



MICROWAVE OVEN

User Manual
HIL20V1MOPD

- Please read this manual carefully before using Microwave Oven.
- Retain it for future reference.

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

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.

WARNING: Liquids or other food must not be heated in sealed containers since they are liable to explode.

01. Only use utensils that are suitable for use in microwave ovens.
02. Metallic containers for food and beverages are not allowed during microwave cooking.
03. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
04. The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp cloth and similar may lead to risk of injury, ignition or fire.
05. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames microwave heating of beverages can result in delayed eruptive boiling, therefore care has to be taken when handling the container.
06. The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.
07. Eggs in their shell and whole hard boiled eggs shall not be heated in microwave ovens since they may explode, even after microwave heating has ended.
08. 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.
09. The appliance must not be placed in a cabinet.
10. Care should be taken not to displace the turntable when removing containers from the appliance.
11. The appliance shall not be cleaned with a steam cleaner.

Warning: When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.

**CAUTION: HOT SURFACE**

12. 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.
 13. 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.
 14. Children shall not play with the appliance.
 15. Cleaning and user maintenance shall not be made by children without supervision.
 16. Do not directly put cold water into the glass plate after use. It needs to place the glass plate for at least 20 minutes, and then put it into the water to avoid cracking.
 17. Group 2 Class B appliance
Group 2 ISM equipment: group 2 contains all ISM equipment in which radio-frequency energy is intentionally generated and/or used in the form of electromagnetic radiation for the treatment of material, and EDM and arc welding equipment.
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 purposes.
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01. Take out all the packing. If there is a safe film over the oven, tear it off before Use. Check carefully for damage. If any, immediately notify dealer or send to the manufacturer's service center.
 02. Microwave ovens must be placed under dry and non-corrosiveness environments, kept away from heat and humidity, such as gas burner or water tank.
 03. To ensure sufficient ventilation, the distance of the back of microwave to the wall should be at least 20 cm, the side to the wall should be at least 5 cm, the free distance above the top surface at least 20 cm. The distance of the microwave oven to the ground should be at least 85cm.
 04. The position of the oven shall be such that it is far from the TV, Radio or antenna as picture disturbance, or noise may occur. The distance should be more than 5m.
 05. The appliance must be positioned so that the plug is accessible, and must ensure a good grounding in case leakage, ground loop can be formed to avoid electric shock.
 06. The microwave oven must be operated with the door closed.
 07. The microwave oven shall not be placed in a cabinet. The microwave oven is intended to be used freestanding.
 08. As there is manufacturing residue or oil remained on the oven cavity or heat element, it usually would smell the odor, even a slight smoke, It is normal case and would not occur after several times use, keep the door or window open to ensure good ventilation. So it is strongly recommended to place a cup of water in the turntable, setting at high power and operate for several times.
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MICROWAVE OVEN CARE**⚠ CAUTION**

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

⚠ WARNING

- a. Remove the power cord from the wall outlet before cleaning. After cooling products. Don't immerse the appliance in water or other fluids when cleaning.
- b. 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.
- c. Never use hard detergent, gasoline, abrasive powder or metal brush to clean any part of the appliance.
- d. Do not remove the waveguide cover.
- e. When the microwave oven has been used for a long time, there may be some strange odors exist in oven, following 3 methods can get rid of them:
 - 1) Place several lemon slices in a cup, then heat with high micro power for 2-3 min.
 - 2) Place a cup of red tea in oven, then heat with high micro power.
 - 3) Put some orange peel into oven, and then heat them with high micro power for 1 minute.
- f. When the product is not used, it should be placed in dry and ventilated areas as well as possible.

⚠ WARNING

Details how to clean surfaces in contact with food:

After use wipe the waveguide cover with a damp cloth, followed by dry cloth to remove any food splashes and grease. Built -up grease may overheat and begin to cause smoke or catch fire.

