



# **USER'S MANUAL**



KMG 2222IAM

Multimate

GRILL & DIGITAL

MICROWAVE OVEN



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# PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- 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.
- 2. Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- 3. Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the
  - a. Door (bent).
  - b. Hinges and latches (broken or loosened).
  - c. Door seals and sealing surfaces.
- 4. The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

# **IMPORTANT SAFETY INSTRUCTIONS**

When using electrical appliance basic safety precautions should be followed, including the following:

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

- 1. Read all instructions before using the appliance.
- Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
- 3. Do not operate the oven when empty.
- 4. 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. 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.
- 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.
- WARNING: When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.
- 7. To reduce the risk of fire in the oven cavity:
  - a. When heating food in plastic or paper container, keep an eye on the oven due to the possibility of ignition.
  - b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.
  - c. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
  - d. Do not use the cavity for storage purposes.
     Do not leave paper products, cooking utensils or food in the cavity when not in use.
- WARNING: Liquid or other food must not be heated in sealed containers since they are liable to explode.
- Microwave heating of beverage can result in delayed eruptive boiling, therefore care has to be taken when handle the container.

- Do not fry food in the oven. Hot oil can damage oven parts and utensils and even result in skin burns.
- 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.
- Pierce foods with heavy skins such as potatoes, whole squashes, apples and chestnuts before cooking.
- 13. The contents of feeding bottles and baby jars should be stirred or shaken and the temperature should be checked before serving in order to avoid burns.
- 14. Cooking utensils may become hot because of heat transferred from the heated food. Potholders may be needed to handle the utensil.
- 15. Utensils should be checked to ensure that they are suitable for use in microwave oven.
- 16. WARNING: It is hazardous for anyone other than a trained person to carry out any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy.
- 17. This product is a Group 2 Class B ISM equipment. The definition of Group 2 which contains all ISM (Industrial, Scientific and Medical) equipment in which radio-frequency energy is intentionally generated and/or used in the form of electromagnetic radiation for the treatment of material, and spark erosion equipment. For Class B equipment is 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 purpose.
- 18. This 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.
- 19. Children should be supervised to ensure that they do not play with the appliance.

## **SPECIFICATIONS**

Power Consumption	230V~50Hz, 1200W (Microwave) 1000W (Grill)
Rated Microwave Power Output	800W
Operation Frequency	2450 MHz
Outside Dimensions	262mm(H)×452mm(W)×390mm(D)
Oven Cavity Dimensions	210mm(H)×315mm(W)×329mm(D)
Oven Capacity	20Litres
Cooking Uniformity	Turntable System
Net Weight	Approx.12.5kg

### INSTALLATION

- Make sure that all the packing materials are removed from the inside of the door.
- WARNING: Check the oven for any damage, such as misaligned or bent door, damaged door seals and sealing surface, broken or loose door hinges and latches and dents inside the cavity or on the door. If there is any damage, do not operate the oven and contact qualified service personnel.
- This microwave oven must be placed on a flat, stable surface to hold its weight and the heaviest food likely to be cooked in the oven.
- Do not place the oven where heat, moisture, or high humidity are generated, or near combustible materials

- For correct operation, the oven must have sufficient airflow. Allow 20cm of space above the oven, 10cm at back and 5cm at both sides. Do not cover or block any openings on the appliance. Do not remove feet.
- Do not operate the oven without glass tray, roller support, and shaft in their proper positions.
- Make sure that the power supply cord is undamaged and does not run under the oven or over any hot or sharp surface.
- The socket must be readily accessible so that it can be easily unplugged in an emergency.
- 9. Do not use the oven outdoors.

# RADIO INTERFERENCE

Operation of the microwave oven can cause interference to your radio, TV, or similar equipment.

When there is interference, it may be reduced or eliminated by taking the following measures:

Clean door and sealing surface of the oven.

- Reorient the receiving antenna of radio or television.
- 3. Relocate the microwave oven with respect to the receiver.
- Move the microwave oven away from the receiver.
- Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

# **GROUNDING INSTRUCTIONS**

This appliance must be grounded. This oven is equipped with a cord having a grounding wire with a grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded. In the event of an electrical short circuit, grounding reduces risk of electric shock by providing an escape wire for the electric current. It is recommended that a separate circuit serving only the oven be provided. Using a high voltage is dangerous and may result in a fire or other accident causing oven damage.

