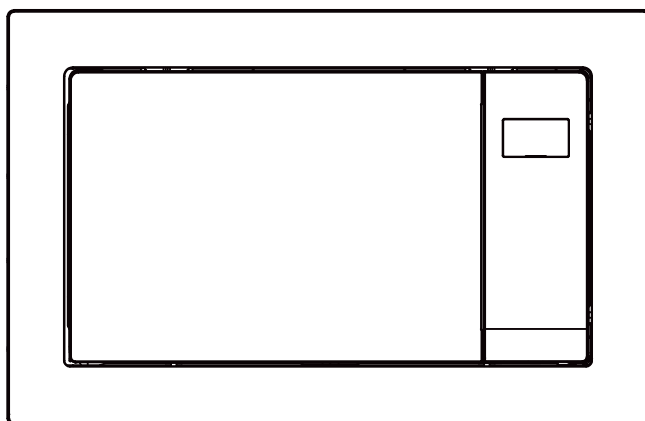


# prima

## INSTRUCTIONS AND WARRANTY



**MODEL NO. PRCM112**  
**20L ELECTRONIC MICROWAVE OVEN**

# PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- (a) Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.
- (b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) WARNING: If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

## ADDENDUM

If the apparatus is not maintained in a good state of cleanliness, its surface could be degraded and affect the lifespan of the apparatus and lead to a dangerous situation.

## Specifications

Model:	PRCM112
Rated Voltage:	240V~/50Hz
Rated Input Power(Microwave):	1200W
Rated Output Power(Microwave):	700W
Rated Input Power(Grill):	1000W
Oven Capacity:	20L
External Dimensions:	594x316x382mm

The appliances are not intended to be operated by means of an external timer or separate remote-control system.

This appliance is intended to be used in household and similar applications such as:

- staff kitchen areas in shops, offices and other working environments;
- farm houses;
- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments.

# IMPORTANT SAFETY INSTRUCTIONS

## WARNING

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

1. **Warning:** Liquids and other foods must not be heated in sealed containers since they are liable to explode.
2. **Warning:** It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.
3. **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 understand the hazards of improper use.
4. **Warning:** When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.  
(only for grill series)
5. Only use utensils suitable for use in microwave ovens.
6. The oven should be cleaned regularly and any food deposits should be removed.
7. Read and follow the specific: "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".
8. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
9. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
10. Do not overcook food.
11. Do not use the oven cavity for storage purposes. Do not store items, such as bread, cookies, etc. inside the oven.
12. Remove wire twist-ties and metal handles from paper or plastic containers/bags before placing them in the oven.
13. Install or locate this oven only in accordance with the installation instructions provided.
14. Eggs in the shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
15. Use this appliance only for its intended uses as described in manual. Do not use corrosive chemicals or vapors in this appliance. This oven is especially designed to heat. It is not designed for industrial or laboratory use.
16. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
17. Do not store or use this appliance outdoors.

18. Do not use this oven near water, in a wet basement or near a swimming pool.
19. The temperature of accessible surfaces may be high when the appliance is operating. Keep cord away from heated surface, and do not cover any events on the oven.
20. Do not let cord hang over edge of table or counter.
21. 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.
22. 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.
23. Microwave heating of beverages can result in delayed eruptive boiling, therefore take care when handling the container.
24. The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. (for market beyond European market)
25. Children should be supervised to ensure that they do not play with the appliance. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. (for European market.)
26. The microwave oven shall not be placed in a cabinet.
27. 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. Don't immerse the appliance in water or other liquid when cleaning. The appliance shall not be cleaned with a steam cleaner.
28. Metallic containers for food and beverages are not allowed during microwave cooking.
29. Care should be taken not to displace the turntable when removing containers from the appliance.
30. The appliance must not be installed behind a decorative door in order to avoid overheating.
31. Important safety instructions read carefully and keep for future reference.

# To Reduce the Risk of Injury to Persons

## Grounding Installation

### DANGER

Electric Shock Hazard

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

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

### WARNING

Electric Shock Hazard

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

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a 3-wire extension cord.

### CLEANING

Be sure to disconnect the

oven from the power supply.

1. Clean the inside of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in soapy water.
3. The door frame and seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.

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

# UTENSILS

## CAUTION

### Personal Injury Hazard

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.

See the instructions on "Materials you can use in microwave oven or to be avoided in microwave oven."

