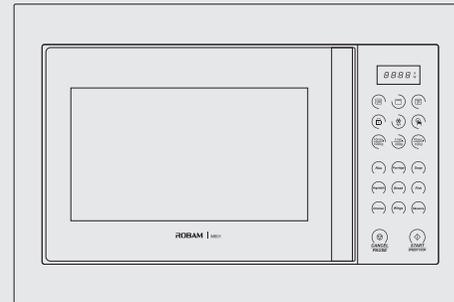


ROBAM



Operation Manual

WK25-M601
WK25-M602
Microwave Oven

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Product Overview

Dear users:

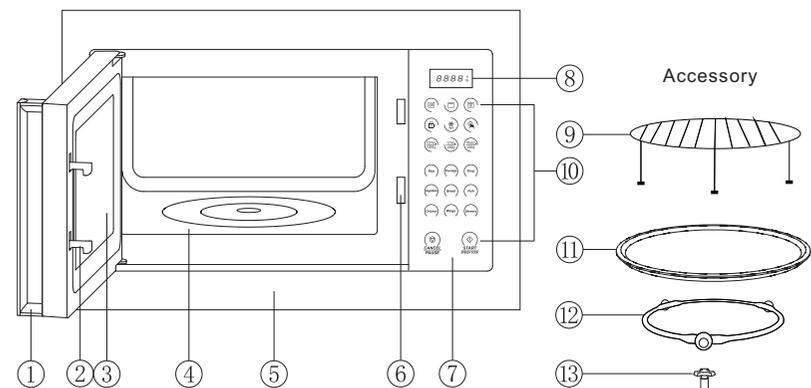
We would like to take this opportunity to give us sincerely wishes for your supports of ROBAM microwave oven. We propose that you should read this operation manual carefully and keep it properly for future reference before installation and operation. ROBAM specializes in home appliances, such as range hood, tableware disinfection, gas hob, and so on. Based on advanced design ideas, integrated design and optimum sculpt, our products have many advantages, for example, health, environmental protection and saving energy.

Product Features

- Stainless steel cavity, anti-fingerprint and durable, easy clean.
- Micro-computer control, procedural function, easy operation.
- Finger-touch button with red indicator, simple control screen.
- Heat food rapidly, keep nutrition.
- Glass turntable, makes food heating equally.
- Bake food by lightwave, make food friability.
- Child lock function, avoid children from accident.

Product Structure

The diagram only for reference.



1. Handle 2. Door Latch 3. Door Screen 4. Cavity 5. Oven Front Plate
 6. Safety Interlock System 7. Control Panel 8. Display Window 9. Grill Rack
 10. Touch Button 11. Glass Turntable 12. Roller Ring 13. Turntable

Product Parameters

Item No.	WK25-M601	WK25-M602
Rated Voltage and Frequency	220-240V~ 50Hz	
Rated Power Input (Microwave)	1300W	
Rated Power Input (Grill)	950W	
Microwave Power Output	800W	
Microwave Frequency	2450MHz	
Capacity	25L	
Net weight	Approx. 18kg	Approx. 19kg
Product Size(mm)	592 (W) x 390 (H) x 400 (D)	595 (W) x 390 (H) x 400 (D)

Note:

1. The data is only for reference. Please check the sticker on the product for specification.
2. ROBAM keeps right to alter design or specification.

Important Safety Notes

To avoid injury or property loss, this instruction records the correct and safe operation method. All the marks, including icons and symbols are to help users to understand it. Before operation, please read relevant identification, and strictly comply with it. Please keep this manual properly for future reference.

IMPORTANT SAFETY INSTRUCTIONS READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

Important safety symbols:



danger

It is extremely possible to cause personal dangers, serious injury or fire.



warning

It is possible to cause personal dangers ,serious injury or fire.



Caution

It is possible to cause personal injury or property loss.



Forbid

This symbol means prohibition, which should be placed near the target



Note

This symbol means compulsory actions.

1. Before installation, please confirm followings:

Make sure all the packing materials are removed from the microwave oven.



Note

If not, it may cause fire and burning.

Large-sized packaging plastic bags are prohibited to be placed within the reach of children.



Note

If put packaging plastic bags on the head, it would result in suffocation.

