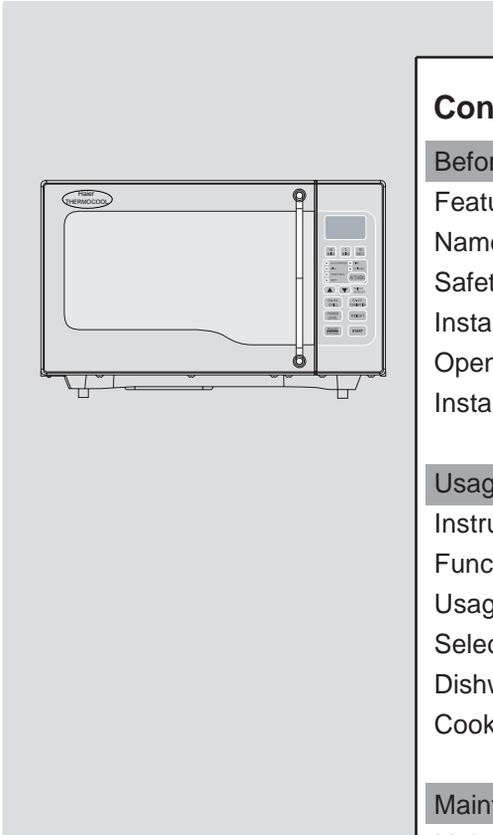


MS-2480EG(SS)
Household Microwave Oven



Contents

Before Use

Features of the Product.....1

Names of the Parts.....2

Safety Precautions.....3

Installation Environment.....5

Open the Package Carton *

Installation.....5

Usage

Instructions of the Control Panel
Functions.....6

Usage.....7

Selection of the Cooking
Dishware.....12

Cooking Tips.....13

Maintenance * Repair

Maintenance * Repair.....14

Answers to Questions.....15

After-sales Service.....16

* Please read this manual carefully before use

* Please retain it for future use

* See to the physical sample for the appearance, colour pattern.

Features of the Product

★ Safe to use

- The door adopts unique anti-choke structure and integrated punch forming, and thus effectively prevents the microwave from leaking.
- It is controlled by two-step interlock switch. The power will be switched off automatically when the door is open, therefore it is much safer to use.

★ Shining appearance

- The door shell and operation panel frame shell adopt imported high-quality stainless steel materials, and will never get rust and change color. It has modern appearance and superior quality, and thus becomes the best choice for the household microwave oven.

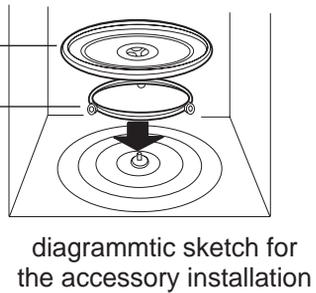
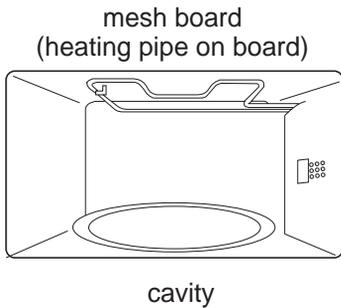
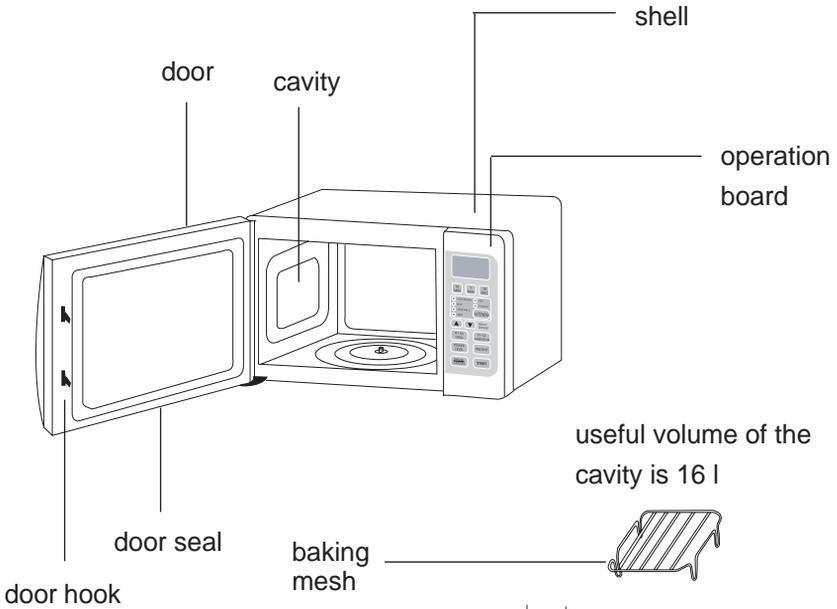
★ Healthy and germicidal

- It is produced with antiseptic materials, and can suppress the reproduction of the bacteria effectively.
- The special function of the microwave oven can eliminate the germ in the food quickly and completely.