TIPS FOR CLEANING

Details for cleaning door seals, cavity and adjacent parts:

Exterior:

Wipe the enclosure with a dampened soft cloth

Door:

Using a dampened soft cloth, wipe clean the door and window

Wipe the door seals and adjacent parts to remove any spill or spatter

Wipe the control panel with a slightly dampened soft cloth

Interior walls:

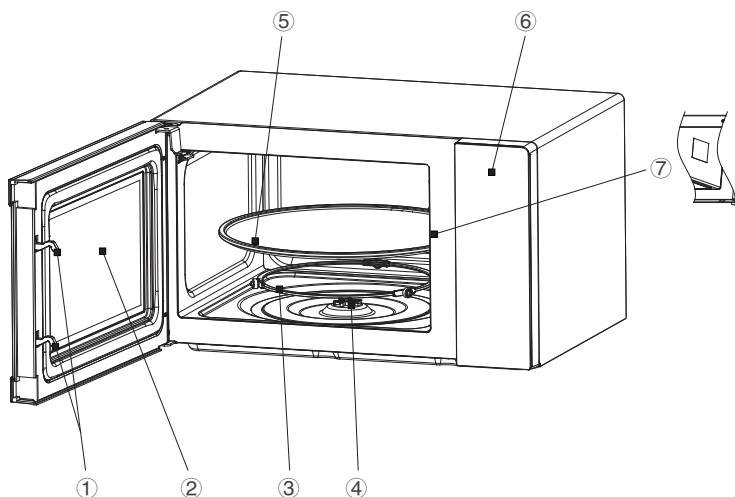
Wipe clean the interior surfaces with a dampened soft cloth

Wipe clean the waveguide cover to remove any food splashed

Turntable / Rotation ring / Rotation axis:

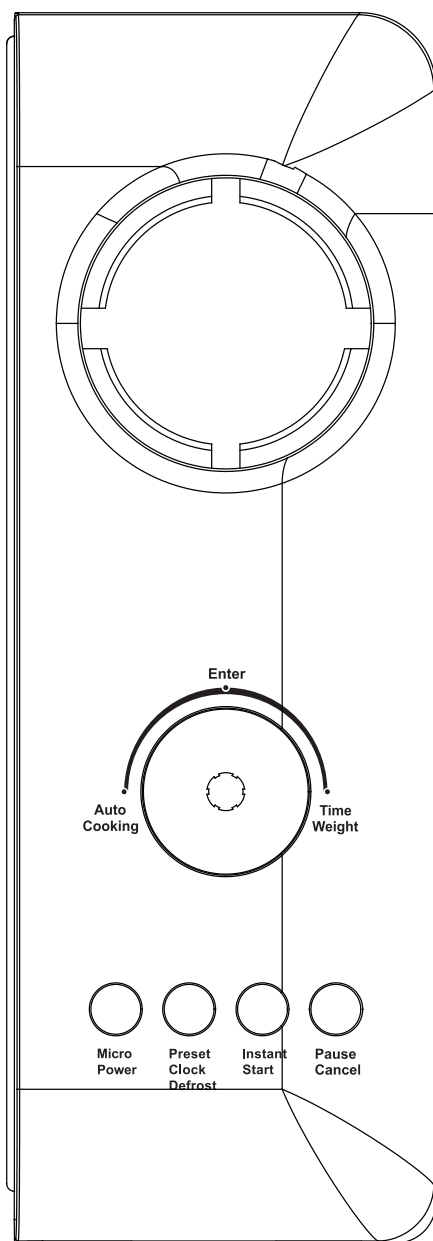
Wash with mild soap water

Rinse with clean water and allow drying thoroughly



Please refer to the actual product for its appearance

Serial Number	Component Name	Component Functions
①	Door lock	Microwave oven door must be properly closed in order for it to operate
②	Viewing window	Allow user to see the cooking status
③	Rotating ring	The glass turntable sits on its wheels; it supports the turntable and helps it to balance when rotating
④	Rotating axis	The glass turntable sits on the axis; the motor underneath it drives the turntable to rotate
⑤	Turntable	The food sits on the turntable, its rotation during operation helps to cook food evenly ⚠ CAUTION - Place the rotating ring first - Fit the turntable onto the rotating axis and make sure that it is geared in properly
⑥	Control panel	See below in details (the control panel is subject to change without prior notice)
⑦	Waveguide cover	It is inside the microwave oven, next to the wall of control panel. ⚠ WARNING - Never remove the waveguide cover



1. BEFORE COOKING

The LED flashes 3 times when plugged in power supply. Then it flashes “:”, prompting you to input the cooking menu and time.

2. AUTO COOKING/TIME.WEIGHT KNOB

You can increase or decrease cooking time, weight or choose the auto cooking menu during operation by turning **Auto cooking/Time.Weight** knob.

3. PAUSE/CANCEL

At the initial or input stage: press once to cancel input programs and resume initial stage.

During cooking: press once to stop oven operation, press twice to cancel cooking programs.

