INSTRUCTION **MANUAL**

GEMG28TK

MICROWAVE **OVEN**

HOME **APPLIANCES**

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Read these instructions carefully before using your microwave oven, and keep it safe for future reference. If you follow the instructions, your oven will provide you with many years of good service.

SAVE THESE INSTRUCTIONS CAREFULLY

Precautions to avoid possible exposure to excessive microwave energy

- Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.
- Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- **WARNING:** If the door or door seals are damaged, the oven must not be operated until it has been repaired by a qualified service person.
- If the apparatus is not maintained in a good state of cleanliness, its surface could be degraded and affect the lifespan of the apparatus and lead to a dangerous situation.

Technical specification

Model	GEMG28TK
Rated Voltage	230-240V~50Hz
Rated Input Power(Microwave)	1450W
Rated Output Power(Microwave)	900W
Rated Input Power(Grill)	1100W
Oven Capacity	28L
Turntable Diameter	315mm
External Dimensions	594 x 412 x 388mm
Net Weight	Approx. 17.5 kg

Important safety instructions
Warning

To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when using your appliance, follow basic precautions, including he following:

- **Warning:** Liquids and other foods must not be heated in sealed containers since they are liable to explode.
- **Warning:** It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.
- Keep the appliance and its cord out of reach of children less than 8 years.
- Only use utensils suitable for use in microwave ovens.
- The oven should be cleaned regularly and any food deposits should be removed.
- Read and follow the specific:"PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".
- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- If smoke is emitted, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- Do not overcook food.
- Do not use the oven cavity for storage purposes. Do not store flammable items or liquids in or near the appliance.
- Remove wire twist-ties and metal handles from paper or plastic containers/bags before placing them in the oven.
- Install or locate this oven only in accordance with the installation instructions provided.
- Eggs in the shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
- This appliance is intended to be used in household and similar applications such as: -staff kitchen areas in shops, offices and other working environments; -by clients in hotels, motels and other residential type environments; -farm houses; -bed and breakfast type environments.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not store or use this appliance outdoors.
- Do not use this oven near water, in a wet basement or near a swimming pool.
- The temperature of accessible surfaces may be high when the appliance is operating. The surfaces are liable to get hot during use. Keep cord away from heated surface, and do not cover any vents on the oven.
- Do not let cord hang over edge of table or counter.
- 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.
- The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.
- Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The appliances are not intended to be operated by means of an external timer or separate remote-control system.

Important safety instructions
Warning

- Accessible parts may become hot during use. Young children should be kept away.
- This appliance must not be cleaned by use of a Steam cleaner.
- Only use the temperature probe recommended for this oven (for ovens provided with a facility to use a temperature-sensing probe).
- **WARNING**: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements.
- Surface of a storage cabinet can get hot.

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

To reduce the risk of injury to persons Grounding installation

Danger

Electric Shock Hazard Touching some of the internal components can cause serious personal injury or death. Do not disassemble this appliance.

Warning

Electric Shock Hazard Improper use of the grounding can result in electric shock. Do not plug into an outlet until appliance is properly installed and grounded.

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

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded.

If it is necessary to use an extension cord , use only a 3-wire.

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. If a long cord set or extension cord issued:
   a) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
   b) The extension cord must be a grounding-type 3-wire cord.
   c) The long cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over unintentionally.

Cleaning

Be sure to unplug the appliance from the power supply.

1. Clean the cavity of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in warm soapy water.
3. The door frame and seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.
4. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
5. Cleaning Tip – For easier cleaning of the cavity walls that the food cooked can touch: Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

Utensil caution

Personal injury hazard

It is hazardous for anyone other than a qualified service person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

See the instructions on “Materials you can use in microwave oven or to be avoided in microwave oven.” There may be certain non-metallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

Utensil test:

1. Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question.
2. Cook on maximum power for 1 minute.
3. Carefully feel the utensil. If the empty utensil is warm, do not use it for microwave cooking.
4. Do not exceed 1 minute cooking time.