There may be certain non-metallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

### Utensil Test:

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

## Materials you can use in microwave oven

### Utensils Remarks

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

Materials to be avoided in microwave oven

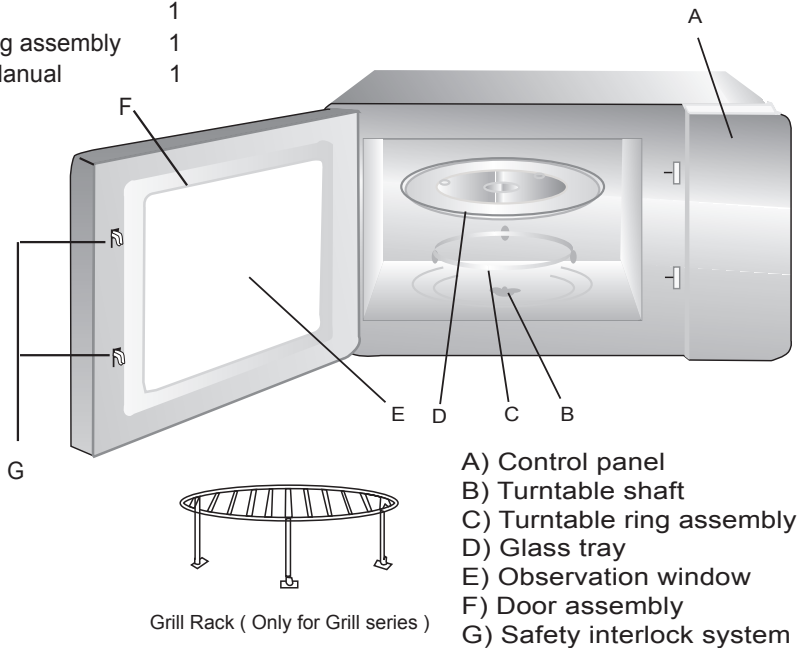
Utensils Remarks	
Aluminum tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-trimmed utensils	Metal shields the food from microwave energy. Metal trim may cause arcing.
Metal twist ties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

SETTING UP YOUR OVEN

Names of Oven Parts and Accessories

Remove the oven and all materials from the carton and oven cavity.  
Your oven comes with the following accessories:

- Glass tray 1
- Turntable ring assembly 1
- Instruction Manual 1



Shut off oven power if the door is opened during operation.

## Turntable Installation

Hub (underside)

Glass tray

Turntable shaft



Turntable ring assembly

- a. Never place the glass tray upside down. The glass tray should never be restricted.
- b. Both glass tray and turntable ring assembly must always be used during cooking.
- c. All food and containers of food are always placed on the glass tray for cooking.
- d. If glass tray or turntable ring assembly cracks or breaks, contact your nearest authorized service center.

---

## Installation

1. Remove any protective film found on the microwave oven cabinet surface, do not remove the light white Mica cover that is attached to the oven cavity to protect the magnetron.
2. This oven is intended for built-in use only. It is not intended for counter-top use or for use inside a cupboard.
3. The appliance can be installed in a 60cm wide wall-mounted cupboard(at least 55cm deep).
- 4.The appliance is fitted with a plug and must only be connected to a properly installed earthed socket.
- 5.The mains voltage must correspond to the voltage specified on the rating plate.
- 6.The socket must be installed and connecting cable must only be replaced by a qualified electrician.If the plug is no longer to accessible following installation,an all-pole disconnecting device must be present on the installation side with a contact gap of at lease 3mm.
- 7.Adapters,multi-way strips and extension leads must not be used. Overloading can result in a risk of fire.



# Installation drawing

## 1.Necessary component List for Installation

1)Cabinet(Figure #1)

※Dimension of Cabinet should be as shown in Figure#1.

2)Installation Templatet(Figure #2)

3)Steel Plate to be fixed on Lower Plate of Microwave Oven (Figure #3)

4)Steel Plate to be fixed on Lower Plate of Cabinet (Figure #4)

5)Screws (Figure #5, Figure #6, Figure #7)