Keep off flammable and non-heat resisting substances.



Forbid

Keep off from non-heat resisting substances such as curtain and carpet, which would result in deformation when heated.



Warning

The microwave oven is intended to be used in a cabinet only. Do not use the appliance in a cabinet with a door.

Important Safety Notes

2. Before operation, please confirm followings:



Warning

If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

The inner side of the door plate whether bend or not.



Forbid

If there are slightly bent or deformed, please do not use the microwave oven.

Open the door, check the door latch is workable or not.



Forbid

If the door can not be opened, or the latch is damaged, please do not use the microwave oven.

Details for cleaning door seals, cavities and adjacent parts.



Warning

If there are residue or dirt, there will have strike fire phenomenon when the microwave oven heating, it needs regularly clean.



Caution

Before using the microwave oven, please read the instructions carefully, this product is only applicable to this specification.



Caution

The microwave oven must be grounded. In case of leakage, the ground can provide current loop in order to avoid the electric shock. Power plug must be connected to the ground socket.

3. Please pay attention to prevent the following items, otherwise it would cause leakage of microwave, microwave oven damage ,personal injury or other dangerous situations.

A. Forbid Matters



Forbid

Do not damage the door lock which comprises a door hook, door hinge and other safety components.

Don't disassemble, repair or reconstruct the microwave oven.



Forbid disassembly

It needs the competent person to repair, or it will be dangerous.



Forbid

When the microwave oven does not work, please do not continue to use.



Forbid

When the microwave oven cooking, please do not put the metal objects in, including the metal container, the metal ornaments container, knives and forks.

Important Safety Notes

 <p>Socket loose or the power line/ plug is damaged, please do not use.</p> <p>Forbid</p>	 <p>Do not use wet hand to touch or pull the plug, it may cause electric shock.</p> <p>Forbid touch by wet hands</p>
 <p>In order to avoid the breakdown of microwave oven, don't knock the panel, shell, cavity, door and other components.</p> <p>Forbid</p>	 <p>The microwave oven can not be placed in hot and humid place. For example, near the gas hob, current-carrying regions or sink.</p> <p>Forbid</p>
 <p>The microwave oven is only applicable to family cooking, cannot be used for laboratory test or other commercial purposes.</p> <p>Forbid</p>	 <p>Don't remove the wave-guide cover which on the cavity wall side, so as not to cause microwave oven breakdown.</p> <p>Forbid</p>

B. Dangerous Matters

 <p>Don't put the combustibles in or near the microwave oven cavity avoiding from the fire.</p> <p>Be careful of fire</p>	 <p>Do not use paper container, because it's easy to cause sparks and fire.</p> <p>Be careful of fire</p>
 <p>Microwave oven can only be used in cooking food, it can not be used for other purpose, such as drying food, it may cause fire.</p> <p>Be careful of fire</p>	 <p>if smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames;</p> <p>Warning</p>

Important Safety Notes

 <p>Please don't use microwave oven to heat chemical reagents or other non-food products to avoid from microwave leakage.</p> <p>Be careful of microwave</p>	 <p>To avoid the possibility damage to the power line and plug. Maybe it will cause short circuit, fire and other hazards.</p> <p>Be careful of electric shock</p>
---	---

C. Warning Matters

 <p>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;</p> <p>Warning</p>	 <p>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;</p> <p>Warning</p>
 <p>Don't put the metal grill or aluminum foil into the microwave oven cavity when under the operation, in order to avoid the fire which will damage the microwave oven.</p> <p>Warning</p>	 <p>Except of competent person, it's dangerous for other people to repair appliances, including disassembly the energy leakage protective cover or any other operations.</p> <p>Warning</p>

D. Attention Matters

<p>When cooking, please use the appropriate food containers.</p>  <p>Please confirm whether the different material containers can be used in microwave oven.</p> <p>Caution</p>	 <p>Don't directly put the food on the glass turntable, food must be put into the appropriate containers when cooking.</p> <p>Caution</p>
--	--

Important Safety Notes



Caution

Please use specific clip or glove against burns when remove cooked food or mix food during cooking. Because heat will transform from high temperature food to containers or glass plates.



Caution

Once finished cooking, the microwave oven is hot. Please don't clean it directly, please cool it down firstly avoiding from scald.