Materials you can use in microwave oven

Utensils	Remarks
Aluminum foil	Shielding only. Small smooth pieces can be used to cover thin parts of meat or poultry to prevent overcooking. Arcing can occur if foil is too close to oven walls. The foil should be at least 1 inch (2.5cm) away from oven walls.
Browning dish	Follow manufacturer’s instructions. The bottom of browning dish must be at least 3/16 inch (5mm) above the turntable. Incorrect usage may cause the turntable to break.
Dinnerware	Microwave-safe only. Follow manufacturer’s instructions. Do not use cracked or chipped dishes.
Glass jars	Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.
Glassware	Heat-resistant oven glassware only. Make sure there is no metallic trim. Do not use cracked or chipped dishes.
Oven cooking bags	Follow manufacturer’s instructions. Do not close with metal tie. Make slits to allow steam to escape.
Paper plates and cups	Use for short–term cooking/warming only. Do not leave oven unattended while cooking.
Paper towels	Use to cover food for reheating and absorbing fat. Use with supervision for a short-term cooking only.
Parchment paper	Use as a cover to prevent splattering or a wrap for steaming.
Plastic	Microwave-safe only. Follow the manufacturer’s instructions. Should be labeled “Microwave Safe”. Some plastic containers soften, as the food inside gets hot. “Boiling bags” and tightly closed plastic bags should be slit, pierced or vented as directed by package.
Plastic wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave-safe only (meat and candy thermometers).
Wax paper	Use as a cover to prevent splattering and retain moisture.

Utensil caution

Materials to be avoided in microwave oven

Utensils	Remarks
Aluminum tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-trimmed utensils	Metal shields the food from microwave energy. Metal trim may cause arcing.
Metal twist ties	May cause arcing and could cause a fire in the oven.
Paper bags	May cause a fire in the oven.
Plastic foam	Plastic foam may melt or contaminate the liquid inside when exposed to high temperature.
Wood	Wood will dry out when used in the microwave oven and may split or crack.

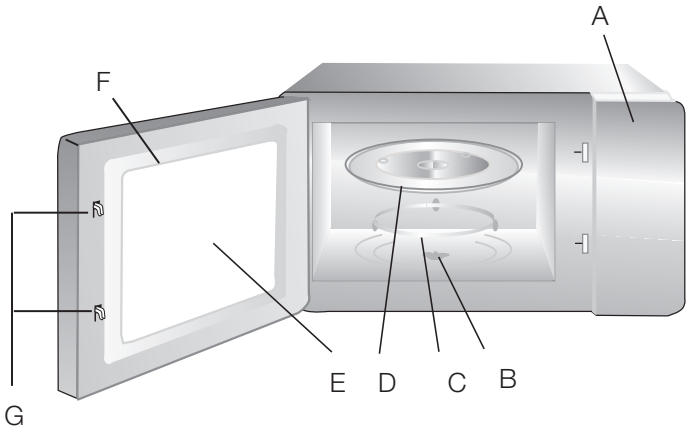
Microwave oven description

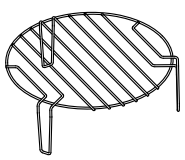
Names of oven parts and accessories

Remove the oven and all materials from the carton and oven cavity.

Your oven comes with the following accessories:

Glass tray	1
Turntable ring assembly	1
Instruction Manual	1



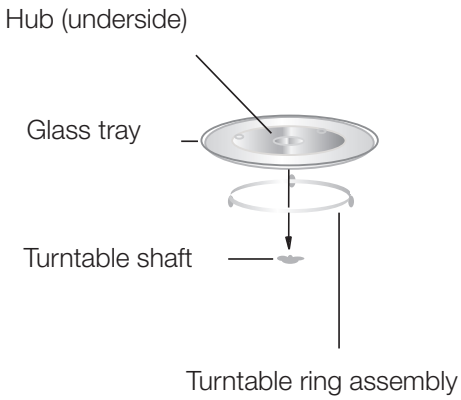


Grill Rack(Only be used in grill function and be placed on the glass tray)

A) Control panel
B) Turntable shaft
C) Turntable ring assembly
D) Glass tray
E) Observation window
F) Door assembly
G) Safety interlock system

Setting up your oven

Turntable Installation



a. Never place the glass tray upside down. The glass tray should never be restricted.

b. Both glass tray and turntable ring assembly must always be used during cooking.

c. All food and containers of food are always placed on the glass tray for cooking.

d. If glass tray or turntable ring assembly cracks or breaks, contact your nearest authorized service center.

Installation and connection

1. This appliance is only intended for domestic use.
2. This oven is intended for built-in use only. It is not intended for counter-top use or for use inside a cupboard.
3. Please observe the special installation instructions.
4. The appliance can be installed in a 60cm wide wall-mounted cupboard(at lease 55cm deep and 85cm off the floor).
5. The appliance is fitted with a plug and must only be connected to a properly installed earthed socket.
6. The mains voltage must correspond to the voltage specified on the rating plate.
7. The socket must be installed and connecting cable must only be replaced by a qualified electrician. If the plug is no longer to accessible following installation,an all-pole disconnecting device must be present on the installation side with a contact gap of at lease 3mm.
8. Adapters, multi-way strips and extension leads must not be used. Overloading can result in a risk of fire.