★ High-temperature roast

- It has two-step roast function, and can roast food quickly and high-efficiently.
- It has two-step “microwave + roast” combined roast function, and can produce perfect roast food.

Names of the Parts



Safety Precautions

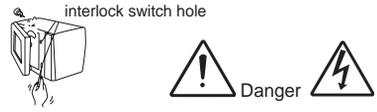
- Please read the safety precautions carefully to guarantee safe and convenient use of the microwave oven.



No one except the professional technicians are permitted to disassemble the microwave oven, or it may result in electric shock.



Do not use metal rod to enter the interlock switch hole on the front side of the cavity. It may cause hazard.



Do not apply excess force to the door. It may cause distortion of the door and result in microwave leakage.



Do not use sealed containers. For those foods with skin, please prick holes on the skin.



Do not cook eggs in their shells to avoid bursting



Remember to clear away excess grease from the inside the cavity. Otherwise it may cause smoke or fire during heating.



Do not use the microwave oven for purposes other than for cooking food



This appliance must be earthed



Safety Precautions

When roasting, the face of the door and the top of the cabinet may become hot to touch.



Do not use it with the cavity empty. It will damage the microwave oven.



Do not use metallic dishware to cook with microwave as it will cause internal arcing.



Allow the cavity to cool after long cooking processes (i.e. Roasting etc) before starting another cook cycle.



Warning

1. If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person;
2. 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.
3. Liquids and other foods must be heated in sealed containers since they are liable to explode.
4. 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;
5. Only use utensils that are suitable for use in microwave ovens;
6. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition;
7. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames;
8. Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container;
9. 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;
10. 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.

Do not use the product for any industrial and commercial purpose.

Installation Environment

Ventilation space is required in installation of the microwave oven.

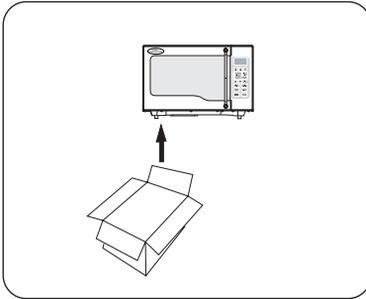


Do not install the microwave oven in environment that is humid or with high temperature.



Open the Package Carton Installation

Open the carton



user's manual



baking mesh



glass rotary tray

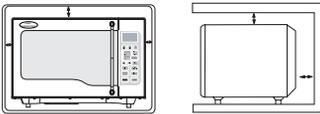


rotary tray support

Install



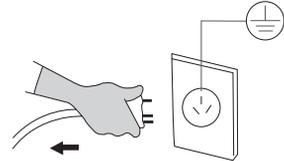
Put the microwave oven levelly at the position you choose. Keep good ventilation.



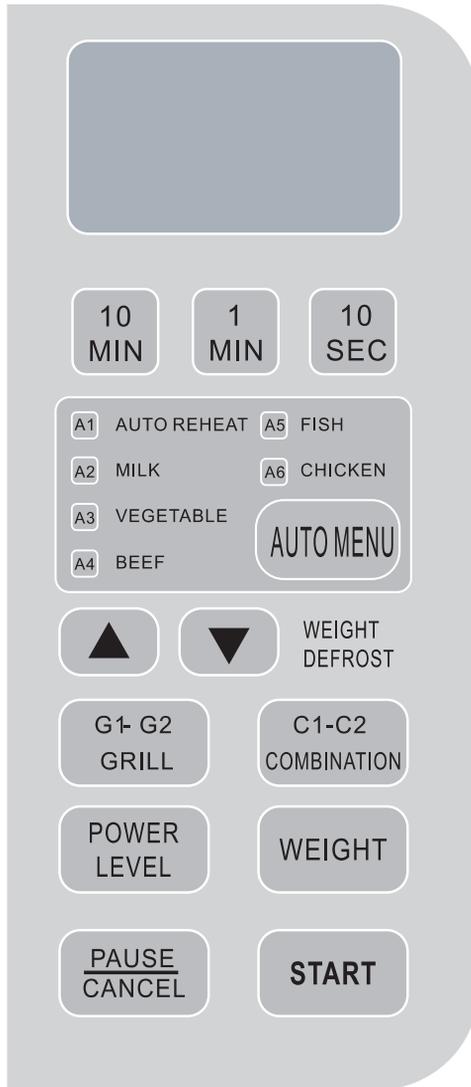
L>15cm



Select independent special socket, with current at least 10A. Be sure to ground it reliable.