Caution

Switch off or unplug the appliance before cleaning the microwave oven. Do not use corrosive cleaner. The microwave oven would be damaged or corroded.



Caution

Failure to maintain the oven in a clean condition could lead to deterioration of the surface.

4. Please pay attention to the following matters when use grill function.



Caution

Use microwave function for the first time, white smoke would possibly be observed. This is not a fault because the protecting oil of components would volatilize when heated.



Caution

Do not touch the appliances by hand because it is very hot after roasting cooking or cooking.



Caution

Use special grills when roasting cooking is selected. However, do not use special grills when microwave cooking is selected in case of striking fire.



Caution

Use heat-insulation glove to remove the food and containers after roasting cooking.

Important Safety Notes

5. Pay attention to the following matters when cooking.



Forbid

Liquids and other food must not be heated in sealed containers since they are liable to explode, for example, tin or sealed glass bottle.



Danger

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.



Danger

Do not use the microwave oven to fry food since oil splashing would cause damage to people.



Be careful of fire

When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.



Note

Any food surrounded by a membrane such as potatoes, apple, sausage, chicken wings should be pierced several times with a fork.



Note

Use the special popcorn container when make popcorn. Some food packaged by paper can be heated immediately. Do not leave off when cooking.



Note

Do not overcook food. Rather insufficiently cooking than overcooking.



Note

Shortcut menu provides the approximate cooking time. Increase or reduce the time according to the actual using situation.



Warning

Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.

Important Safety Notes

 **Warning**
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.

 **Warning**
The oven should be cleaned regularly and any food deposits removed.

6. 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.
Children should be supervised to ensure that they do not play with the appliance.

7. Following actions are normal when use microwave oven.

- A. Microwave will disturb TV reception. When use microwave oven, it may effect radio or TV. This kind of interference likes small appliances, for example, mixture, vacuum cleaner, fan, etc. It don't means microwave oven's fault.
- B. The light of microwave oven is weak. If use light firepower instead of high fire of microwave oven, the light will become weak and there is small sounds in oven.
- C. Steam collects in door and hot air exhausts from upper. During cooking, food will cause steam, and most of steam will be exhausted from hole, but it will collect in cool place, for example, door, it's normal action.
- D. When use combination function, microwave oven has sounds. It because that microwave oven change microwave firepower and light wave firepower automatically in order to reach combination functions. It's normal action.
- E. When use combination function or light wave function, there is white smoke or peculiar smell from microwave oven. Microwave oven should be cleaned regularly, especially after combination function or light wave function. Any oil in the top of the cavity or furnace wall may cause white smoke.

Cooking Utensils

Different cooking methods, should select different appropriate cooking utensils , please refer to the following tables.

Container Type	Microwave Function	Grill Function	Combination Function
Heat resistance glass utensils 	avaiable	avaiable	avaiable
Non heat resistance glass utensils 	unavaiable	unavaiable	unavaiable
Heat resistance glass utensils 	avaiable <small>Note: 1. Use utensil with "microwave oven avaiable" marks. 2. Don't use sealed cover.</small>	unavaiable	unavaiable
Non heat resistance plastic utensils 	unavaiable	unavaiable	unavaiable
Ceramic utensils 	avaiable <small>Note: Forbid to use metal accessory.</small>	avaiable	avaiable
Metal utensils 	unavaiable	avaiable	avaiable
Wood, bamboo paper utensils 	unavaiable	unavaiable	unavaiable
Grill rack 	unavaiable	avaiable	unavaiable
Aluminum foil 	unavaiable	avaiable	unavaiable
Food preservation film 	avaiable	unavaiable	unavaiable
<p>Note: Recommendations for using the wide mouth special microwave oven glass or ceramic utensils. Such as: </p> <p>Prohibit the use of necking containers. Such as: </p>			