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

#### Note:

- 1. If you have any questions about the grounding or electrical instructions, consult a qualified electrician or service person.
- Neither the manufacturer nor the dealer can accept any liability for damage to the oven or personal injury resulting from failure to observe the electrical connection procedures.

The wires in this cable main are colored in accordance with the following code:

Green and Yellow = EARTH

Blue = NEUTRAL

Brown = LIVE

# **MICROWAVE COOKING PRINCIPLES**

- Arrange food carefully. Place thickest areas towards outside of dish.
- Watch cooking time. Cook for the shortest amount of time indicated and add more as needed. Food severely overcooked can smoke or ignite.
- Cover foods while cooking. Covers prevent spattering and help foods to cook evenly.
- Turn foods over once during microwaving to speed cooking of such foods as chicken and hamburgers. Large items like roasts must be turned over at least once.
- Rearrange foods such as meatballs halfway through cooking both from top to bottom and from the center of the dish to the outside.

# **BEFORE YOU CALL FOR SERVICE**

If the oven fails to operate:

- Check to ensure that the oven is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds, and plug it in again securely.
- Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.
- Check to ensure that the control panel is programmed correctly and the timer is set.

 Check to ensure that the door is securely closed engaging the door safety lock system. Otherwise, the microwave energy will not flow into the oven.

IF NONE OF THE ABOVE RECTIFIES THE SITUATION, THEN CONTACT A QUALIFIED TECHNICIAN. DO NOT TRY TO ADJUST OR REPAIR THE OVEN YOURSELF.

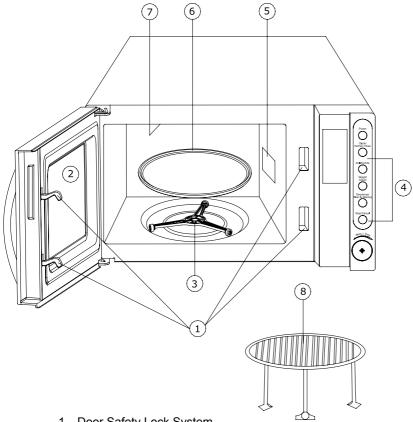
# **UTENSILS GUIDE**

- The ideal material for a microwave utensil is transparent to microwave, it allows energy to pass through the container and heat the food.
- Microwave can not penetrate metal, so metal utensils or dishes with metallic trim should not be used.
- Do not use recycled paper products when microwave cooking, as they may contain small metal fragments which may cause sparks and/or fires.
- 4. Round /oval dishes rather than square/ oblong ones are recommend, as food in corners tends to overcook.
- Narrow strips of aluminum foil may be used to prevent overcooking of exposed areas. But be careful don't use too much and keep a distance of 1 inch (2.54cm) between foil and cavity.

The list below is a general guide to help you select the correct utensils.

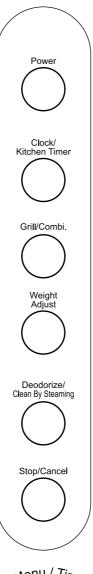
COOKWARE	MICROWAVE	GRILL	COMBINATION
Heat-Resistant Glass	Yes	Yes	Yes
Non Heat–Resistant Glass	No	No	No
Heat-Resistant Ceramics	Yes	Yes	Yes
Microwave–Safe Plastic Dish	Yes	No	No
Kitchen Paper	Yes	No	No
Metal Tray	No	Yes	No
Metal Rack	No	Yes	No
Aluminum Foil & Foil Containers	No	Yes	No

# **PART NAMES**



- 1. Door Safety Lock System
- 2. Oven Window
- 3. Roller Ring
- 4. Control Panel
- 5. Wave Guide (Please do not remove the mica plate covering the wave guide)
- 6. Glass Tray
- 7. Grill Heater
- 8. Metal Rack

# **CONTROL PANEL**





#### MENU ACTION SCREEN

 Cooking time, power, action indicators, and clock time are displayed.

#### **POWER**

 Touch this button a number of times to set microwave cooking power level.

#### **CLOCK/KITCHEN TIMER**

- Use to set clock time or kitchen timer.
- GRILL/COMBI.
- Press to set a grill or combination cooking program.

#### **WEIGHT ADJUST**

Press a number of times to specify weight.

# DEODORIZE/CLEANING BY STEAMING

Press to set deodorize or cleaning by steaming function.