4. AUTO REMINDER

When your preset cooking procedure have finished, the LED Display will show **End** and three beeps sound will be heard to prompt you to take out food. If you do not press **Pause/Cancel** button once or open the door, the beep will be sounded at an interval of 3 minutes.

5. CLOCK SETTING

Preset/Clock/Defrost button make it available for you to input current or preset time when “:” flashes onto LED display after plugged in, or try to skip it over to continue if unnecessary.

Example: to set 12:30

	Steps	Display
1	After power-up, the colon flashes	:
2	Hold Preset/Clock/Defrost button three seconds	0:00
3	Turn Auto Cooking/Time. Weight knob to set exact hours.	12:00
4	Press Preset/Clock/Defrost button once again.	12:00
5	Turn Auto Cooking/Time. Weight knob to set exact minutes.	12:30
6	Press Preset /Clock. Defrost button once again or wait for 5 seconds, and the numbers will go steadily.	

6. MICROWAVE COOKING

This function is used for cooking and heating food. Press **Micro Power** button, LED cycles to show 100P — 80P — 60P — 40P — 20P.

High power	100% microwave power. Applicable for quick and thorough cooking
Medium High power	80% microwave power. Applicable for medium express cooking
Medium power	60% microwave power. Applicable for steaming food
Medium Low power	40% microwave power. Applicable for defrosting food
Low power	20% microwave power. Applicable for keeping warm

! CAUTION

- The max time which can be set is 60 minutes.
- Never operate the oven empty.
- At the maximum microwave power, the oven will automatically lower the power after a certain time of cooking to lengthen the service life.
- If you turn the food during operation, press the **Instant/Start** button once and the preset cooking procedure will continue.
- If you intend to remove the food before the preset time, you must press **Pause/Cancel** button once to clear the preset procedure to avoid unintended operation of next time use.

Example: To cook at P80 for 10 minutes.

	Steps	Display
1	After power-up, the colon flashes	:
2	Select the desired microwave power by pressing Micro Power button consecutively	80P
3	Set cooking time by turning Auto Cooking/Time. Weight knob	10:00
4	Press Instant/Start button and LED will count down to show running time.	

7. DEFROST

This function use for defrost food; Press the **Preset/Clock/Defrost** button and the LED display will cycle to show d.1-d.2-d.3.

d.1	For defrosting meat, the weight range from 0.1 to 2.0 kg.
d.2	For defrosting poultry, the weight range from 0.2 to 3.0kg.
d.3	For defrosting seafood, the weight range from 0.1 to 0.9kg.

⚠ CAUTION

- It is necessary to turn over the food during operation to obtain uniform effect.
- Usually defrosting will need longer time than that of cooking the food.
- If the food can be cut by knife, the defrosting process can be considered completed.
- Microwave penetrates around 4cm into most food
- Defrosted food should be consumed as soon as possible, it is not advised to put back to fridge and freeze again.

Example: To defrost 0.4kg poultry		
	Steps	Display
1	After power-up, the colon flashes	:
2	Press Preset/Clock/Defrost button to set the food kind.	d.2
3	Turn Auto cooking/Time. Weight knob to set the defrost weight	0.4
4	Start cooking by pressing Instant/Start button	
5	In half way during defrosting 3 beep sound will be heard two times to prompt you turn over the food. Open the door and turn over the food. Then close the door. Press Instant/Start button again to continue defrosting	

8. AUTO COOKING

The oven has default cooking menu for simple operation. When the LED flash colon, turn the knob and LED will cycle to show A-01, A-02 A-12. After setting auto cooking menu, pressing **Enter** button is available to set the cooking weight. Choose the appropriate menu according to the food type and weight and strictly observe the directions in below table, otherwise the cooking effect will be largely influenced.

Display	Kind	Weight
A-01	Popcorn	All together there are two choices (3.0Oz and 3.5Oz)
A-02	Potato	All together there are two choices (0.45kg and 0.65kg)
A-03	Vegetable	All together there are five choices (0.1 0.2-----0.5kg)
A-04	Meat	All together there are six choices (0.2 0.3-----0.7kg)
A-05	Fish	All together there are six choices (0.2 0.3-----0.7kg)
A-06	Chicken	All together there are six choices (0.2 0.3-----0.7kg)
A-07	Reheat	All together there are five choices (0.2 0.4-----1.0kg)
A-08	Beverage	All together there are two choices(250ml and 500ml)
A-09	Rice	All together there are five choices (0.1 0.2-----0.5kg)
A-10	Pasta	All together there are five choices (0.1 0.2-----0.5kg)
A-11	Bread	All together there are five choices (0.1 0.2-----0.5kg)
A-12	Pizza	All together there are two choices(1 share and 2 share)

⚠ CAUTION

The temperature of food before cooking would be 20-25 °C. Higher or lower temperature of the food before cooking would require increase or decrease of cooking time.

