates that the power save is cancelled and the oven is again available for normal use.

OPERATION

Tips : Also remember to read this operating instruction for proper safety information and instruction before using the oven. Prior to setting the controls, place one cup of water in the oven, on a heat-proof glass measuring cup, for testing purposes.

Note : When the operation is finished the oven beeps three times, "**OPEN DOOR**" appears in the display, the rotating plate stops turning and the oven light turns off. The oven will continue to beep every 10 minutes until the **STOP/CLEAR** button is pressed, or the door is opened. (Also, if you retain the door open over 10 minutes, the oven will beep every 10 minutes.) The cooling fan continues to run for 5 minutes after cooking has stopped when it takes over 5 minutes for cooking. (the display will show "**COOLING**" and " :0 or clock")

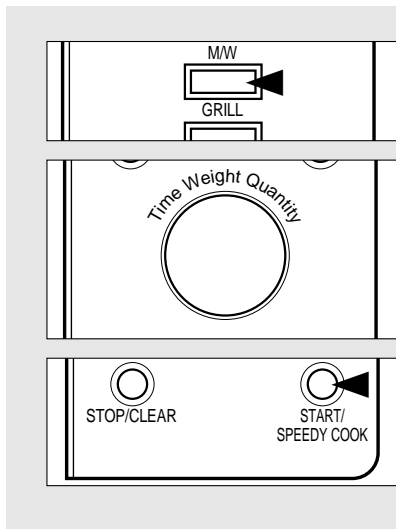
Opening the oven door interrupts any operation except cooling fan.

To cancel the operation, press **STOP/CLEAR** button. To continue the operation, press **START/SPEEDY COOK** button.

The oven displays the set cooking time in 10 seconds steps(up to 5 minutes cooking time), in 30 seconds steps(up to 10 minutes cooking time), in 1 minutes steps(up to 60 minutes cooking time).

MICROWAVE COOKING

This microwave cooking method allows you to cook food for a desired time. In addition to the maximum power level(**100%**), you can select different microwave power from 9 other levels, **10%** to **90%** for the foods that require slower cooking. If you have used the appliance for grilling, convection or combination cooking, let the oven cool down before using again. Never switch the microwave oven on when it is empty.



1. Touch **M/W** button once. **MICROWAVE** indicator lights. " **100 %** " and "**SET TIME**" shows in display.
2. Select the appropriate power level by pressing the **M/W** button again until the corresponding percentage is displayed. Refer to the power level table below for further details.
3. Turn the **dial knob** to set the cooking time.
For a cooking time of 5 minutes 30 seconds, turn the **dial knob** to the right to set 5:30. (up to 60 minutes)
" **5:30** " and "**PRESS START**" shows in display.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Note : The oven will automatically work on 100% microwave power if a cooking time is entered without the power level previously being selected.
You can check the power level while cooking is in progress by pressing the **M/W** button. The display will show the current power level for 3 seconds. If you change the power level while cooking is in progress by pressing the **M/W** button.(within 3 seconds)

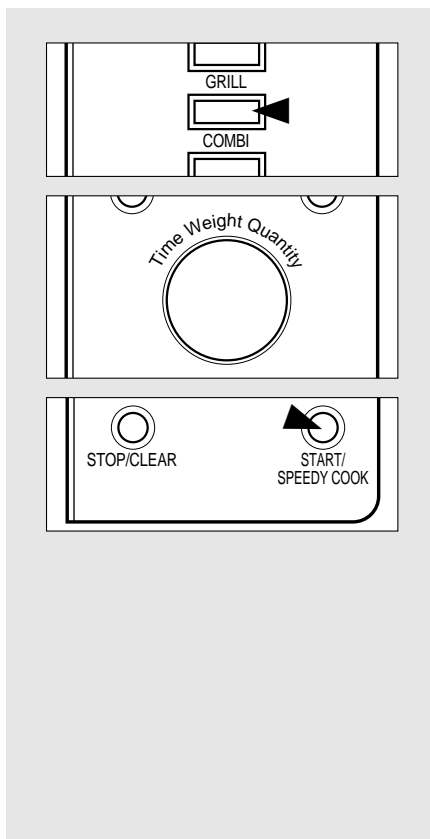
Power level table

Power level	percentage	Output	Power level	percentage	Output
High	100%	1000W	Medium	50%	480W
Sauté	90%	890W	Medium low	40%	370W
Reheat	80%	790W	Low	30%	270W
Medium high	70%	680W	Defrost	20%	170W
Simmer	60%	580W	Warm	10%	100W

GRILL COOKING

The grill enables you to heat and brown food quickly, without using microwaves.

The oven has an upper and lower grill which can be operated independently or combined.



1. Touch **GRILL** button once. **GRILL**(upper grill) indicator lights. **"GRILL 1"** and **"SET TIME"** shows in display.
2. Select the grill mode by pressing the **GRILL** button again until the required heating element(s) is displayed.
Refer to the grill mode table below for further details.
3. Turn the **dial knob** to set the grilling time.
For a grilling time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and **"PRESS START"** shows in display.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Note : When first using the grill heaters, smoke and odour will be given off.
To avoid this happening when food is being cooked, heat the upper and lower grills without food for approximately 10 minutes.
The high rack is recommended for grilling small items such as toast, bacon or steak. Place food directly on the rack, in a flan dish or on a heat resistant plate on the rack.

WARNING :

The temperature inside the oven and window is very high.
Do not touch the oven window and metallic interior of the oven when taking food in and out.
Use thick oven gloves while handling food or accessories.

Press GRILL key	Heating element(s)	Display	
		Indicator	Word
Once	Upper grill	⌚	GRILL 1
Twice	Lower grill	⌚	GRILL 2
3 times	Upper & lower grill	⌚	GRILL 3

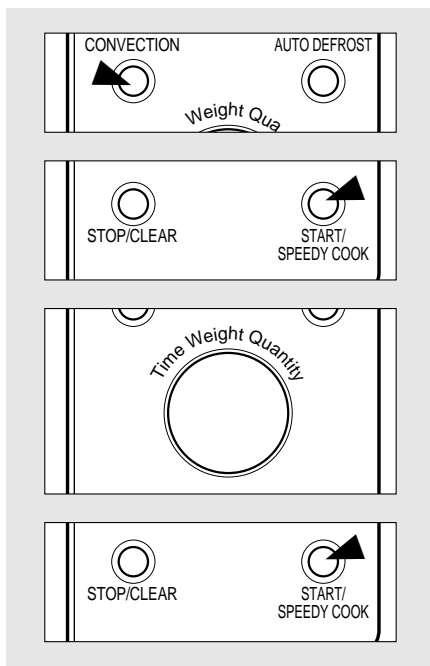
Suggested use	Cookware
This methods is ideal for toasting bread or muffins. Remember the oven will be hot. Place all food on low/high rack. You can get better cooking and grilling, if you use the high rack.	Use oven-proof cookware. As there is no microwave energy being used you can place metal tins directly onto the metal racks with no danger of arcing.

CONVECTION COOKING(with pre-heat)

For convection cooking, it is recommended that you preheat the oven to the appropriate temperature before placing the food in the oven.(except for 40°C convection mode)

The maximum preheating time is 30 minutes. If the cooking is not started immediately after preheating, the convection indicator will continue to flash and the preheated oven temperature will be displayed.

It is maintained for 15 minutes; it is then switched off automatically.



1. Touch **CONVECTION** button once. **CONVECTION** indicator lights. "100C" and "PRESS START TO PREHEAT OR SET TIME" shows in display.

2. Select the convection cooking temperature by pressing the **convection** button again until the corresponding temperature is displayed.