Function Introduction

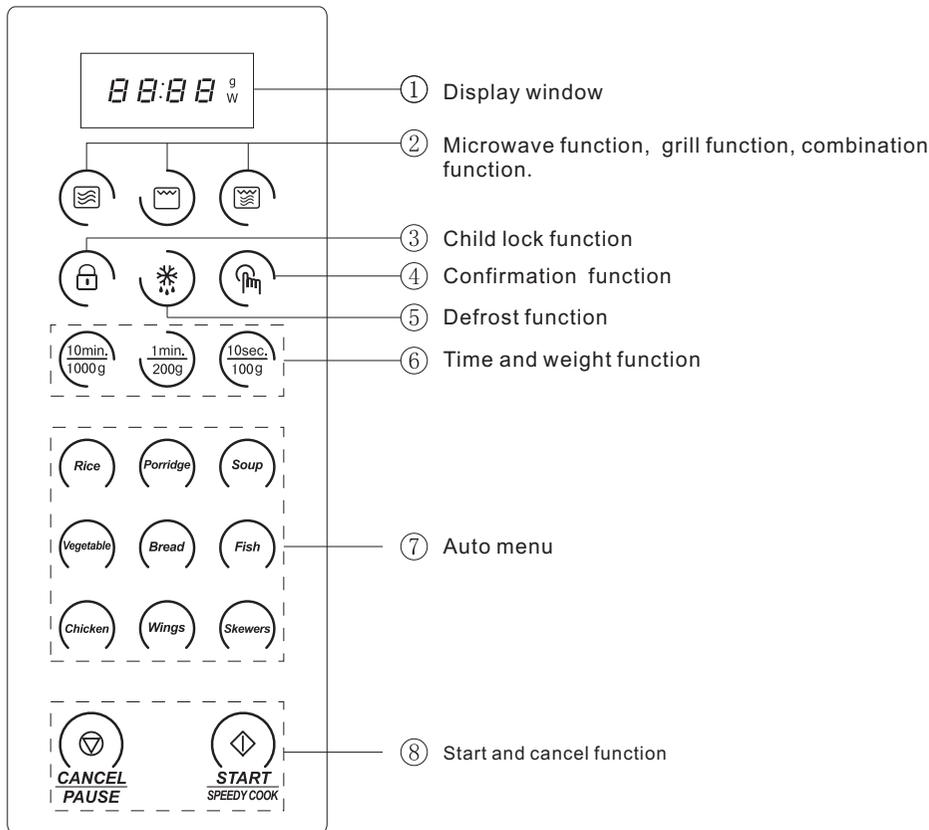
1. Display



- ① Digital shows the time, weight and power
- ② Weight units: g
- ③ Microwave power units: w
- ④ Time display

Note: the color of display screen is always red.

2. The control panel



Note: the buttons on the panel outer ring can emit red light. Each button operation or the function running, the ring will light. The upper picture shows the aura and display all emitting mode.

Function Introduction

3. Function Setting Introduction

3.1 The energized and standby

When the power is switched on, the two points on the center of screen blink, and begin to flash. This mode means standby, all operations should start in this condition. If the microwave oven without operation in more than five minutes, the appliance will automatically change to this mode. As shown in the following illustration.



3.2 Clock function

Microwave oven with clock display function, for 24H system. Using the example of 14:20 to illustrate.

- ① In the standby mode, press confirm button "  " 3 seconds, the screen display " 0:00 " hours position flash.
- ② Press confirm button "  ", regulate the hours to "14", then press the start button "  ", it means the hour position adjustment is completed, the screen shows " 14:00 ", minute position flash.
- ③ Press confirm button "  ", regulate the minutes to "20", then press start button "  ", time setting is finished, the screen display " 14:20 ".

3.3 Child lock function

In order to prevent children operation, the oven has child lock function.

- ① Set Child lock: under the standby state, press the lock button "  " once, the buzzer give a sound, the operation button locks;
- ② Unlock: under the lock state, press the lock button "  " for 3 seconds, the buzzer give a sound, leave the lock function;

3.4 Buzzer warning

During the operation of microwave oven, the appliance will sound with every operation.

- ① Press any button, the buzzer will sound one time;
- ② After timing, the buzzer will sound five times, it means cooking have completed.
- ③ After the end of cooking, if user does not take the food away, the buzzer will sound once in every five minutes.