The temperature, weight and shape of food will largely influence the cooking effect. If any deviation has been found to the factor noted on above menu, you can adjust the cooking time for best result.

Example: Steam 0.4kg fish

	Steps	Display
1	After power-up, the colon flashes	:
2	Turn the knob and the oven enter cooking menu mode	
3	Then set the cooking menu by turning the knob	A-05
4	Press Enter button to affirm	A-05
5	Turn Auto Cooking/Time. Weight knob to set the weight	0.4
6	Start cooking by pressing Instant/Start button	

AUTOMATIC STARTING (DELAYED FUNCTION)

If you do not want the menu be started immediately, you can preset the cooking menu and time and the preset menu will be automatically started at your set time. The setting will consist of 2 steps:

- Setting the current clock;
- Setting the cooking menu and time.

Example: Now it is 12:30 Clock, if you hope that the microwave oven will automatically start cooking with 100P microwave power for 9 minutes and 30 seconds at 14:20

	Steps	Display
1	After power-up, the colon flashes	:
1.1	Hold Preset/Clock/Defrost button three seconds	0:00
1.2	Set hours by turning Auto Cooking/Time. Weight knob	12:00
1.3	Press Preset/Clock/Defrost button again to confirm hours	12:00
1.4	Set minutes by turning Auto Cooking/Time. Weight knob	12:30
1.5	Press Preset/Clock/Defrost button once or waiting for 5 seconds, and the numbers will go steady.	12:30
2	Set the cooking menu and time	
2.1	Select cooking power by pressing Micro Power button	100p
2.2	Turn Auto Cooking/Time. Weight knob to set cooking time	9:30
2.3	Press and hold Preset/Clock/Defrost button for 3 seconds to return to current clock.	
3	Set the time you expect to start. Repeat the steps of 1.2, 1.3, 1.4	
4	Press Preset/Clock/Defrost button to confirm the delayed menu. Now the program has been activated. And the menu will be started at 14:20.	
5	You may check the preset starting time by pressing Preset/Clock/Defrost button.	

⚠ CAUTION

If you want to start the set program immediately without waiting, just press Instant/Start button; if "Automatic starting" need to be cancelled, press Pause/Cancel button.

MULTI-SEQUENCE COOKING

To obtain best cooking result, some recipes call for different cook mode and time. You may program your personalized menu as follow:

Example: You want cook food with 100P microwave for 3 minutes then 20P for 9 minutes. This is 2 sequence setting.		
	Steps	Display
1	100P microwave for 3min	
1.1	Press Micro Power button to select power level.	100P
1.2	Turn Auto Cooking/Time. Weight knob to set cooking time.	3:00
2	20P for 9min	
2.1	Press Micro Power button to select power level	20P
2.2	Turn Auto Cooking/Time. Weight knob to set cooking time.	9:00
3	Start cooking by pressing Instant/Start button	

⚠ CAUTION

When microwave 100 power cooking is finished, microwave 20P will begin next operation automatically.

Max 4 sequences can be set per time, repeat the steps

CHILD LOCK FUNCTION

Use this feature to lock the control panel when you are cleaning or so that children can not use the oven unsupervised. All the buttons are rendered inoperable in this mode.

- To set child lock, press and hold Pause/Cancel button about 3 seconds.
- To cancel child lock, press and hold Pause/Cancel button about 3 seconds.

It is strongly recommended to use the containers which are suitable and safe for microwave cooking. Generally speaking, the containers which are made of heat-resistant ceramic, glass or plastic are suitable for microwave cooking. Never use the metal containers for microwave cooking and combination cooking as spark is likely to occur. You can take the reference of below table.

Material of container	Microwave	Notes
Heat-resistant ceramic	Yes	Never use the ceramics which are decorated with metal rim or glazed. Recommend using ceramic, heat-resistant glass, and plastic containers that can withstand temperatures above 120 °C.
Heat-resistant plastic	Yes	Can not be used for long time microwave cooking
Heat-resistant glass	Yes	
Grill rack	No	
Plastic film	Yes	It should not be used when cooking meat or chops as the over-temperature may do damage to the film

The following factors may affect the cooking result:

Food arrangement

Place thicker areas towards outside of dish, the thinner part towards the centre and spread it evenly. Do not overlap if possible.