Temperature sequence

100C → 110C → 120C → 130C → 140C → 150C →
160C → 170C → 180C → 190C → 200C → 210C →
220C → 230C → 240C → 250C → 40C → 100C →

3. Touch **START/SPEEDY COOK** button. **CONVECTION** indicator blinks.

"PREHEAT" shows in display.

The oven will now preheat. When oven is preheated the oven will beep and the preheated oven temperature will appear in the display.

Then open the door and place your food in the oven.

Oven temperature and "SET TIME" shows in display.

4. Turn the **dial knob** to set the cooking time.

For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)

"11:00" and "PRESS START" shows in display.

5. Touch **START/SPEEDY COOK** button.

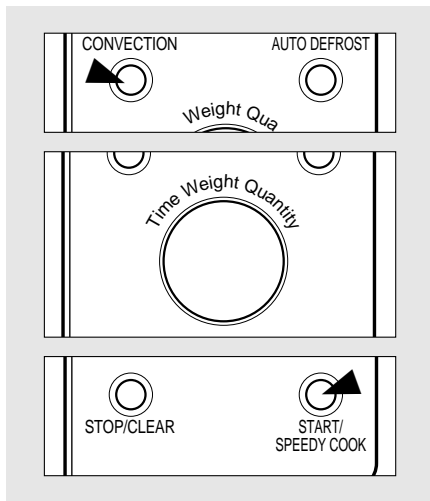
The oven light comes on and the turntable starts rotating.

Cooking starts and the time in the display will count down.

Note: You can check the setting temperature while preheating is in progress by pressing the **CONVECTION** button.

CONVECTION COOKING(traditional cooking)

The convection mode enables you to cook food in the same way as in a traditional oven. Microwaves are not used. Always use oven gloves when touching the recipients in the oven, as they will be very hot.



1. Touch **CONVECTION** button once. **CONVECTION** indicator lights. "100C" and "PRESS START TO PREHEAT OR SET TIME" shows in display.
2. Select the convection cooking temperature by pressing the **CONVECTION** button again until the corresponding temperature is displayed.

Temperature sequence

100C → 110C → 120C → 130C → 140C → 150C →
160C → 170C → 180C → 190C → 200C → 210C →
220C → 230C → 240C → 250C → 40C → 100C →

3. Turn the **dial knob** to set the cooking time.
For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and "PRESS START" shows in display.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Note: You can check the setting temperature while cooking is in progress by pressing the **CONVECTION** button.

Suggested use	Cookware
<p>This function is ideal for cooking meringues, cookies, biscuits, scones, bread, puddings, large fruit cakes and all pastries. It can also be used for proving bread at 40°C. Remember the oven will be hot. Place all food on low/high rack. You can get better cooking and grilling, if you use the high rack.</p>	<p>Use oven-proof cookware. As there is no microwave energy being used you can place metal tins directly onto the metal racks with no danger of arcing.</p>

COMBINATION COOKING

This oven offers you a choice of five methods of combining cooking ;

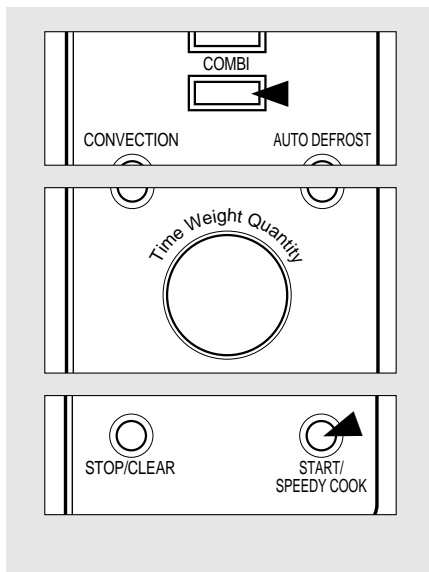
MODE	ELEMENTS	Suggested use	Cookware
COMBI 1	MICROWAVE CONVECTION	This function has many uses, particularly roasting meat and meringues, baking some cakes, frozen and crusty crumb foods and reheating pastries.	Food should be placed on the low rack or on the turntable. Do not place metal cookware directly on the low rack when using this function as arcing may occur.
COMBI 2	MICROWAVE CONVECTION LOWER GRILL	This function is ideal for cooking small foods which require crustying e.g frozen potato products such as oven chips, potato croquettes or waffles, fish fingers, chicken nuggets, beefburgers and sausages.	As there is no microwave energy being used you can place metal tins directly onto the metal racks with no danger of arcing.
COMBI 3	CONVECTION UPPER GRILL LOWER GRILL		
COMBI 4	MICROWAVE UPPER GRILL	This function allows you to combine the speed of a microwave with the browning and crustying of a grill. Ideal for all foods that would usually be grilled e.g sausages, chops, chicken pieces etc.	Food should be placed on the low rack or on the turntable. Do not place metal cookware directly on the low rack when using this function as arcing may occur.
COMBI 5	MICROWAVE UPPER GRILL LOWER GRILL		

COMBINATION COOKING (Microwave + Convection)

This function allows you to combine convection operation with any one of the three (60%, 50%, 40%) microwave power level to produce traditional baked or roasted results in less time.

Always use microwave-safe and oven-proof cookware. Glass or ceramic dishes are ideal as they allow the microwaves to penetrate the food evenly.

Always use oven gloves when touching the recipients in the oven, as they will be very hot.



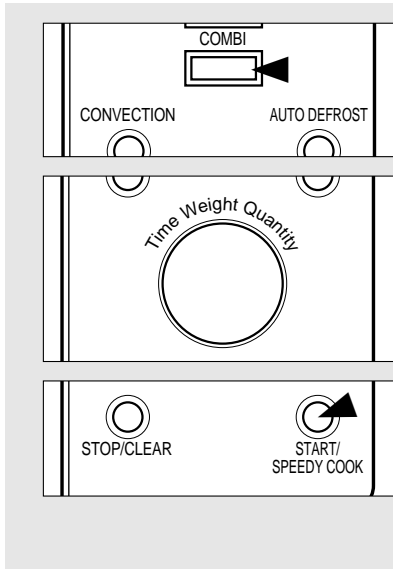
1. Touch **COMBI** button once.
MICROWAVE and **CONVECTION** indicator light.
"COMBI 1" and "SET TIME" shows in display.
2. Turn the **dial knob** to set the cooking time.
For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and "PRESS START" shows in display.
3. Select the appropriate power level by pressing the **M/W** button until the corresponding percentage is displayed. (within 3 seconds)
If you omit this step, the power level is fixed on 60%.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Note : You can check the power level(or cooking temperature) while cooking is in progress by pressing the **M/W**(or **CONVECTION**) button.
The display will show the current power level(or cooking temperature) for 3 seconds.

COMBINATION COOKING (Microwave + Convection + Lower Grill)

This function allows you to combine convection operation with any one of the three (50%, 40%, 30%) microwave power level to produce traditional baked or roasted results in less time. Always use microwave-safe and oven-proof cookware. Glass or ceramic dishes are ideal as they allow the microwaves to penetrate the food evenly.

Always use oven gloves when touching the recipients in the oven, as they will be very hot.