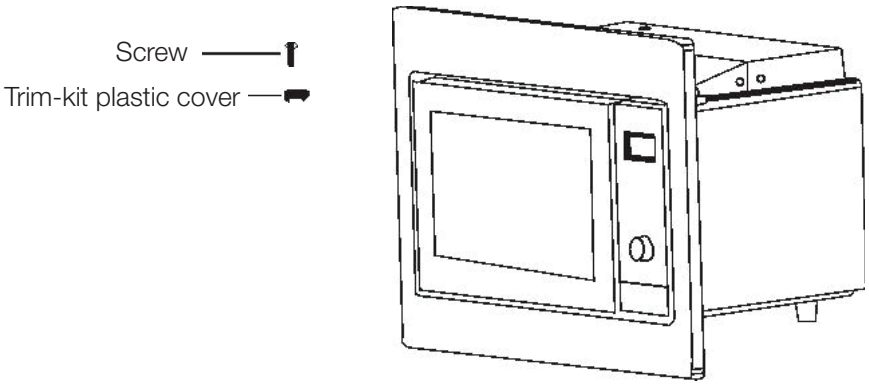
The accessible surface may be hot during operation.

Installation instructions

Please Note

The following instructions relate to installation in a built-in application, although if the microwave is to be used in a freestanding manner on a bench top, for instance, a set of grey plugs are provided with the unit to place into the pre-drilled screw holes in the top panel of the oven housing.