3.5 Cancel and pause

- ① When the appliance is running, press the cancel button "  " once, appliance temporarily stop running, stop timekeeping. Then press the cancel button "  " once, the appliance stops running, the screen shows the standby state.
- ② When the appliance is running, press the cancel button "  " once, the appliance temporarily stop running, stop timekeeping. Then press the start button "  " once, the appliance will continue according to the original time set.
- ③ If open the door when the appliance is running, the appliance will temporarily stop running, and stop timekeeping. Then close the door, press the start button "  ", the appliance continues to run.

Function Introduction

3.6 Speed cook function

In order to start the microwave fastly, microwave is provided with fast heating function.

- ① In the standby mode, press "  " one time, microwave runs one minute as microwave function.
Press one time more, one minute is added, the maximum time is ten minutes.
- ② In the standby mode, use timing button " $\frac{10min}{1000g}$ $\frac{1min}{200g}$ $\frac{10sec}{100g}$ " to change time.
Press "  " button, microwave run as microwave function as the setting time.

3.7 Microwave cooking

Based on the difference of power, the microwave cooking function is divided into five levels: 800W, 600W, 400W, 200W and 100W.

- ① In the standby mode, press "  " button once, the display screen shown " 800 w " users can press
- ② Press "  " button to set cooking power, the display screen shows " 0:00 "
- ③ Press three time buttons " $\frac{10min}{1000g}$ $\frac{1min}{200g}$ $\frac{10sec}{100g}$ " to preset time.
- ④ Press "  " button to start it.

Note: There is " delay " function for microwave cooking. Once finish preset, microwave oven will start after 3 seconds.

3.8 Grill

Based on the cooking temperature, light wave grill is divided into two level of " G-1 " and " G-2 " .

- ① In the standby mode, press grill button "  " one time, display shows " G - 1 " users can press more times in order to choose the right grill level;
- ② Press "  " button to confirm level, the display screen shows " 0:00 " .
- ③ Press three time button " $\frac{10min}{1000g}$ $\frac{1min}{200g}$ $\frac{10sec}{100g}$ " to set time.
- ④ Press "  " button to start microwave oven.

3.9 Microwave grill combination

Based on the microwave and grill cooking time, the microwave oven's microwave unitized cooking function is divided into two level of " C-1 " and " C-2 " .

- ① In standby mode, press "  " button once, the display screen shows " C - 1 " .Users can press unitized function several times to select corresponding level.
- ② Press "  " button to confirm level, display screen shows " 0:00 " .
- ③ Press three "time" buttons " $\frac{10min}{1000g}$ $\frac{1min}{200g}$ $\frac{10sec}{100g}$ " to set time.
- ④ Press "  " button to start microwave oven.

3.10 Menu cooking

For the convenience of user for cooking, the microwave has 9 shortcut menus buttons;

Function Introduction

Menus: rice, porridge, soup, vegetable, bread, fish , chicken, wing and skewers.

Take example for fish.

- ① In the standby mode, press button of " Fish " one time, screen shows " 300 " degree, user can press more times to choose cooking material weight, with option of 300g, 500g, 1000g.
- ② Press "  " button to start microwave oven.

Menu	Weight	Function
Rice	100g	Microwave
	200g	Microwave
	300g	Microwave
Porridge	50g	Microwave
	100g	Microwave
Soup	500g	Microwave
	800g	Microwave
Vegetable	300g	Microwave
	500g	Microwave
	800g	Microwave
Bread	100g	Microwave
	200g	Microwave
	300g	Microwave
Fish	300g	Microwave
	500g	Microwave
	1000g	Microwave
Chicken	400g	Microwave 、 Grill
	800g	Microwave 、 Grill
	1200g	Microwave 、 Grill
Wing	400g	Microwave 、 Grill
	800g	Microwave 、 Grill
	1200g	Microwave 、 Grill
Skewers	400g	Microwave 、 Grill
	800g	Microwave 、 Grill
	1200g	Microwave 、 Grill

- Note: 1. On menu, soup weight means the total weight of soup, but other weight on menu means food weight;
 2. On menu, if there is grill function, it's better taste to revolve food during cooking.
 3. The cooking will be effected by utensils, food weight, or other factors. If food don't maturing or too maturing, please adjust cooking time.

Function Introduction

3.11 Defrost function

For the chilled foods, the microwave has fast defrost function.