Functions



Usage

1. Cooking function

The microwave oven has five power levels, which are able to meet your requirements for different cooking functions.

P100	P70	P50	P30	P10
High	Medium-high	Medium	Medium-low	Low

For instance To cook for 12 minutes and 30 seconds with medium power level.

1. Push the "POWER LEVEL" button three times.



LED display



2. Push the "10MIN" button once.



LED display



3. Push the "1MIN" button twice.



LED display



4. Push the "10SEC" button three times.



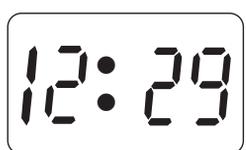
LED display



5. Push the "START" button.



LED display



Remarks:

1. This model uses a circulating display for power level selection i.e with each push, the power level changes in following manner: P100-P70-P50-P30-P10, then P10-P100.
2. When the cooking time expires (the counting down time is 0:00), the buzzer will sound four times to indicate that the cooking is finished.
3. The largest cooking time of this model is 99 minutes and 50 seconds.

Usage

AUTO MENU cooking

With the AUTO MENU cooking function, you only need set the type and weight of the food then start the oven to do cooking, without setting the cooking time.

For instance

Menu types:

To cook 200g mutton with AUTO MENU function.

A1	A2	A3	A4	A5	A6
Auto reheat	Heat milk	Cook vegetable	Cook meat	Cook fish	Cook chicken

1. Push the "AUTO MENU" button four times.



LED display



2. Push the "WEIGHT" button twice.



LED display



3. Push the "START" button.



LED display



Remarks:

- The AUTO MENU uses a circulating display, i.e. with each push, it will change in following manner: A1-A2-A3-A4-A5-A6, then A6-A1.
- The weight grade for one certain menu, the display is also circulating.
- The weight grade offered by the AUTO MENU is only for reference.
- Reference for the food with AUTO MENU cooking.

Recipe	Type	Weight(g) reference	Recipe	Type	Weight(g) reference
A1	Auto turnover	140	A4	Cook meat	100
		210			200
		280			300
		350			350
		420			400
		500			450
A2	Heat milk	50	A5	Cook fish	100
		100			200
		200			300
		300			350
		100			400
		200			450
A3	Cook vegetable	300	A6	Cook chicken	100
		400			200
		500			400
		600			500
					600
					800

Usage

Two-step roast

This model of microwave oven has the two-step roast function. High and Low. Select suitable power level according to different food to make best effect.

For instance

Power level of two-step roast

G1	G2
High	Low

For instance to roast with the HIGH power level for 5 minutes and 10 seconds.

1. Push the "GRILL" button once.



LED display



2. Push the "1MIN" button five times.



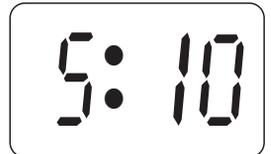
LED display



3. Push the "10SEC" button once.



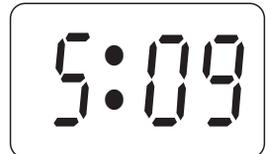
LED display



4. Push the "START" button once.



LED display



Remarks:

1. The roast power level G1 and G2 will display in circulation when the button is pushed.
2. When the cooking process reaches halfway through the cook period the buzzer will sound twice and stop working, this is to remind you to open the door and turn the food to cook the other side. Therefore the food can be roasted evenly.
3. The thin joint roast only applies for thin food. It is suggested to use combined roast for those with large volume and thickness.

Usage

Combined roast

It is suggested to use Combined Roast to cook food with large volume and thickness. That is to say, use “Microwave + Roast” during cooking.

Power level of the combined roast

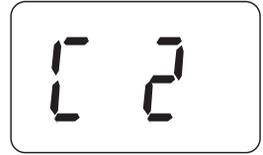
For instance to do a combined roast with low power consumption for 2 minutes and 20 seconds.

C1	C2
High	Low

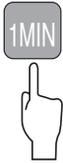
1. Push the “COMBINATION” button twice.