Please read the manual carefully before installation



Please Note

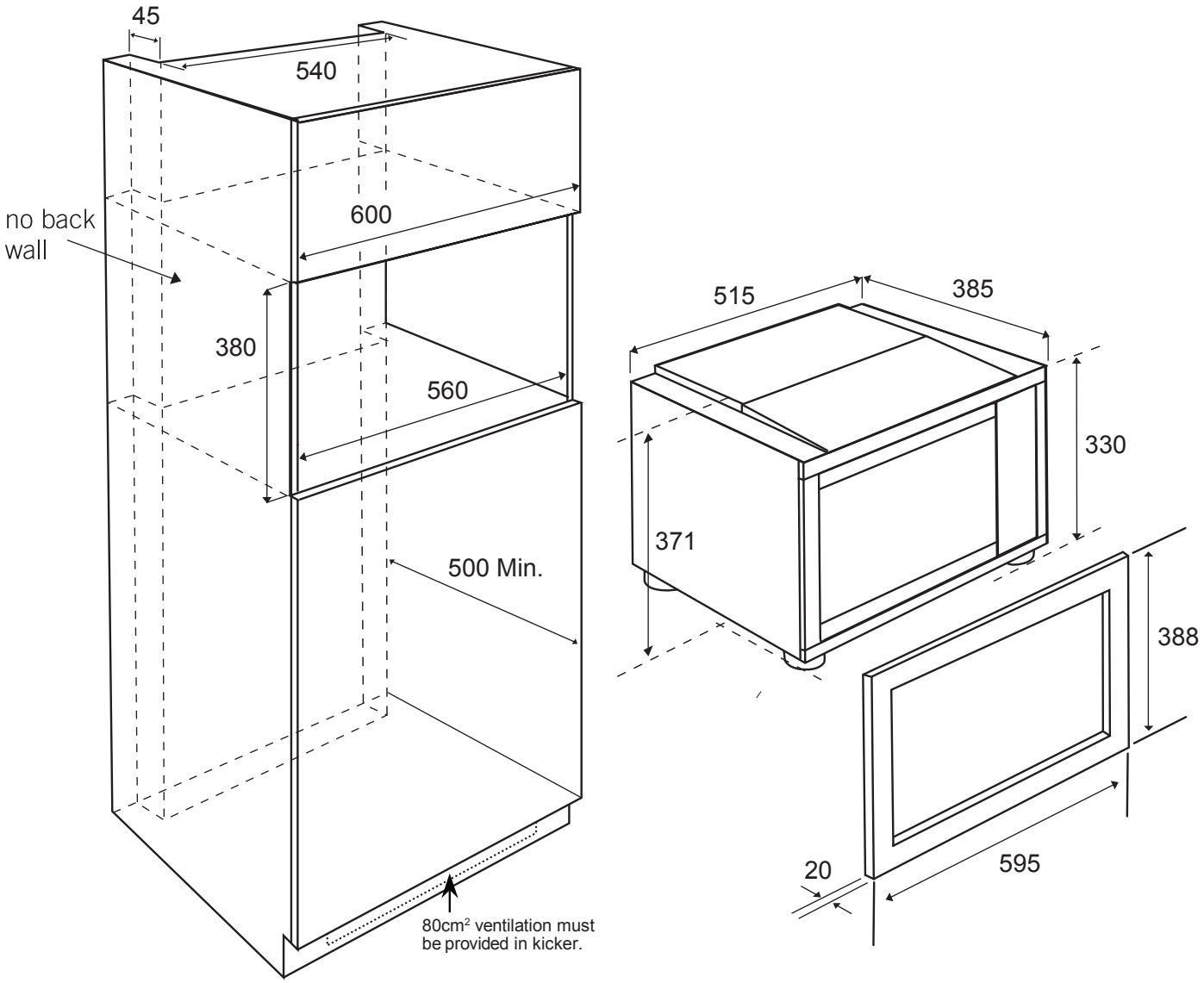
Electrical connection

The oven is fitted with a plug and must be only connected to a properly installed earthed socket. In accordance with the appropriate regulations, the socket must only be installed and the connecting cable must only be replaced by a qualified electrician. If the plug is no longer accessible following installation and all-pole isolating switch must be present on the installation side with a contact gap of at least 3mm.

Installation instructions

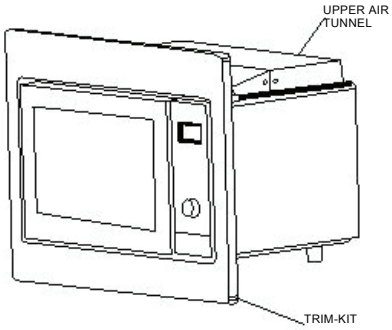
A. Built-in furniture

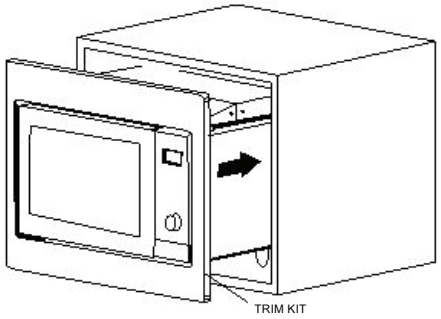
The built-in cabinet shall not have a rear wall behind the appliance.
Minimum installation height is 85cm.
Do not cover ventilation slots and air intake points.



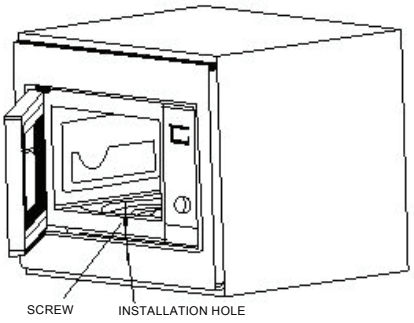
Installation instructions

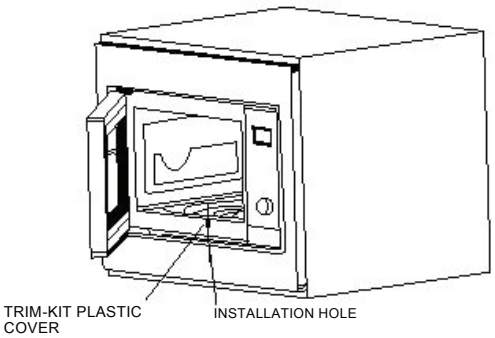
B. Install the Oven





1. Do not trap or kink the power cord.
   Make sure that the oven is installed in the center of the cabinet.





2. Open the door; fix the oven to the cabinet with SCREW at the INSTALLATION HOLE of TRIM KIT. Then fix the TRIM-KIT PLASTIC COVER to the INSTALLATION HOLE.

Operational instructions

1. Clock Setting

When the microwave oven is plugged in and turned on, the LED will display “0:00”, buzzer will ring once.

a) Press “Clock/Kitchen Timer” once, the hour figures will flash.

b) Turn “ ” to adjust the hour figures, the input time should be within 0--23.

c) Press “Clock/Kitchen Timer”, the minute figures will flash.

d) Turn “ ” to adjust the minute figures, the input time should be within 0--59.

e) Press “Clock/Kitchen Timer” to finish clock setting. “:” will flash, and the time will light.