Cooking time length

Start cooking with a short time setting, evaluate it after it times out and extend it according to the actual need. Over cooking may result in smoke and burns.

Cooking food evenly

Food such as chicken, hamburger or steak should be turned once during cooking. Depending on the type of food, if applicable, stir it from outside to centre of dish once or twice during cooking

Allow standing time

After cooking times out, leave the food in the oven for an adequate length of time, this allows it to complete its cooking cycle and cooling it down in a gradual manner

Whether the food is done

Color and hardness of food help to determine if it is done, these include:

- Steam coming out from all parts of food, not just the edge
- Joints of poultry can be moved easily
- Pork or poultry shows no signs of blood
- Fish is opaque and can be sliced easily with a fork

Browning dish

When using a browning dish or self-heating container, always place a heat-resistant insulator such as a porcelain plate under it to prevent damage to the turntable and rotating ring.

Microwave safe plastic wrap

When cooking food with high fat content, do not allow the plastic wrap come into contact with food as it may melt

Microwave safe plastic cookware

Some microwave safe plastic cookware might not be suitable for cooking foods with high fat and sugar content. Also, the preheating time specified in the dish instruction manual must not be exceeded.

 SERVICING

Please check the following before calling for services.

01. Place one cup of water (approx. 150ml) in a glass measure in the oven and close the door securely. Oven lamp should go off if the door is closed properly. Let the oven work for 1 min.
02. Does the oven lamp light?
03. Does the cooling fan work?
(Put your hand over the rear ventilation openings.)
04. Does the turntable rotate?
(The turntable can rotate clockwise or counter clockwise. This is quite normal.)
05. Is the water inside the oven hot?
If "NO" is the answer to any of the above questions, please check your wall socket and the fuse in your meter box.
If both the wall socket and the fuse are functioning properly,
CONTACT YOUR NEAREST SERVICE CENTER APPROVED.

 SERVICING SAFEGUARDS

Caution: MICROWAVE RADIATION

01. The high voltage capacitor remains charge after disconnection; short the negative terminal of H. V capacitor to the oven chassis (use a screwdriver) to discharge before touching.
 02. During servicing below listed parts are liable to be removed and give access to potentials above 250V to earth.
 - Magnetron
 - High voltage transformer
 - High voltage capacitor
 - High voltage diode
 - High voltage fuseThe actual configuration in order to prevail in kind.
 03. The following conditions may cause undue microwave exposure during servicing.
 - Improper fitting of magnetron;
 - Improper matching of door interlock, door hinge and door;
 - Improper fitting of switch support;
 - Door, door seal or enclosure has been damaged.
-

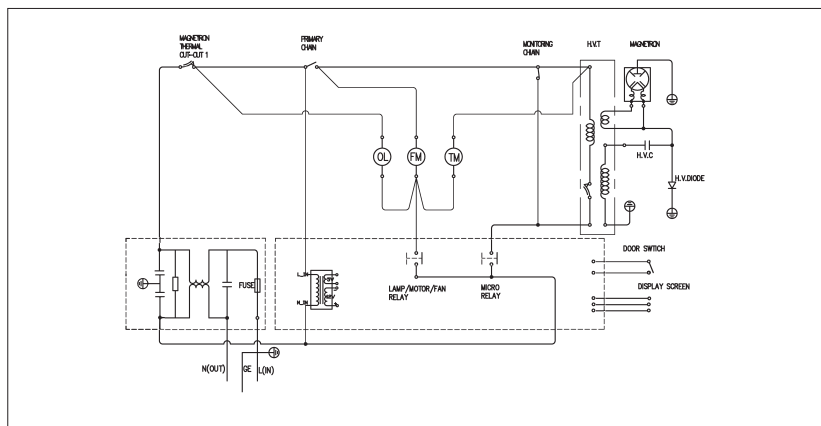
TECHNICAL PARAMETERS

Product model	Input power	Output power
HIL20V1MBPD	1150W	700W
Volume	Overall Dimension	Producing area
20L	W451*H258*D355.7 mm	Zhongshan, Guangdong

PACKINGLIST

Name	Microwave oven	Turntable glass	User Manual
Quantity	1	1	1

ELECTRICAL DIAGRAM



Correct disposal of this product

Correct disposal of this product



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



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