LED display



2. Push the “1MIN” button two times.



LED display



3. Push the “10SEC” button two times.



4. Push the “START” button.



(The oven starts counting down)

Child-lock function

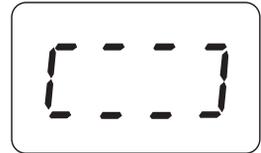
To avoid children from playing or tampering with the microwave oven and sustaining possible injury, the microwave oven has a special Child Lock function

1. Set the "CHILD-LOCK".

When the oven is not in the use and the door is close, push the "10MIN" button and the "10SEC" buttons simultaneously.

The microwave oven will give a long buzz, indicating that the CHILD-LOCK is engaged. In the locked mode, no operation can be executed.

LED display



2. Cancel the "CHILD-LOCK".

In locked mode, push the "10MIN" button and "10SEC" button simultaneously. When a long buzz is heard, it indicates that the CHILD-LOCK is cancelled.

LED display



Weight defrost function

You can perform quick defrosting by the automatic defrost function. The microwave oven will set the defrosting time automatically according to the quantity you offered. Two weight-setting methods are available for this model:

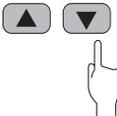
1. Push the "WEIGHT DEFROST ▲" button, the LED will display in turn: 0.2-0.4-0.6...1.8-2.0.

2. Push the "WEIGHT DEFROST ▼" button, the LED will display in turn: 2.0-1.8-1.6...0.4-0.2.

For instance To defrost 1.6kg food.

LED display

1. Push the "WEIGHT DEFROST ▼" button three times



2. Push the "START" button



LED display



Selection of the Cooking Dishware

Selection of the microwave cooking dishware

Please select suitable cooking dishware for the microwave oven.

Microwave characters



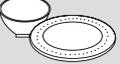
absorbed by the food



penetrate the glass



reflected by the metal

Cooking dishware	Microwave cooking	Roast-cooking	Combined cooking
Heatproof glass container 	Yes	Yes	Yes
Non heatproof glass container 	No	No	No
Heatproof plastic container 	Yes ● Please use containers labelled with "apply for microwave oven" mark	No	No
Non heatproof plastic container 	No ● Materials deteriorated by microwave can not be used. ● The foam tray can be used in single defrosting the fresh food.	No	No
Ceramic container 	Yes ● Containers with color pattern or golden/silver decoration can not be used.	Yes ● Containers with color pattern at inner side may cause color drops. Please avoid using such containers.	Yes
Lacquer container 	No ● It may cause paint drops, breaking etc.	No	No
Metal containers such as aluminum 	No ● The metal screen may also cause arc, and thus can not be used. ● The coloring plate special for microwave oven (metal product) can not be used either	No ● If the container has resin handle, do not use it.	No
Wooden, bamboo, paper container 	No ● It may cause combustion	No ● Those paper container treated with heatproof processing can be used.	No
Film 	Yes ● Do not use it in cooking with much oil because it will produce high temperature	No ● It will melt under high temperature	No
Aluminum foil 	No ● It can be used for suitable extent in defrosting food	Yes ● Wrap the food with aluminum foil to do roasting	No

Cooking Tips

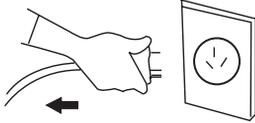
Cooking tips for microwave oven

Food temperature	Lower temperature requires longer cooking time. Frozen food needs longer heating time than common food.
Food moisture	As the microwave cavity is smaller it will retain a higher level of humidity, larger humidity levels result in shorter cooking time.
Food shape	As the microwave can only penetrate 2-4cm into the food, the thickness of the food will influence the cooking time.
Food density	Heating times are different between dense food (meats) and loose(peas) food. The former requires longer time.
Food quantity	The selected power level of the microwave is a certain value, and will not change along with the quantity of the food. Therefore larger quantity of food requires longer cooking time.
Bone and fat	Bones have quicker heat transmission, and fats absorb more energy. Therefore please pay attention to the overheat possibility in cooking the meat with bones and fats.
Add cover	The production of heat and vapour can be reduced by placing the food into a container with a cover, this will shorten the cooking time.
Settle	Please form the food in circular shape during cooking, and avoid piling up as far as possible. It can improve the evenness.
Stir	When cooking liquid food like the soup, juice or beverage etc., stir it slightly before and during cooking.
Seal	Seal the food with freshness-preserve film to avoid splashing and contaminating the cavity. It can also preserve the moisture and nutrition.
Lay aside	When the food is removed from the microwave oven, the inside of the food is still heating. Place it aside for some time. Take the factor of duration into consideration.

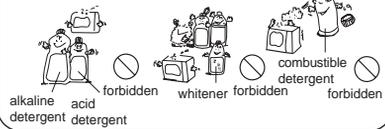
Maintenance * Repair

Maintenance: Frequently cleaning and maintenance can guarantee normal performance of the microwave oven.