Note: 1) If the clock is not set, it would not function when powered.

2) During the process of clock setting, if you press “Stop/Clear”, the oven will go back to the previous status automatically.

2. Microwave Cooking

Press “Microwave” the LED will display “P100”. Press “Microwave” for times or turn “ ” to choose the power you want, and “P100”, “P80”, “P50”, “P30” or “P10” will display for each added press. Then press “ Start/+30Sec./Confirm “ to confirm, and turn “ ” to set cooking time from 0:05 to 95:00. Press “Start/+30Sec./Confirm “ again to start cooking.

Example: If you want to use 80% microwave power to cook for 20 minutes, you can operate the oven as the following steps.

a) Press “Microwave” once, the screen displays “P100”.

b) Press “Microwave” once again or turn “ ” to choose 80% microwave power.

c) Press “Start/+30Sec./Confirm” to confirm, and the screen displays “P 80”.

d) Turn “ ” to adjust the cooking time until the oven displays “20:00”.

e) Press “Start/+30Sec./Confirm” to start cooking .

Note: the step quantities for the adjustment time of the coding switch are as follows:

0---1 min	5 seconds
1---5 min	10 seconds
5---10 min	30 seconds
10---30 min	1 minute
30---95 min	5 minutes

Operational instructions

Microwave "Pad" Instructions

Order	Display	Microwave Power
1	P100	100%
2	P80	80%
3	P50	50%
4	P30	30%
5	P10	10%

3. Grill or Combi. Cooking

Press "Grill/Combi." the LED will display "G", and press "Grill/Combi." for times or turn the " " to choose the power you want, and "G", "C-1" or "C-2" will display for each added press. Then press " Start/+30Sec./Confirm" to confirm, and turn " " to set cooking time from 0:05 to 95:00. Press "Start/+30Sec./Confirm" again to start cooking.

Example: If you want to use 55% microwave power and 45% grill power (C-1) to cook for 10 minutes, you can operate the oven as the following steps.

1) Press "Grill/Combi." once, the screen displays "G".

2) Press "Grill/Combi." once again or turn " " to choose combi. 1 mode.

3) Press " Start/+30Sec./Confirm" to confirm, and the screen displays "C-1".

4) Turn " " to adjust the cooking time until the oven displays "10:00".

5) Press "Start/+30Sec./Confirm" to start cooking.

Grill / Combi Pad Instructions

Order	Display	Microwave Power	Grill Power
1	G	0%	100%
2	C-1	55%	45%
3	C-2	36%	64%

Note: If half the grill time passes, the oven sounds twice, and this is normal. In order to have a better effect of grilling food, you should turn the food over, close the door, and then press " Start/+30Sec./Confirm" to continue cooking. If no operation, the oven will continue working.

Operational instructions

4. Quick Start

a) In waiting state, press “Start/+30Sec./Confirm” to start cooking with 100% power, each added press will increase 30 seconds cooking time up to 95 minutes.

b) In microwave, grill, combi. cooking or time defrost state, each press of “Start/+30Sec./Confirm” can increase 30 seconds of cooking time.

c) In waiting state, turn “ ” anti-clockwise to set cooking time with 100% microwave power, then press “Start/+30Sec./Confirm” to start cooking.

5. Defrost By Weight

a) Press “ Weight Defrost”, and the oven will display “dEF1”.

b) Turn “ ” to select the weight of food from 100 to 2000g.

3) Press “Start/+30Sec./Confirm” to start defrosting.

6. Defrost By Time

a) Press “Time Defrost “, and the oven will display “dEF2”.

2) Turn “ ” to select the defrost time. The MAX. time is 95 minutes.

3) Press “Start/+30Sec./Confirm” to start defrosting. The power is P30 and it cannot be adjusted.

7. Auto Menu

a) Turn “ ” right to choose the menu, and “A-1” to “A-10” will display, which means pizza, potato, meat, fish, vegetable, beverage, pasta, popcorn, chicken and reheat.

b) Press “ Start/+30Sec./Confirm “ to confirm.

c) Turn “ ” to choose the default weight as the menu chart.

d) Press “ Start/+30Sec./Confirm “ to start cooking.

Example: If you want to use “Auto Menu” to cook fish for 350g.

a) Turn “ ” clockwise till “A-4” displays.

b) Press “ Start/+30Sec./Confirm “ to confirm.

c) Turn “ ” to select the weight of fish till “350” displays.

d) Press “ Start/+30Sec./Confirm “ to start cooking.