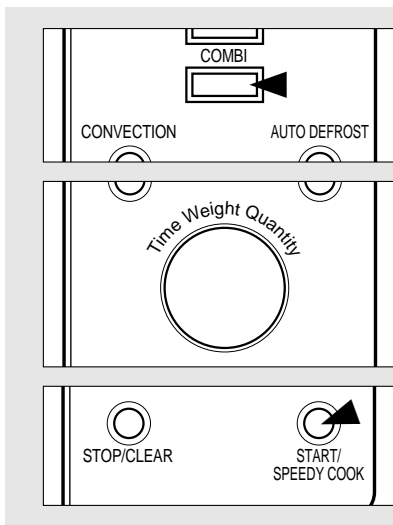


1. Touch **COMBI** button twice.
MICROWAVE, CONVECTION and **GRILL**(lower grill) indicator light.
"COMBI 2" and "SET TIME" shows in display.
2. Turn the **dial knob** to set the cooking time.
For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and "PRESS START" shows in display.
3. Select the appropriate power level by pressing the **M/W** button until the corresponding percentage is displayed. (within 3 seconds)
If you omit this step, the power level is fixed on 50%.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Note : You can check the power level(or cooking temperature) while cooking is in progress by pressing the **M/W**(or **CONVECTION**) button.
The display will show the current power level(or cooking temperature) for 3 seconds.

COMBINATION COOKING (Convection + Upper Grill + Lower Grill)

This function allows you to combine convection operation with the grill, and is ideal for cooking small foods which require crustyng. Always use oven gloves when touching the recipients in the oven, as they will be very hot.



1. Touch **COMBI** button 3 times.
CONVECTION, GRILL(upper grill) and **GRILL**(lower grill) indicator light.
"COMBI 3" and "SET TIME" shows in display.
2. Turn the **dial knob** to set the cooking time.
For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and "PRESS START" shows in display.
3. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

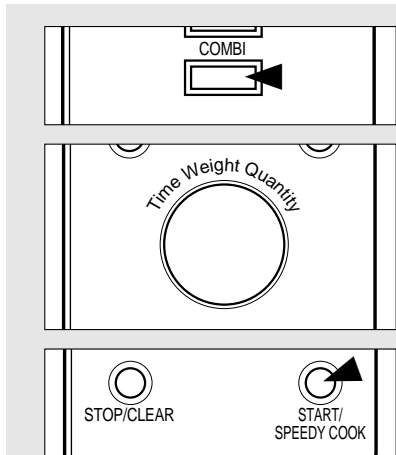
Note : You can check the cooking temperature while cooking is in progress by pressing the **CONVECTION** button.
The display will show the cooking temperature for 3 seconds.

COMBINATION COOKING (Microwave + Upper Grill)

This function allows you to combine the speed of a microwave (60%, 50%, 40%) with the browning and crustying of a grill. Always use microwave-safe and oven-proof cookware.

Glass or ceramic dishes are ideal as they allow the microwaves to penetrate the food evenly.

Always use oven gloves when touching the recipients in the oven, as they will be very hot.



1. Touch **COMBI** button 4 times.
MICROWAVE and **GRILL**(upper grill) indicator light.
"COMBI 4" and "SET TIME" shows in display.
2. Turn the **dial knob** to set the cooking time.
For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and "PRESS START" shows in display.
3. Select the appropriate power level by pressing the **M/W** button until the corresponding percentage is displayed. (within 3 seconds)
If you omit this step, the power level is fixed on 60%.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

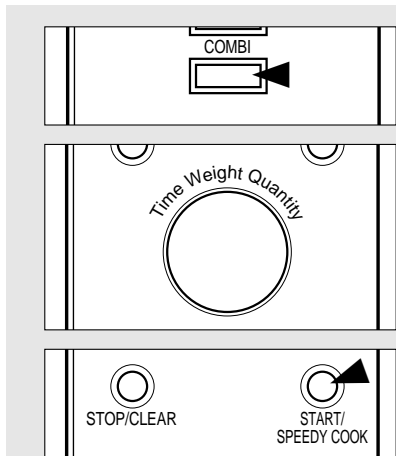
Note : You can check the power level while cooking is in progress by
Pressing the **M/W** button.
The display will show the current power level for 3 seconds.

COMBINATION COOKING (Microwave + Upper Grill + Lower Grill)

This function allows you to combine the speed of a microwave (50%, 40%, 30%) with the browning and crustying of a grill. Always use microwave-safe and oven-proof cookware.

Glass or ceramic dishes are ideal as they allow the microwaves to penetrate the food evenly.

Always use oven gloves when touching the recipients in the oven, as they will be very hot.



1. Touch **COMBI** button 5 times.
MICROWAVE, **GRILL**(upper grill) and **GRILL**(lower grill) indicator light.
"COMBI 5" and "SET TIME" shows in display.
2. Turn the **dial knob** to set the cooking time.
For a cooking time of 11 minutes, turn the **dial knob** to the right to set 11:00.(up to 60 minutes)
"11:00" and "PRESS START" shows in display.
3. Select the appropriate power level by pressing the **M/W** button until the corresponding percentage is displayed. (within 3 seconds)
If you omit this step, the power level is fixed on 50%.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

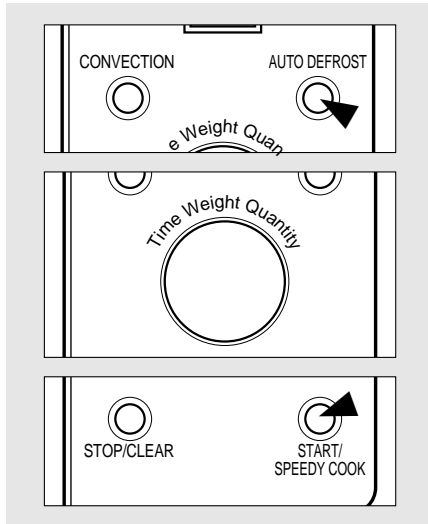
Note : You can check the power level while cooking is in progress by
pressing the **M/W** button.
The display will show the current power level for 3 seconds.

AUTO DEFROST

This function allows you to accurately defrost **meat, poultry, fish or bread**.

Simply enter the weight of the food and the oven will select the correct defrosting time.

During the defrosting process the oven will beep to remind you to check the food. **"TURN OVER"** will appear in the display to remind you to attend to the food. Use only recipients that are microwave-safe.



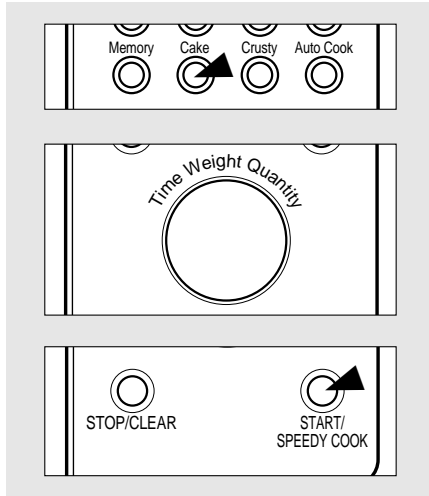
1. Touch **auto defrost** button once. **DEFROST** indicator lights. **"1 MEAT"** and **"SET WEIGHT"** shows in display.
2. Select the defrosting menu by pressing the **AUTO DEFROST** button until the required menu is displayed.
Refer to the defrost menu chart below for further details.
3. Turn the **dial knob** to set the defrosting weight.
For a defrosting weight of 1000 grams, turn the **dial knob** to the right to set 1000 G.(up to 2000 grams)
"1000 G" and **"PRESS START"** shows in display.
Refer to the defrost menu chart below for further details.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Defrosting starts and the time in the display will count down.