#### STOP/CANCEL

- Press to cancel setting or reset the oven before setting a cooking program.
- Press once to temporarily stop cooking, or twice to cancel cooking altogether.
- · It is also used for setting child lock.

### MENU/TIME (DIAL)

- · Turn the dial to input cooking time.
- Turn the dial to select food code.

#### START/QUICK START

- Touch to start a cooking program.
- Simply touch it a number of times to set cooking time and the oven will cook immediately at full power level.

# **HOW TO SET THE OVEN CONTROLS**

During cooking program, press STOP/CANCEL to pause the program, then press START/QUICK START to resume. Press STOP/CANCEL twice to cancel the program.

End will display with beeps to remind the program is over, and it will sound every two minutes until you press STOP/CANCEL or open the door.

#### SETTING DIGITAL CLOCK

It is a 24-hour cycle clock. For example, suppose you want to set the oven clock time to 8:30.

- 1. In standby mode, press and hold CLOCK/KITCHEN TIMER for 3 seconds.
- 2. Turn MENU/TIME to indicate the hour digit 8.
- 3. Press CLOCK/KITCHEN TIMER button.
- 4. Turn MENU/TIME to indicate the minute digits 30.
- 5. Press CLOCK/KITCHEN TIMER button to confirm.

#### MICROWAVE COOKING

To cook with microwave power alone, press the POWER button a number of times to select a cooking power level, and then use the MENU/TIME dial to set a desired cooking time. The longest cooking time is 95 minutes.

Select power level by pressing the POWER button:

	1	
Press The Button	Display	Cooking Power
Once	P100	100%
Twice	P 90	90%
3 times	P 80	80%
4 times	P 70	70%
5 times	P 60	60%
6 times	P 50	50%
7 times	P 40	40%
8 times	P 30	30%
9 times	P 20	20%
10 times	P 10	10%
11 times	P 00	0%

For example, suppose you want to cook for 1 minute at 60% of microwave power.

- 1. In waiting mode, place food into oven and close it.
- 2. Press POWER button several times to select desired power level.
- 3. Turn MENU /TIME to enter cooking time.
- Press START/QUICK START button.

Note: You can check the power level during cooking by pressing POWER

#### **GRILL COOKING**

The longest cooking time is 95 minutes. The grill cooking is particularly useful for thin slices of meat, steaks, chops, kebabs, sausages of piece of chicken. It is also suitable for hot sandwiches and au gratin dishes.

For example, suppose you want to grill for 12 minutes

- 1. In waiting mode, place food into oven and close it.
- 2. Press GRILL/COMBI. once.
- 3. Turn the MENU /TIME to 12:00.
- 4. Press START/QUICK START button.

#### **COMBINATION 1**

30% time for microwave cooking, 70% for grill cooking. Use for fish or au gratin. The longest cooking time is 95 minutes. During cooking or pause mode, press GRILL/COMBI. to check the power level. Suppose you want to set combination 1 cooking for 25 minutes.

- 1. In waiting mode, place food into oven and close it.
- 2. Press GRILL/COMBI. twice.
- 3. Turn MENU/TIME to 25:00.
- 4. Press START/QUICK START button.

#### **COMBINATION 2**

55% time for microwave cooking, 45% for grill cooking. Use for puddings omelettes, baked potatoes and poultry. The longest cooking time is 95 minutes. During cooking or pause mode, press GRILL/COMBI. to check the power level. Suppose you want to set combination 2 cooking for 12 minutes.

- 1. In waiting mode, place food into oven and close it.
- 2. Press GRILL/COMBI. 3 times.
- Turn MENU/TIME to 12:00.
- 4. Press START/QUICK START button.

#### **WEIGHT & DEFROST**

Use to defrost frozen meat, poultry and seafood by weight. The defrosting time and power level are automatically set once the food category and the weight are programmed.

For example, suppose you want to defrost 600g of meat.

- 1. In waiting mode, place food into oven and close it.
- Press WEIGHT & DEFROST once.
- 3. Press WEIGHT ADJUST to enter food weight 600g (select between 100g~1800g).
- 4. Press START/QUICK START button.

Note: During defrosting program, the system will pause and sound beeps to remind user to turn food over, and then press START/QUICK START to resume the defrosting.

#### KITCHEN TIMER

To use the timer feature, do the following,

- 1. In waiting or cooking mode, press CLOCK/KITCHEN TIMER once to show ":0"
- 2. Turn MENU/TIME to enter the amount of time.
- 3. Press START/QUICK START button.