- ① In the standby mode, press button " * " once, " 100 g " shown on the display screen.
- ② To press three times button " $\frac{10\text{min}}{1000\text{g}}$ $\frac{1\text{min}}{200\text{g}}$ $\frac{10\text{sec}}{100\text{g}}$ " to set weight.
- ③ Press " ◀ " button to start microwave oven.

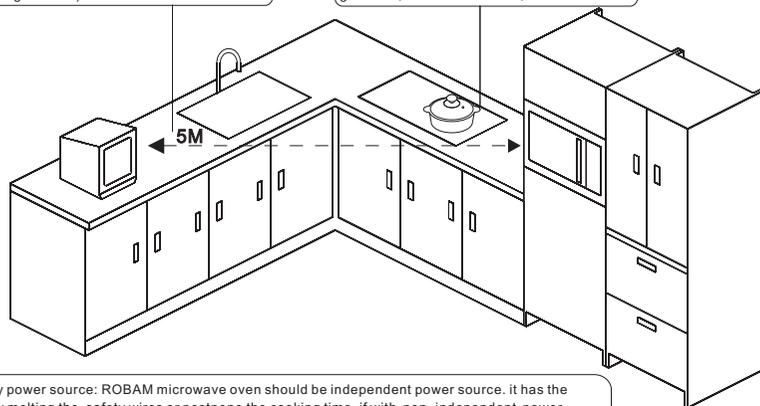
Defrost Weight	Defrost Time	Defrost Weight	Defrost Time
100g	2 minutes 30 seconds	1100g	21 minutes 30 seconds
200g	4 minutes	1200g	24 minutes
300g	5 minutes 30 seconds	1300g	26 minutes
400g	7 minutes 30 seconds	1400g	28 minutes
500g	9 minutes 30 seconds	1500g	30 minutes
600g	11 minutes 30 seconds	1600g	32 minutes
700g	13 minutes 30 seconds	1700g	34 minutes
800g	15 minutes 30 seconds	1800g	36 minutes 30 seconds
900g	18 minutes	1900g	37 minutes 30 seconds
1000g	20 minutes	2000g	39 minutes 30 seconds

In order to defrost uniformly, during defrosting, user needs to turn the foods into the other side, it will be better taste.

Installation Environment

Don't close to television, radio and antenna etc. (microwave will interference signal and emerge noises)

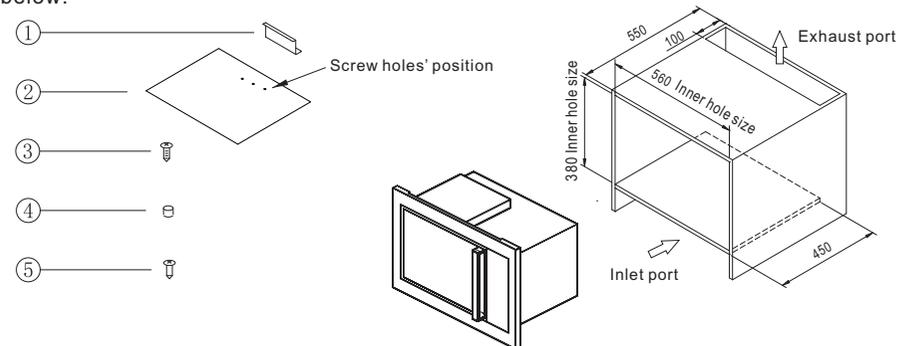
Don't put microwave oven into high temperature or moist places. Like beside the gas hobs, electriferous area, sink.



Electricity power source: ROBAM microwave oven should be independent power source, it has the possibility melting the safety wires or postpone the cooking time, if with non-independent power system. Don't use high power capacity safety wire.
Ground connection introduction: This product should have ground connection system. Plug must insert into the socket with ground connection.

Installation Methods

Please install the microwave oven correctly refer to the drawing and installation method below:



1. Positioning plate 2. Install paper 3. Screws 4x10(3pcs) 4. Screw cap 5. Screws 4x35(1pcs)
- Ps: The figure dimensions are in mm. Desirability of cabinet timber thickness is 15-20mm. The latter half embedded installation hole size (W x H x D). 560x380x550mm.