Press AUTO DEFROST key	Defrost Menu	Minimum Weight	Maximum Weight	Weight Step
Once	1 MEAT	100 g	2000 g	50 g
Twice	2 POULTRY	100 g	3000 g	50 g
3 times	3 FISH	100 g	2000 g	50 g
4 times	4 BREAD	50 g	1000 g	50 g

MENU	Suggested use	Cookware
MEAT	For defrosting meat joints, minced meat, chops, steaks etc. Minced/Cubed meat - "More/Less" key is not usually required. Steaks/Chops - Use of "Less" key is recommended.	Method 1. Remove all packaging. 2. Place food on the low rack with kitchen paper. 3. Turn over when oven beeps. Tips - When defrosted, food should be cool, but softened in all areas. - Poultry and fish may be placed under running cool water until defrost. - Shielding roasts and steaks prevents the edges from center of the food has defrosted. Use narrow, flat, smooth strips of aluminum foil to cover the edge and thinner sections of the food. - Standing time is very important, particularly for large, dense foods which cannot be stirred to ensure that the centre is evenly defrosted.
POULTRY	For defrosting whole poultry and poultry pieces. Chicken Pieces - Use of "Less" key is recommended.	
FISH	For defrosting all types of fish. Fillets - "More/Less" key is not usually required.	
BREAD	For defrosting all types of bread. Loaves - Begin defrosting whole loaves on their side, cut in half and turn over at the pause. This program is not suitable for defrosting cakes, cheese cakes.	

CAKE

This function allows you to simply and automatically cook a range of cakes/breads.
Always use oven gloves when touching the recipients in the oven.



1. Touch **Cake** button once.
MICROWAVE and **CONVECTION** indicator light.
"1 CAKE" and "SET WEIGHT" shows in display.
2. Select the menu by pressing the **Cake** button until the required menu is displayed.
Refer to the cake menu chart below for further details.
3. Turn the **dial knob** to set the cooking weight.
For a cooking weight of 1000 grams, turn the **dial knob** to the right to set 1000 G.(up to 1500 grams)
"1000 G" and "PRESS START" shows in display.
Refer to the cake menu chart below for further details.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Press Cake key	Cake Menu	Minimum Weight	Maximum Weight	Weight Step
Once	1 CAKE	300 g	1500 g	100 g
Twice	2 BREAD	100 g	1500 g	100 g

This program offers a choice 2 programs for cooking a range of cake / bread.
Please refer to the recommended recipes details below.
The following table presents the various "CAKE/BREAD".

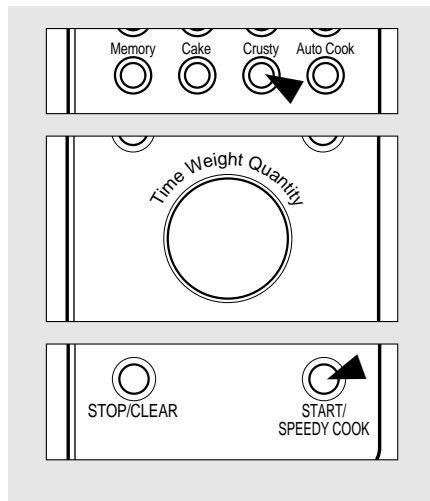
Ingredients	Method	Cookware
Fruity Cream-cheese Cake		
150g(5oz.) butter 10ml(2tsp.) grated lemon rind 125g packet of cream cheese 225g(8oz.) caster sugar 50g 3 eggs,beaten 100g(4oz.) plain flour 150g(5oz.) sultanas 150g(5oz.) cherries	1. Cream together butter, lemon rind, cream cheese and sugar until light and fluffy. 2. Add eggs a little at a time beating well after each addition. 3. Foil in sifted flours, sultanas and quatered cherries. Spread mixture into tin. 4. Cook on 'CAKE'	20 Cm(8") round cake tin Low Rack

Ingredients	Method	Cookware
Chocolate cake		
50g (2oz.) cocoa 175g (6 oz.) caster sugar 10 ml (3fl.oz.) water 90g (3 ¹ / ₂ oz.) butter 2 eggs 15ml (1tbsp.) golden syrup 5ml (1tbsp.) vanilla essence 15ml (1tbsp.) raspberry jam 275g (10oz.) plain flour Pinch of salt 10ml (2tsp.) baking powder 150ml (1 ¹ / ₄ pt) milk	1. Mix cocoa , 175g (6oz.) caster sugar and water together in a small bowl. 2. Cream the butter and sugar together, gradually add the eggs. Beat until the mixture is light and fluffy. 3. Beat in the cocoa mixture, golden syrup, vanilla essence and raspberry jam. 4. Fold in the sieved flour, salt and baking powder. Add the milk to give a smooth dropping consistency. 5. Place in prepared tin and cook on "CAKE".	20 Cm(8") round cake tin Low Rack
Apple pie		
30ml (2tbsp.) caster sugar 5ml (1tsp.) cinnamon 30 ml (2tbsp.) sultanas 2 cooking apples, peeled, cored and sliced 15ml (1tbsp.) lemon juice 350g (12oz.) puff pastry	1. Mix together sugar, cinnamon and sultanas. 2. Toss apples in lemon juice. Sprinkle sugar mixture over. 3. Divide pastry in half. Roll out half and line base of plate. 4. Place apple filling on top of pastry. Roll out remainder of pastry and cut to a circle for lid. 5. Seal edges, crimp and brush top with egg. 6. Cook on "CAKE".	20 Cm(8") pie plate Low Rack
Victoria Sandwich		
175g (6oz.) butter or margarine 175g (6oz.) caster sugar 3 eggs 175g (6oz.) self-raising flour	1. Cream butter and sugar until pale and fluffy. Add the eggs a little at a time beating well after each addition. 2. Fold in half the flour, using a metal spoon, then fold in the remaining flour. 3. Spoon the mixture into the tin and level with a knife. 4. Cook on "CAKE". 5. When the cake is cool, cut in half horizontally and sandwich together with cream and jam and dust with icing sugar or fill with a filling of your choice.	20 Cm(8") cake tin Low Rack
Carrot cake		
250g (9oz.) plain flour 10ml (2tsp.) bicarbonate of soda 10ml (2tsp.) baking powder 10ml (2tsp.) cinnamon 10ml (2tsp.) nutmeg 250g (9oz.) dark brown sugar 225ml (8fl.oz.) vegetable oil 3 eggs, beaten 350g (12oz.) carrots, grated 75g (3oz.) sultanas Cream Cheese Topping: 75g (3oz.) butter 100g (4oz.) cream cheese 225g (8oz.) icing sugar	1. Sieve the flour, bicarbonate of soda and baking powder into a bowl with the cinnamon and nutmeg. 2. Mix in the brown sugar and make a well in the center. 3. Add the oil and beaten eggs. Beat well until all the ingredients are combined. Stir in the grated carrot and sultanas, spoon into the prepared cake tin. 4. Cook on "CAKE". 5. Cream the butter and cream cheese until smooth. Stir in sieved icing sugar. 6. Decorate the cooled cake with the cream cheese topping.	23 Cm(9") round tin Low Rack