Note: The maximum time you can enter is 95 minutes. When the countdown ends, the system buzzer will beep.

Time countdown can be seen in the display for 3 seconds before clock or cooking time returns to exhibit, you can check it by pressing CLOCK/KITCHEN TIMER, or cancel it during the 3 seconds by pressing STOP/CANCEL button.

#### **MULTI-STAGE COOKING**

You can set the first stage cooking program, then enter another cooking program. Press START/QUICK START to start the setting. You can set 3 stages at most.

#### Steps:

- 1. In waiting mode, place food into oven and close it.
- 2. Enter the first stage cooking program.
- 3. Enter the second stage cooking program.
- 4. Press START/QUICK START.

Note: Weight defrost, auto menu and quick start cannot be set in this program.

#### **AUTO MENU**

For food or the following cooking mode, it is not necessary to program the duration and the cooking power. It is sufficient to indicate the type of food that you wish to cook as well as the weight of this food. In order to do this, press the AUTO COOK button a number of times to select a category of food/cooking mode. Then turn the WEIGHT/TIME dial to indicate weight of food to be cooked. The oven begins cooking once the START/QUICK START button is engaged.

#### Steps:

- 1. In waiting mode, place food into oven and close it.
- 2. Turn MENU/TIME anti-clockwise to select the food code.
- 3. Press WEIGHT ADJUST to enter food weight or share.
- 4. Press START/QUICK START.

Auto menu

FOOD NAME	AUTO	FOOD CODE	FOOD NAME	AUTO	FOOD CODE
1. SWEETS	S1	Suji Halwa	4. CHILD DISHES	C1	Noodles
	S2	Gajjar Halwa		C2	Macroni
	S3	Coconut Burfi		C3	Fruit / Apple Jam
	S4	Saviya Kheer		C4	Omlette
	S5	Rice Kheer		C5	Pasta
	S6	Besan Ladoo	5. MEAL	L1	Mharastrian Kadhi
	S7	Shahi Tukda		L2	Chicken Masala
	S8	Sweet Rice		L3	Shahi Paneer
2. BEVERAGES	b1	Ready to Eat		L4	Aloo Subzi
		Sweet Corn Soup		L5	VegPulav/Biryani
	b2	Mushroom soup		L6	Mix Veg
	b3	Aam Panna		L7	Muttar Paneer
3. SNACKS	Sn1	Idli		g1	Sandwich
	Sn2	Poha	6. TANDOORI	g2	Paneer Tikka
	Sn3	Upma		g3	Chicken Tikka
	Sn4	Pav Bhajji		g4	Mutton Tikka
	Sn5	Dry Moong Dal		g5	Fish Tikka
	Sn6	Salty Peanuts		g6	Cutlet
			7. REHEAT	rH	

NOTE: During cooking program, the system will pause with beeps to remind to turn food over, then press START/QUICK START to resume the rest program.

#### **QUICK START**

This feature allows you to start the oven quickly.

In standby mode, press the START/QUICK START button a number of times to set the cooking time, the oven starts working at full power level immediately. The longest cooking time is 10 minutes.

#### **DEODORIZER**

In waiting mode, press DEODORIZE/CLEAN BY STEAMING once. "DEO", "5:00" display, then press START/QUICK START to start it.

#### **CLEAN BY STEAMING**

In waiting mode, press DEODORIZE/CLEAN BY STEAMING twice. "clean", "5:00" display, then press START/QUICK START to start it.

#### CHILD LOCK

Use to prevent unsupervised operation of the oven by little children. The child lock indicator will show up on the display, the oven cannot be operated while the CHILD LOCK is set.

To set the CHILD LOCK: in waiting mode, press and hold the STOP/CANCEL button for 3 seconds, a beep sounds and LOCK indicator lights.

To cancel the CHILD LOCK: Press and hold the STOP/CANCEL button for 3 seconds until lock indicator on display goes off.