Be sure to switch off the power before cleaning.



Do not use detergent and materials containing metal to clean the cavity and door.



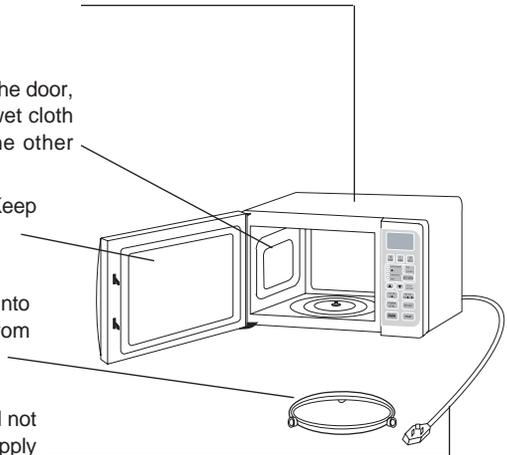
Use soapy water to clean the shell, and wipe it with soft cloth.

Use wet cloth to clean food scraps on the door, door seal and inside the cavity. Use wet cloth soaked with soapy water to clean the other deposits

Keep the inner side of the door clean. Keep it free from food scraps.

Take it out at least once per week, put into water to clean, to prevent deposits from corroding the rotary wheel.

Note that the power supply cable shall not be damaged or broken. If the power supply cable is damaged, be sure to replace it with special cable.



Remarks: If the microwave oven is to be idle for a long time, please clean thoroughly each part of the oven to avoid rusting.



Warning

If the microwave oven appears abnormal or is damaged, do not use it any more before it is repaired by professional technicians.

Answers to Questions

Answers to questions

Why is the lamp not on?

1. The lamp has failed.
2. The timer is not set.

Why is the vapor emitted from the air discharge outlet?
Why is there water overflowing below the door?

It is normal that the vapor may emit during cooking. Sometimes the vapor will be condensed into water and flow out. It is a normal phenomenon.

Can the microwave leak from the view window of the door?

No. The metal shelter can reflect the energy back into the oven. The view window only allows harmless light to pass through. The microwave energy cannot pass through.

If I start the microwave oven without load of food, will it damage the oven?

Yes. NEVER do that.

Why does the food need to be laid aside after cooking?

It is important to lay the food aside for several minutes. Cooking by microwave oven makes the food retain heat inside. After you take out the food from the oven, the inside of the food will continue heating for 2-3 minutes. It can assist the cooking of the joint of the food, vegetables or cookies completely outside the oven by laying aside.

Why is it not so quick as stated in the manual to cook with my microwave oven?

Check the user's manual. Confirm that you follow the instruction completely. Find out the reason for setting different times. The setting of cooking time is only for reference. To avoid excess cooking, you shall learn the technology of cooking with microwave. The volume, weight and shape of the food can all influence the cooking. Take the instruction as reference, and learn it independently.

Why is there sparking or cracking sound during cooking sometimes?

- It may be owing to the following:
1. Dishware with metal part is used (including gold and silver);
 2. Fork or other metal dishware are left in the oven;
 3. Too much metallic foil are used;
 4. Metallic thread is used to bind the food.

In maintenance, the technicians shall pay attention that:

Components that are easy to dismantled and likely to touch voltage above 240V:

1. Magnetron
 2. High-voltage transformer
 3. High-voltage capacitor
 4. High-voltage diode
 5. AK rectifier
- Components that may

cause excess microwave leakage:

1. Improper installation of the magnetron on the wave guide
 2. Improper adjusting of the door hook, door body and up/down hinges
 3. Door body and shell are damaged
- The above problems can cause excess microwave leakage

Microwave radiation

Do not expose yourself to the radiation of the microwave generator or other components that transfer the microwave energy.

After-sales Service

After-sales service

1. Please glue the invoice on the invoice column in the warranty certificate and keep it with care.
2. This product has one year's warranty (subject to the purchase date on invoice) with maintenance free of charge. Please contact the special shop for maintenance by the warranty certificate and invoice if maintenance is needed.
3. The following cases will not enjoy the maintenance free of charge. We will offer maintenance with relative charges for them:
 - (1) Those damaged owing to misoperation of the user;
 - (2) Those damaged owing to decomposing by the user;
 - (3) Those without invoice and warranty certificate;
 - (4) Those with altered invoice or warranty certificate;
 - (5) Those exceeding the warranty period;

Specific No. 0050502425