Ingredients	Method	Cookware
Biscuits		
200g plain flour 150g butter 100g caster sugar beaten egg to mix	<ol style="list-style-type: none"> 1. Cream butter, sugar and vanilla essence. Mix in flour. Mix to a very stiff dough with beaten egg. Knead lightly on a floured board. 2. Chill for 30mins. 3. Roll out quite thinly, cut into rounds with a 5Cm cutter. Transfer to greased baking trays. Prick with a fork. Brush lightly with beaten egg and sprinkle with caster sugar. 4. Cook on "CAKE" until pale golden brown. 5. Leave on tray for 3-4 min. then transfer to cooling rack. 	Round baking tin (or pizza dish) Low rack.
Party size sausage rolls		
425g (15oz.) packet frozen flaky pastry (defrosted) 300g (12oz.) sausage meat. 10ml(2tsp.) dried mixed herbs 1 beaten egg.	<ol style="list-style-type: none"> 1. Roll out pastry into two oblong shapes each about 25 x 20Cm. Cut each piece into two pieces lengthways. 2. Combine the herbs with the sausage meat. Quarter the sausage meat and roll each piece into a long strip. Place on pastry. Dampen edge of pastry, roll round sausage met and seal edges. Brush with beaten egg. 3. Cut each strip into six equal portions, each approximately 5Cm in length. Make two cuts in the top of each roll. Place on two greased circular baking trays. 4. Cook on "BREAD". 	Round baking tin (or pizza dish)
Baked Jam Roly Poly Pudding		
1 quantity of suet pastry 75ml (5tbsp.) seedless raspberry jam milk to glaze	<ol style="list-style-type: none"> 1. Roll out pastry to approx. 23X32Cm (9X13") 2. Spread the jam over the pastry leaving 1Cm(1/2) border all round. Brush the edges with milk and roll the pastry up evenly, starting at one short side and sealing the edges well. 3. Brush top with milk and place in loaf dish. 4. Cook on "BREAD" until golden. 	1kg loaf tin
Standard bread Dough		
450g (1lb.) strong plain flour 1 sachet dried yeast 5ml (1tsp.) salt 15g (1tbsp.) fat 300ml (1/2pt) warm water	<ol style="list-style-type: none"> 1. In a large bowl, combine the flour, yeast and salt. Rub in the fat. 2. Add the warm water then mix to a dough. 3. Turn onto a floured surface and knead for 10min. Divide into two and place in a loaf tin until the dough has doubled in size in a warm place or on Convection 40°C. See instruction above. 4. Cook on "BREAD". 5. Repeat with second loaf. 	2X450g (1lb.) loaf tin (or 1kg loaf tin)
Fruit Scones		
225g(8oz.) self-raising flour pinch salt 5ml(1tsp.) baking powder 50g(2oz.) butter 25g(1oz.) caster sugar 50g(2oz.) sultanas 150ml(1/4pt) milk beaten egg to glaze	<ol style="list-style-type: none"> 1. Sift the flour, salt and baking powder together. Rub in fat until the mixture resembles fine breadcrumbs. Add sugar and sultanas. 2. Make a well in the center and stir in enough milk to form soft dough. 3. Knead lightly. Pat out to 2cm(3/4")thick and cut into 10 rounds with a 5cm(2") cutter. Place on baking sheet, brush with beaten egg. 4. Cook on 'BREAD'. 	Baking sheet(round)

CRUSTY

This function allows you to simply and automatically cook a range of crusty foods.
Always use oven gloves when touching the recipients in the oven.



1. Touch **Crusty** button once.
MICROWAVE and **CONVECTION** indicator light.
"1 FRESH PIZZA" and "SET WEIGHT" shows in display.
2. Select the menu by pressing the **Crusty** button until the required menu is displayed.
Refer to the crusty menu chart below for further details.
3. Turn the **dial knob** to set the cooking weight.
For a cooking weight of 700 grams, turn the **dial knob** to the right to set 700 G.(up to 1000 grams)
"700 G" and "PRESS START" shows in display.
Refer to the crusty menu chart below for further details.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

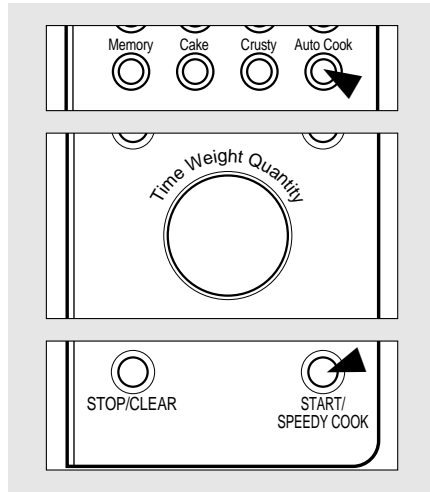
Crusty Menu Chart

Press Crusty key	Crusty Menu	Minimum Weight	Maximum Weight	Weight Step
Once	1 FRESH PIZZA	500 g	1000 g	100 g
Twice	2 FROZEN PIZZA	100 g	900 g	100 g
3 times	3 FRESH GRATIN	500 g	1500 g	100 g
4 times	4 FROZEN GRATIN	300 g	900 g	100 g

Crusty Menu	Method	
FRESH PIZZA	Please refer to recommended recipes. Topping Variation : Replace the onion with chopped bacon and continental sausage, mushrooms. Place the prepared fresh pizza in a pizza tin. For best results ensure that the topping is evenly spread over the pizza surface.	
	Pizza (White Loaf Dough base)	
	150g(6oz.) strong white flour 90ml milk, lukewarm 3g dried yeast 1.5tsp. oil pinch of salt 1 onion, thinly sliced 1 tomato, chopped 150g(6oz.) mozzarella cheese COOKWARE 23Cm (9") pie dish	1. Place the flour, yeast, salt, milk, oil in a large bowl and mix well. 2. Knead well on a floured board then return the dough to the bowl and proving using convection 40°C until doubled in size. 3. Roll out the dough to form a round shape to form the pizza dough. 4. Place on the metal tray. 5. Place the chopped tomato, onion, cheese on the pizza dough. 6. Cook on "CRUSTY- FRESH PIZZA".
FROZEN PIZZA	Remove from package and place on the turntable. Cook on "CRUSTY- FROZEN PIZZA".	
FRESH GRATIN	Please refer to recommended recipes. According to preference, it is possible to add different ingredients to the base recipe in order to obtain various kind of Gratin. Place the prepared fresh gratin in a gratin dish.	
	Potato Gratin	
	12.5g (¹ / ₂ oz.) butter 450g(1lb.) potatoes, peeled & thinly sliced 1 onion, finely chopped 200ml(8oz.) double cream (or single cream) 100g(4oz.) grated cheese salt and pepper COOKWARE 25Cm (10") flan dish	1. Place half of the potato slices in the dish, sprinkle on some of the onion and bacon. Put butter and season. Place the remaining potatoes on the top. 2. Pour over the cream and sprinkle on the cheese. 3. Place the dish on the low metal rack on the turntable. 4. Cook on "CRUSTY- FRESH GRATIN". 5. Garnish with tomato slice and parsley.
FROZEN GRATIN	Remove from package and place on the turntable. After cooking remove from the turntable stand 2-3 minutes and put on a plate(or container) for serving. If container is covered with aluminium foil, remove and recover with microwave cling-film and pierce.	

AUTO COOK

This function allows you to simply and automatically cook a range of popular foods.
Always use oven gloves when touching the recipients in the oven.