## **CLEANING AND CARE**

- 1. Turn off the oven and remove the power plug from the wall socket before cleaning.
- Keep the inside of the oven clean. When food splatters or spilled liquids adhere to oven walls, wipe with a damp cloth. Mild detergent may be used if the oven gets very dirty. Avoid the use of spray and other harsh cleaners as they may stain, streak or dull the door surface.
- 3. The outside surfaces should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.
- 4. Wipe the door and window on both sides, the door seals and adjacent parts frequently with a damp cloth to remove any spills or spatters. Do not use abrasive cleaner.
- 5. Do not allow the control panel to become wet. Clean with a soft, damp cloth. When cleaning the control panel, leave oven door open to prevent oven from accidentally turning on.
- 6. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity condition. And it is normal.
- 7. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.
- 8. The roller ring and oven floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent. The roller ring may be washed in mild sudsy water or dishwasher. When removing the roller ring from cavity floor for cleaning, be sure to replace in the proper position.
- Remove odors from your oven by combining a cup of water with the juice and skin of one lemon in a deep microwaveable bowl, microwave for 5 minutes. Wipe thoroughly and dry with a soft cloth.
- When it becomes necessary to replace the oven light, please consult a dealer to have it replaced.
- 11. The oven should be cleaned regularly and any food deposits removed. 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.
- 12. Please do not dispose this appliance into the domestic rubbish bin; it should be disposed to the particular disposal center provided by the municipalities.
- 13. When the microwave ovens have grill function is first used, it may produce slight smoke and smell. This is a normal phenomenon, because the oven is made of a steel plate coated with lubricating oil, and the new oven will produce fumes and odor generated by burning the lubricating oil. This phenomenon will disappear after a period of using.

# E-WASTE DISPOSAL

This symbol on the product or on the container indicates that this product cannot be eliminated with the general waste. The user is responsible for eliminating this kind of waste by throwing them away at a "recycling point" specifically for electrical and electronic waste. Selective collection and electrical equipment recycling contribute to preserve natural resources and warrant waste recycling to protect environment and health. In order to receive further information about electrical and electronic waste collecting and recycling, contact your Local Council, the service of household waste or the establishment where the product was acquired.



# WARRANTY

This product comes with a warranty of 12 months from the date of purchase as specified on the warranty card. This is against all defective material or workmanship. In the event of a defect, Future Retail Limited or Koryo Authorized Service Centre undertakes to repair the set, free of charge, during the warranty period.

In the event of a defect developing in the product, contact KORYO Customer Care or Koryo Authorized Service Centre and provide information about the defect, the model number and serial number of the product.

#### THIS WARRANTY IS VOID IF

- 1. The completely filled warranty card is not presented to the authorised personnel at the time of servicing of the product.
- 2. The product is not operated according to the instructions given in the user manual.
- 3. Defects are caused by improper or reckless use.
- 4. Modifications or alterations have been made to the product or if the product has been tampered with, in any manner whatsoever.
- 5. Repairs to the product are carried out by anyone other than an authorised company representative.
- 6. For defects other than faulty parts or workmanship such as damage due to lightning, abnormal voltage, spillages, dust, accidental damage, etc.
- 7. The serial number is deleted or altered.
- 8. Used for any non-domestic purpose.

#### OTHER TERMS AND CONDITIONS

- 1. Repairs or replacement will be carried out either by a Future Retail Limited authorised customer care centre or by a representative.
- 2. All expenses incurred in collecting the unit(s) or part(s) thereof from the Customer Service Centre, as well as any other expenses and incidentals will be borne by the customer.
- 3. Whilst the company will make every effort to carry out repairs at the earliest, it is made expressly clear that the company is under no obligation to do so in a specified period of time.
- 4. The company or its authorised customer centre reserves the right to retain any part(s) or component(s) replaced at its discretion, in the event of a defect being noticed in the equipment during the warranty

# **WARRANTY CARD**



<sup>\*</sup> For service request kindly contact Customer Care Centre at: 1800-425-7722, 080-26577722

<sup>\*</sup> Please mail in queries to feedback@koryoworld.com



#### Also Available Convection MW Ovens Slow Juicer Split Air Conditioner Grill MW Ovens Juicer Mixer Grinder Window Air Conditioner Oven Toaster Grill Mixer Grinder Storage Water Heater Juice Extractor Instant Water Heater Pop up Toasters Sandwich Maker Food Steamer Immersion Heater Induction cooker Chopper Room Heaters Electric cooker Steam Iron Vaccum Cleaner Electric Kettle Dry Iron Washing Machine Coffee/Tea Makers Ceiling Fans **Emergency Light** Hand Blender Hair Dryer Stabilizer



#### Imported by:

#### **Future Retail Limited**

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