Operational instructions

The Menu Chart

Menu	Weight	Display
A-1 Pizza	200g	200
	400g	400
A-2 Potato	200g	200
	400g	400
	600g	600
A-3 Meat	250g	250
	350g	350
	450g	450
A-4 Fish	250g	250
	350g	350
	450g	450
A-5 Vegetable	200g	200
	300g	300
	400g	400
A-6 Beverage	1 (about 120ml)	1
	2 (about 240ml)	2
	3 (about 360ml)	3
A-7 Pasta	50g (with 450g cold water)	50
	100g (with 800g cold water)	100
A-8 Popcorn	50g	50
	100g	100
A-9 Chicken	400g	400
	800g	800
	1200g	1200
A-10 Reheat	200g	200
	400g	400
	600g	600

8. Kitchen Timer

a) Press “Clock/ Kitchen Timer” twice, LED will display 00:00.

b) Turn “ ” to enter the correct time.(The maximum cooking time is 95 minutes.)

c) Press “Start/+30Sec./Confirm” to confirm setting, clock indicator will be lighted.

d) When the kitchen time is reached, clock indicator will go out. The buzzer will ring 5 times. If the clock has been set (24-hour system), LED will display the current time.

Note: The kitchen Time is different from 24-hour system. Kitchen Timer is a timer.

9. Multi-section cooking

At most 2 sections can be set for cooking. In multi-section cooking, if one section is defrosting, then defrosting shall be placed in the first section.

Example: If you want to defrost food for 5 minutes and then cook with 80% microwave power for 7 minutes, operate it as the following:

a) Press “Time Defrost”.

b) Turn “ ”, and the oven will display “dEF2”.

“ to select the defrost time till “5:00” displays.

c) Press “Microwave” once, the screen displays “P100”.

d) Press “Microwave” once again or turn “ ” to choose 80% microwave power.

e) Press “Start/+30Sec./Confirm” to confirm, and the screen displays “P 80”.

f) Turn “ ” to adjust the cooking time till the oven displays “7:00”.

g) Press “Start/+30Sec./Confirm” to start cooking, and buzzer will sound once for the first section, defrosting time counts down; buzzer will sound once again entering the second cooking. When cooking finish es, buzzer sounds five times.

Operational instructions

10. Inquiring Function

a) In states of microwave, grill and combination cooking, press “Microwave”, the current power will be displayed for 3 seconds. After 3 seconds, the oven will turn back to the former state;

b) In cooking state, press “Clock/ Kitchen Timer” to inquire the time and the time will display for 3 seconds.

11. Lock-out Function for Children

Lock: In waiting state, press “Stop/Clear” for 3 seconds, there will be a long beep denoting entering the children-lock state and the locked indicator will light. The current time will display if the clock has been set. Otherwise, the LED will display “0:00”.

Lock quitting: In locked state, press “Stop/Clear” for 3 seconds, there will be a long “beep” denoting that the lock is released.

Trouble Shooting

Normal	
Microwave oven interfering with TV reception	Radio and TV reception may be interfered when microwave oven is operating. It is similar to the interference of small appliances, like mixer, vacuum cleaner, and electric fan. It is normal.
Dim oven light	In low power microwave cooking, oven light may become dim. It is normal.
Steam accumulating on door, hot air out of vents	In cooking, steam may come out of food. Most will get out from vents, but some may accumulate on a cool place like the oven door. This is normal.
Oven started accidentally with no food in.	It is forbidden to run the unit without any food inside. It is very dangerous.

Trouble	Possible Cause	Remedy
Oven cannot be started.	(1) Power cord not plugged in tightly.	Unplug. Then plug again after 10 seconds.
	(2) Fuse blowing or circuit breaker works.	Replace fuse or reset circuit breaker (repaired by professional personnel of our company).
	(3) Trouble with outlet.	Test outlet with other electrical appliances.
Oven does not heat.	(4) Door not closed well.	Close door well.
Glass turntable makes noise when microwave oven operates.	(5) Dirty roller rest and oven bottom.	Refer to “Maintenance of Microwave” to clean dirty parts.

According to Waste of Electrical and Electronic Equipment (WEEE) directive, WEEE should be separately collected and treated. If at any time in future you need to dispose of this product please do NOT dispose of this product with household waste. Please send this product to WEEE collecting points where available.

Notes

Notes

Notes

HOME **APPLIANCES**

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