1. Touch **Auto Cook** button once.
MICROWAVE, CONVECTION and **GRILL**(lower grill) indicator light.
"ROAST BEEF" and **"SET WEIGHT"** shows in display.
2. Select the menu by pressing the **Auto Cook** button until the required menu is displayed.
Refer to the auto cook menu chart below for further details.
3. Turn the **dial knob** to set the cooking weight.
For a cooking weight of 1000 grams, turn the **dial knob** to the Right to set 1000 G.(up to 2000 grams)
"1000 G" and **"PRESS START"** shows in display.
Refer to the auto cook menu chart below for further details.
4. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

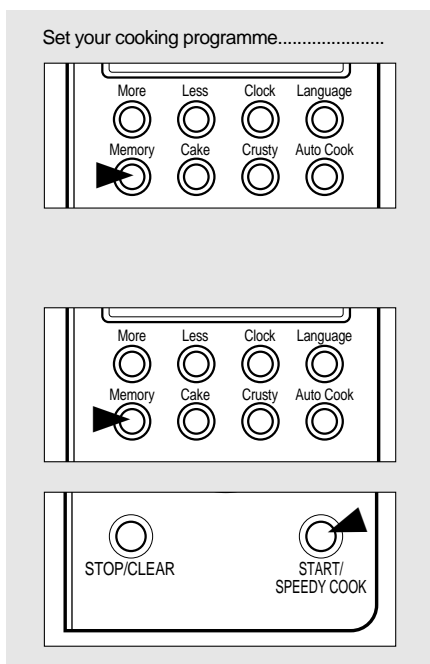
Auto Cook Menu Chart

Press Auto Cook key	Auto Cook Menu	Minimum Weight	Maximum Weight	Weight Step
Once	1 ROAST BEEF	500 g	2000 g	100 g
Twice	2 ROAST CHICHEN	800 g	3000 g	100 g
3 times	3 ROAST PORK	500 g	2000 g	100 g
4 times	4 BAKED FISH	300 g	900 g	100 g
5 times	5 BAKED POTATO	1 ea	5 ea	1 ea
6 times	6 ROAST POTATO	400 g	1000 g	50 g
7 times	7 FRESH VEGETABLES	100 g	900 g	50 g
8 times	8 FROZEN VEGETABLES	100 g	900 g	50 g
9 times	9 CASSEROLE	500 g	2000 g	100 g

Auto Cook Menu	Start Temp.	Method	Cookware
ROAST BEEF	Chilled temp.	<ol style="list-style-type: none"> 1. Tie the joint into a neat shape. 2. Place the beef directly on the turntable. 3. Brush with a little oil. 4. Cook on "AUTO COOK-ROAST BEEF". 5. Remove from oven. Drain off any excess juices. 6. Stand for 10 minutes in foil before serving. 7. Serve with Yorkshire pudding and gravy. 	Place the beef directly on the turntable.
ROAST CHICKEN	Chilled temp.	<ol style="list-style-type: none"> 1. Wash and dry chicken. Tie the legs loosely together with string. 2. Pierce the skin a couple of times just under the legs. 3. Brush butter mixture all over the chicken. 4. Place the chicken directly on the turntable. 5. Cook on "AUTO COOK-ROAST CHICKEN". 6. Remove from oven. Drain off any excess juices. Season with salt if required. Stand for 10 minutes in foil before serving. 7. Serve with bacon rolls, chipolatas, bread sauce and gravy. 	Place the chicken directly on the turntable.
ROAST PORK	Chilled temp.	<ol style="list-style-type: none"> 1. Tie the joint into a neat shape. 2. Place the pork directly on the turntable. 3. Brush with a little oil. 4. Cook on "AUTO COOK-ROAST PORK". 5. Remove from oven. Drain off any excess juices. 6. Stand for 10 minutes in foil before serving. 7. Serve with apple sauce. 	Place the pork directly on the turntable.
BAKED FISH	Chilled temp.	<ol style="list-style-type: none"> 1. All types of fresh fish(except battered or breadcrumbed fish) can be cooked whether whole, fillets or steaks. 2. Place the prepared fish in a buttered dish. 3. Season with salt and pepper, sprinkle with lemon juice and dot with butter. Do not cover dish. 4. Place the high rack on the turntable. 5. Cook on "AUTO COOK- BAKED FISH". 	Micro and heat proof shallow dish e.g Pyrex.
BAKED POTATO	Room temp.	<ol style="list-style-type: none"> 1. Wash potatoes thoroughly and prick with a fork. 2. Place potatoes directly on low rack on turntable. 3. Cook on "AUTO COOK- BAKED POTATO". 	Low rack on the Turntable
ROAST POTATO	Chilled temp.	<ol style="list-style-type: none"> 1. Wash and dry the potatoes thoroughly. 2. Cut vegetables into even sized pieces and place in dish. 3. Place on low rack on the turntable. 4. Cook on "AUTO COOK- ROAST POTATO". 5. Turn potato when the oven beeps. 	Micro and heat proof dish e.g Pyrex.
FRESH VEGETABLES	Chilled temp.	<ol style="list-style-type: none"> 1. Wash and trim. 2. Place prepared vegetables into a suitable sized container. 3. Sprinkle with 4-5 tbs. of water. 4. Cover with pierced cling film or a lid. 5. Place on dish on the turntable. 6. Cook on "AUTO COOK- FRESH VEGETABLES." <p>* For best results cut vegetables into similar sized pieces.</p>	Microproof dish e.g Pyrex.
FROZEN VEGETABLES	-	<ol style="list-style-type: none"> 1. Place in a suitable sized container. 2. Cover with pierced cling film or a lid. 3. Cook on "AUTO COOK- FROZEN VEGETABLES." 4. Stir after cooking. <p>* Frozen vegetables may be cooked without any added water if preferred.</p>	Microproof dish e.g Pyrex.
CASSEROLE	Chilled temp.	<ol style="list-style-type: none"> 1. Place all the ingredients into a large dish or bowl. 2. Mix very well and cover with lid. 3. Cook on "AUTO COOK- CASSEROLE." 4. After cooking stir well before serving. 	Large micro and heat proof casserole with lid, or large Pyrex bowl covered with plate.

MEMORY COOK

If you often cook or reheat the same types of dishes, you can store the cooking times and functions in the oven's memory, so that you do not have to reset them each time.
You can store one cooking.



To set memory

1. Set your cooking programme as usual.
(except for auto defrost, cakes, crusty and auto cook function)
2. Touch **Memory** button.
The oven will beep and " : 0 " or clock appears in the display.
Your settings are now stored in the oven's memory.

To store different settings simply repeat setting procedure.

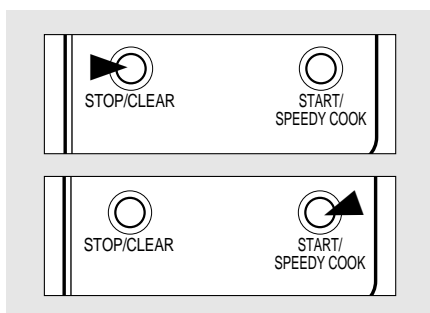
To use memory

1. Touch **Memory** button.
Storing settings in the oven's memory appears in the display.
2. Touch **START/SPEEDY COOK** button.
The oven light comes on and the turntable starts rotating.
Cooking starts and the time in the display will count down.

Note : When there's no memory key setting, "DATA EMPTY SELECT FUNCTION" will be displayed.

SPEEDY COOK

The speedy cook function allows the oven to begin cooking immediately on full power **1000W**.
The speedy cook button has been pre-programmed to increase in increments of 30 seconds up to a maximum time of 5 minutes.



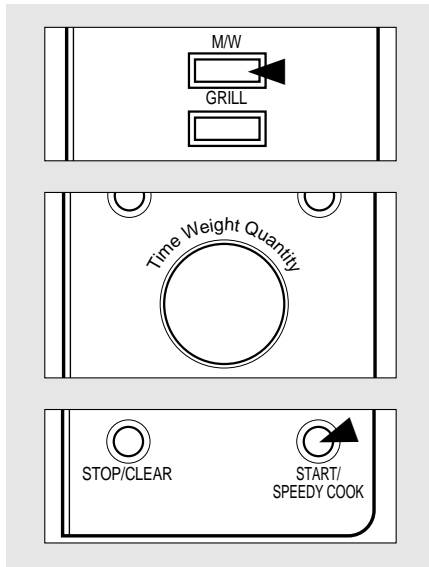
1. Touch **STOP/CLEAR** button.
" : 0 " or clock appears in the display.
2. Touch **START/SPEEDY COOK** button once.
MICROWAVE indicator lights up and the oven begins to operate immediately.
The oven light comes on and the turntable starts rotating.