Installation methods:

A. Place the install paper at the bottom of the cabinet, align the center line and the cabinet center. One side of installation paper which have no screw holes' position aligned with the cabinet outside edge. Mark on the cabinet in accordance to the location of screws holes' position on the installation paper. Place the positioning plate in the right direction to the mark with three screws (4x10) fixed in the cabinet.

As in Figure 1. (The protruding edge of positioning plate toward the front of the cabinet)
B. Put the machine into the cabinet, make the right and left distances between frame and cabinet are equal. Positioning board positioned in the product positioning groove. Open the door, before the liner screw position using screws (4x35) lock will be fixed in the cabinet. And then install the screw cap as in Figure 2.

C. The socket location should be convenient to plug, and grounding reliable.

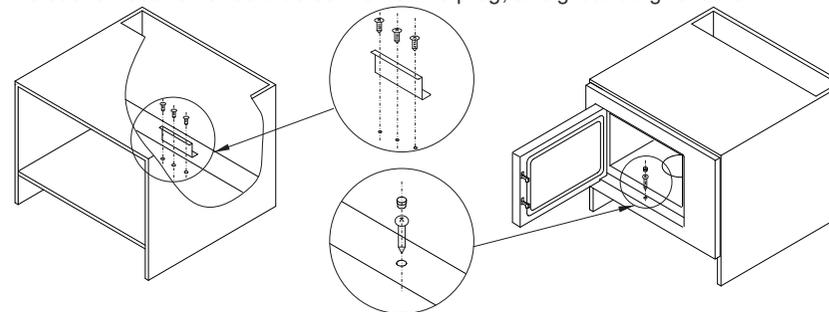
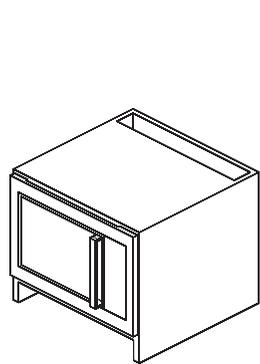


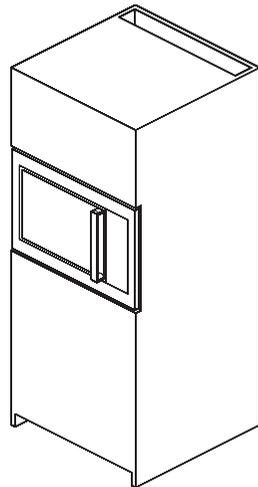
Figure 1

Figure 2

Installation Methods



Rendering of low cabinet



Rendering of high cabinet

Clean and Maintenance

Cleaning and maintenance of microwave oven:

1. You have to pull the plug out of the socket before cleaning the microwave oven. Do not use a steam cleaner to scrub the microwave oven.
2. Keep the internal cleaning of the furnace. IF the spilled food or spilled liquid stained with the furnace wall, wipe with a damp cloth. If the furnace is quite dirty, clean it with soft lotion. Do not use abrasive or corrosive lotion.
3. In the case of microwave oven operating normally or high humidity, the door around or furnace inner may generate steam, wipe with a soft cloth.
4. If the control panel getting wet, wipe with a soft dry cloth, do not rough abrasive items wipe the control panel.
5. You must clean the glass plate frequently, you can use warm soapy water to wash it, then wash with clean water and wipe to dry.
6. You must scrub the turntable bracket and the furnace wall frequently in order to avoid noise.
7. Please clean the microwave surface with soft damp cloth, for preventing damage to the furnace parts, do not let water penetrate the vents.
8. When using thin block barbecue, light waves barbecue or combined barbecue function, some food grease may remain in the furnace wall. These stains must be promptly cleaned or it may smoke in working.

General Trouble-shooting

Problem	Reason	Solutions
Microwave oven can't start	Plug is loose.	Pull out of the plug, then connect it after 10 seconds.
	The safety wire in the room is broken.	Replace a new safety wire above 10A.
	Socket problem	Use other appliances to test whether it's the problem of socket.
Microwave can't heat food	The door was not close properly.	Close the door carefully.
	Have not press the start button.	Press the start button.
	Pressed the stop button accidentally.	Enter the cooking process again.
The turntable make noise after start.	Food deposits or foreign matter on the turntable shelf or the bottom of furnace.	Clean microwave oven and food deposits.

Circuit Diagram