LESS, MORE

To alter cooking or defrosting time whilst oven is in operation, use **Less** or **More**.
Press **Less/More** button to decrease/increase the cooking or defrosting time in multiples of 1 minutes.
To overall cooking time can be increased to a maximum of 59 minutes.

MANUAL COOLING

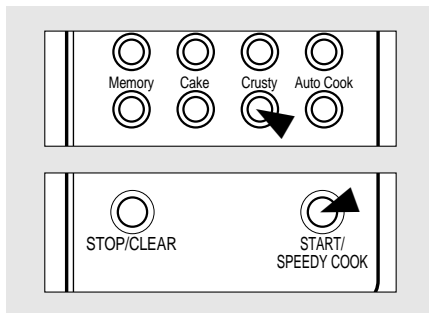
To get better cooking result, the oven needs "cooling" which describes in below.



1. Press and hold **M/W** button for 3 seconds.
The oven will beep and **MICROWAVE** indicator lights off.
"COOLING" and **"SET TIME"** shows in display.
2. Turn the **dial knob** to set the cooling time.
For a cooling time of 10 minutes, turn the **dial knob** to the right to set 10:00.(up to 60 minutes)
"10:00" and **"PRESS START"** shows in display.
3. Touch **START/SPEEDY COOK** button.
Cooling starts and the time in the display will count down.
However the oven light and the turntable not operated.

SCROLL SPEED CONTROL

The scroll speed can be adjusted by user, following the steps below.



1. Touch **Crusty** button once.
MICROWAVE and **CONVECTION** indicator light.
"1 FRESH PIZZA" and **"SET WEIGHT"** shows in display.
2. Select the scroll speed by pressing the **Crusty** button again until the required scroll speed(refer to below chart).
3. Touch **START/SPEEDY COOK** button.
The oven will beep and **" : 0 "** or clock appears in the display.

Scroll Speed Chart

Press Crusty key	Scroll Speed
Once	SLOW(VERY) MODE
Twice	SLOW MODE
3 times	NORMAL MODE
4 times	FAST MODE

TO STOP THE OVEN WHILE THE OVEN IS OPERATING

1. Open the door.
 - Oven stops operating.
 - You can restart the oven by closing the door and touching **START/SPEEDY COOK** button.
2. Press the **STOP/CLEAR** button.
 - Oven stops operating.
 - If you wish to cancel the cooking settings, press the **STOP/CLEAR** button again.

ABNORMAL MESSAGE



TEMPERATURE IS HIGH

- "TEMPERATURE IS HIGH" message will be shown when the inside temperature of the oven is high before selecting defrost or 40°C convection mode.
- To get better cooking result, the oven needs "cooling".



ERROR 2

- If the inside temperature of the oven is higher than expected or the temperature sensor doesn't work properly, "ERROR 2" message will be shown in the display.
- Unplug the power and call our technical service.



ERROR 3

- When the temperature sensor is disconnected, "ERROR 3" message will be shown in the display.
- Unplug the power and call our technical service.

GENERAL GUIDE LINES

Since microwave cooking to some extent is different from traditional cooking, the following general guidelines should be considered whenever you use your microwave oven

If the food is undercooked

Check if:

- You have selected the correct power level.
- The selected time is sufficient-the times given in the recipes are approximate. They depend on initial temperature, weight and density of the food etc.
- The container is appropriate.

If the food is overcooked, i.e. dried out or burnt

Before you cook again, consider whether:

- The power level was too high.
- The set time was too long-the times in the recipes are approximate. They depend on initial temperature, weight and density of the food etc.

Points to remember when defrosting

- The shape of the package alters the defrosting time. Shallow rectangular packets defrost more quickly than a deep block. Separate pieces as they begin to defrost; free low slices defrost more easily.
- Shield areas of food with small pieces of foil if they start to become warm.
- When defrosting, it is better to under thaw the food slightly and allow the process to finish during the standing time.

The amount of food

The more food you want to prepare the longer it takes. A rule of thumb is that double amount of food requires almost double the time. If one potato takes four minutes to cook, approximately seven minutes are required to cook two potatoes.

Starting temperature of food

The lower the temperature of the food which is being put into the microwave oven, the longer time it takes. Food at room temperature will be reheated more quickly than food at refrigerator temperature.

Composition of the food

Food with a lot of fat and sugar will be heated faster than food containing a lot of water. fat and sugar will also reach a higher temperature than water in the cooking process. The more dense the food, the longer it takes to heat. "Very dense" food like meat takes longer time to reheat than lighter, more porous food like sponge cakes.

Size and shape

Smaller pieces of food will cook more quickly than larger pieces and uniform pieces of food cook more evenly than irregularly shaped foods.

With unevenly shaped food, the thinner parts will cook faster than the thicker areas. Place the thinner chicken wings and legs to the centre of the dish.

Stirring, turning of foods

Stirring and turning of foods are techniques used in conventional and well as in microwave cooking to distribute the heat quickly to the centre of the dish and avoid over-cooking at the outer edges of the food.

Covering food helps:

- To reduce spattering
- To shorten cooking times
- To retain food moisture

All covering, which will allow microwaves to pass through are suitable-See above "Which utensils can be used in the oven?"

Releasing pressure in foods

Several foods are tightly covered by a skin or membrane. These foods should be pricked with a fork or cocktail stick to release the pressure and to prevent bursting, as steam builds up within them during cooking. This applies to potatoes, chicken livers, sausages, egg yolks and some fruits.

Standing time

Always allow the food to stand for some time after using the oven. standing time after defrosting, cooking/reheating always improves the result since the temperature will then be evenly distributed through out the food.

In a microwave oven foods continue to cook even when the microwave energy is turned off. They are no longer cooking by microwaves, but they are still being cooked by the conduction of the high residual heat to the centre of the food. The length of standing time depends on the volume and density of the food. Sometimes it can be as short as the time it takes you to remove the food from the oven and take it to the serving table. However, with larger, denser foods, the standing time may be as long as 10 minutes. During 'standing', the internal temperature of the food will rise by as much as 8°C and the food will finish cooking in this time.

Arranging food

This is done in several ways in microwave cooking to give more even cooking results.

If you are cooking several items of the same food such as jacket potatoes, place them in a ring pattern for uniform cooking. When cooking foods of uneven shapes or thickness, place the smaller or thinner area of the food towards the centre of the dish where it will be heated last.



Uneven foods such as fish should be arranged in the oven with the tails to the centre.

If you are saving a meal in the refrigerator or 'plating' a meal for reheating, arrange the thicker, denser foods to the outside of the plate and the thinner or less dense foods in the middle.

Place thin slices of meat on top of each other or interlace them. Thicker slices such as meat loaf and sausages have to be placed close to each other. Gravy or sauce should be reheated in a separate container.



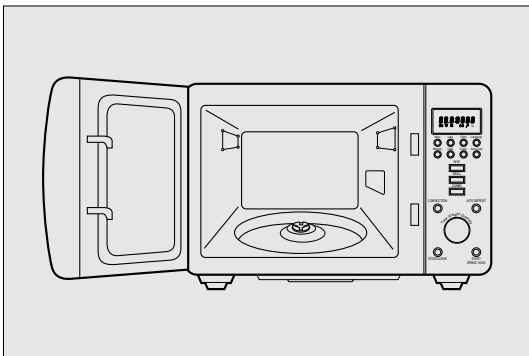
Choose a tall, narrow container rather than a low and wide container. When reheating gravy, sauce or soup, do not fill the container more than 2/3.



When you cook or reheat whole fish, score the skin this prevents cracking. Shield the tail and head with small pieces of foil to prevent over-cooking but ensure the foil does not touch the sides of the oven.



KEEP THE OVEN CLEAN



Note:

Do not use any other Turntable in the oven. Do not operate the oven without the Turntable and Rotating Base Properly in place.

DOOR

While the oven door is still warm, any spatters or food soils should be wiped off with a damp sudsy cloth or sponge. Rinse with water and wipe dry with a cloth.

If steam or condensation appears around this area, wipe with a cloth. This may occur when the oven is operating under high humidity and with foods containing lots of moisture. This is a normal part of microwave cooking.

INSIDE THE OVEN

The interior three side walls and floor are stainless steel. For easy cleaning, wipe spills and spatters as they occur with a damp cloth or sponge with water and a mild detergent. Rinse the cavity of any cleaning residue with a clean damp or sponge after cleaning. Dry with a soft cloth.

These areas can also be cleaned by using plastic or nylon scouring pads recommended for use of Teflon and Silverstone*.

For hard to remove soil, use a mild non-abrasive cleaner. Use on the stainless steel areas, turntable and rotating base only.

FLOOR

A grill element is installed under the floor, and there are holes on the floor over the grill. Therefore, you must be very careful not to drop any waterdrops or spills over the holes. Do not wipe the holed-surface with a damp cloth or detergent. Only use soft, clean and dry cloth.

When you clean the groove or floor with a damp cloth, you need to be careful not to touch the holed-surface.

TOP SURFACE

Two quartz grill elements are installed on the top surface. As they are fragile, be careful not to press or grip them hard. Do not remove the grill elements to clean the surface.

Warning

Just as your traditional oven becomes hot also this oven will become hot during use of the grill functions or in combination with microwaves. Children should be supervised at all times when using the oven.

TURNTABLE AND ROTATING BASE

These two parts are easily removable for cleaning. The turntable should be cleaned frequently and is dishwasher proof.

If food spills are accumulated under the rotating base, the oven will not operate efficiently. Be sure to wipe up any spills as they occur in this area.

Clean these parts as described in by the same method of cleaning inside the oven. Be sure to properly reinstall these parts into the cavity after cleaning.

Note:

• Although your oven is provided with safety features, it is important to observe the following:

1. It is important not to defeat or tamper with safety interlocks.
2. Do not place any object between the oven front face and the door or allow residue to accumulate on sealing surfaces. Wipe the sealing area frequently with a mild detergent, rinse and dry. Never use abrasive powers or pads.
3. When opened, the door must not be subjected to strain, for example, a child hanging on an open door or any load could cause the oven to fall forward to cause injury and also damage to the door. Do not operate the oven if it is damaged, until it has been repaired by a service technician. It is particularly important that the oven closes properly and that there is no damage to the:
 - 1) Door(bent)
 - 2) Hinge and Hooks(broken or loosened)
 - 3) Door seals and sealing surface.
4. The oven should not be adjusted or repaired by anyone except a properly trained service technician.

EXTERIOR

CONTROL PANEL

Exercise care when cleaning this area. To clean, wipe the panel with a slightly dampened cloth, using only water. Wipe dry. Do not scrub this area or use any sort of chemical cleaner. Avoid use of excess water.

OUTSIDE SURFACE

The outside surfaces should be cleaned with soap and water, rinsed and dried with a soft cloth. Do not use any type of household or abrasive cleanser.

Note:

- DO NOT USE ANY TYPE OF OVEN CLEANER ON ANY PART OF THE OVEN. It will damage some of the interior and exterior surfaces of the oven.
- In order to keep the good condition of your oven, clean the inside after each cooking.
- Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

BEFORE CALLING FOR SERVICE

You can often correct operating problems yourself. If your microwave/grill oven fails to work properly, locate the operating problem in the chart below and try the solutions marked for each problems.

If the microwave/grill oven still does not work properly, contact the nearest Service Center.

Note:

It is quite normal for steam to be emitted around the door during the cooking cycle. The door is not intended to seal the oven cavity completely but its special design contributes to the complete safety of the appliance.

Caution:

1. Do not attempt to operate the oven while empty as this will cause damage.
2. As an exhaust is located in the rear of the oven, install the oven so as not to block the outlet.
If the microwave/grill oven still does not work properly, contact the nearest Service Center.

PROBLEM													
Oven will not start	X	X	X	X									
Arcing or sparking					X	X							
Unevenly cooked foods					X		X	X	X				
Overcooked foods										X			
Undercooked foods					X				X	X	X		
Improper defrosting					X		X	X		X			X
SOLUTION													
Is start button pressed?													
Is power cord plugged in?													
Is door closed?													
Set the cooking time.													
Use approved cookware only.													
Do not operate with oven empty.													
Supplied tray must be used.													
Turn of stir food.													
Completely defrost food.													
Turn correct dial knob / Press correct Function buttons													
Check to see that oven ventilation parts are not blocked.													
Do "manual cooling" over 10 minutes.													

QUESTIONS AND ANSWERS

Q: I accidentally ran my microwave oven without any food in it. is it damaged?

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

Q: Can I open the door when the oven is operating?

A: The door can be opened anytime during the oven operation. Microwave energy will be instantly switched off and the time setting will maintain until the door is closed.

Q: Does microwave energy pass through the viewing screen in the door?

A: No. The metal screen bounces back the energy to the oven cavity. The holes are made to allow light to pass through. They do not let microwave energy pass through.

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, vacuums, blow dryers, etc. It does not indicate a problem with your oven.

Q: How can we know whether the oven is operating or not?

A: Oven is operating only when the door is closed. After the end of oven cooking, the cooling fan will run for two minutes.

Q: Why does my oven light dim?

A: When cooking at reduced power level, the oven must cycle to obtain the selected power levels. The oven light, dims and clicking noises can be heard when the oven cycles.

Q: When is the oven light on and off?

A: The oven light is on during the cooking time and when the door is opened.

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 microwave in the air. The oven vents should never be blocked during cooking.

Q: Why does the smoke come out of the exhaust vent at the back of oven?

A: It is normal for smoke to come out of the vents during cooking. Smoke may be produced when food is overcooked.

SPECIFICATIONS

Power supply		230V, 50Hz
Microwave	Power consumption	1500W
	Output power	1000W (IEC 705)
	Frequency	2,450MHz
Grill power consumption		1600W
Convection power consumption		2300W
Combination heating power consumption		3100W
Outside Dimension(WXDXH)		560(22.0)X543(21.3)X344(13.5)mm (inch)
Cavity Dimensions(WXDXH)		368.5(14.5)X376.5(14.8)X246(9.7)mm (inch)
Net Weight		Approx. 21.5Kg (47.6 lbs.)
Timer		60 minutes
Select function		Microwave / Grill / Convection / Combination
Microwave power level		10 stages

* Microwave oven is a Group 2 ISM equipment in which radio-frequency energy is intentionally generated and used in the form of electromagnetic radiation for the treatment of material. This oven is a Class B equipment suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

* Specifications are subject to change without notice.

ABOUT THIS MANUAL

VISION CREATIVE, INC.

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		TEL	
MODEL	KOC - 1B4K0S		
BUYER	(Basic)KOC - 1B4K		
	1	2001.10.8	6
	2	2001.10.12	7
	3		8
	4		9
	5		10
	(2001.10.12)		
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(2001.11.2) - (1~6,10,12,16~20,22,23,25p) - 11page Nia ()			
(2002.2.2) - (5,11~13,15~17,20,22,25p) - 10page			
(2002.2.27) - (13,18,19,21p) - 4page			
(2002.12.11) - (1) - 1page			
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06.2.3 - ,1,2,3,4,5,31p - (7p)			

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