Figure #1

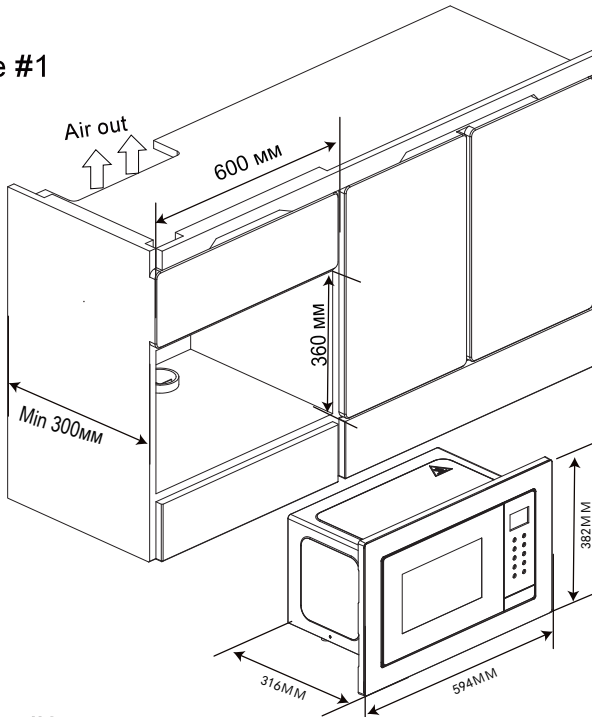


Figure #2

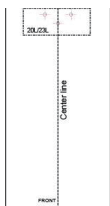


Figure #3



Figure #4



Figure #5



Figure #6



Figure #7

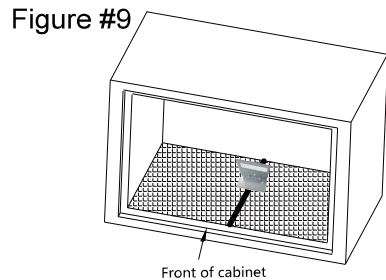
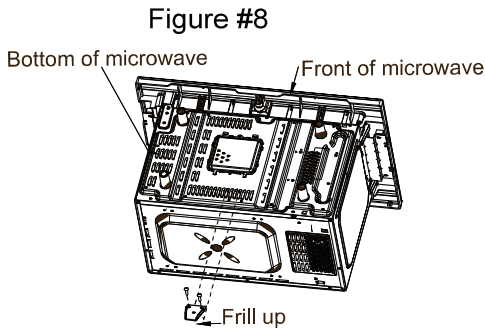


## 2. Check Point before Installation

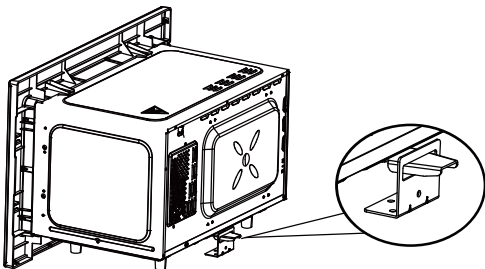
- 1) Check the 4 screws (Upper 2 pieces, Lower 2 pieces) fixing Trim Kit to the Microwave Oven whether be fastened.
- 2) The Front face of Door Panel and the Front Face of Trim Kit should be on even surface.  
In case, the two plate surface would not be on even surface,, loosen the screws which is fixing the Trim. Kit to the Microwave Oven and then adjust the Trim Kit surface.  
※Uneven panel surface between Door and Trim Kit would cause interference of the two parts.
- 3) Left, Right and Lower, Upper Gap between Microwave Oven and Trim Kit should be even.  
Left Gap would be a bit bigger than right Gap.  
In case, any gap would not be even, loosen the screws which is fixing the Trim Kit to the Microwave Oven and then adjust the Gap moving the Trim Kit into the right and left or up and down.

## 3. Installation Procedure.

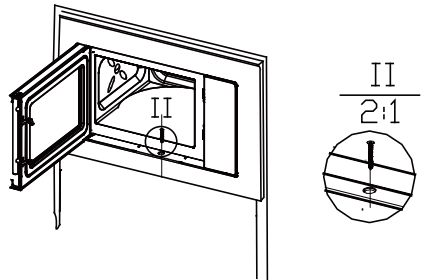
- 1) Mark a center line of Cabinet on the Lower Plate of Cabinet.
- 2) Put the Installation Template at the lower plate of Cabinet and align the center line Between installation template and the center line of cabinet.
- 3) Fix the #3 Steel Plate at the Lower Plate of Microwave Oven using 2 pieces of #6 screws as shown in Figure#8.
- 4) Fix the #4 Steel Plate at the Lower Plate of Cabinet using 3 pieces of #6 screws as shown in Figure#9  
※Once Fix the Steel Plate, remove the installation template out of Cabinet.
- 5) Put the Microwave Oven into Cabinet and insert #3 steel plate into the rectangular hole of #4 steel plate as shown in Figure #10.
- 6) Push the Microwave oven and Trim kit into Cabinet until Trim Kit touches to the Frame of Cabinet.
- 7) Fix the Microwave Oven to the bottom of Cabinet using a #7 screw as shown in Figure#11.



**Figure #10**



**Figure #11**



# Operation Instructions

## 1. Clock Setting

When the microwave oven is electrified, the LED will display "0:00", buzzer will ring once.

1) Press "Timer/ Clock" twice, the hour figures will flash.

---

2) Press "+" and "-" to adjust the hour figures, the input time should be within 0-23.

---

3) Press "Timer/ Clock", the minute figures will flash.

---

4) Press "+" and "-" to adjust the minute figures, the input time should be within 0-59.

---

5) Press "Timer/ Clock" to finish clock setting. ":" will flash, and the time will light.

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

2. During the process of clock setting, if you press "STOP/Cancel", the oven will go back to the previous status automatically.

3. Long press "Timer/ Clock" to change the clock

## 2. Microwave cooking

Press "Microwave" the LED will display "700", and press "+" and "-" to choose the power you want, and "700", "600" ... "200", "100" will display for each. Press "START/+30sec." to confirm.

Then press "+" and "-" to set the cooking time from 0:05 to 95:00.

Press "START/+30sec." to start cooking.

1) Press "Microwave" once, the screen display "700".

---

2) Press "-" once again to choose "600" microwave power. Press "START/+30sec." to confirm.

---

3) Then press "+" and "-" to set the cooking time, until the ovens displays "20:00"

---

4) Press "START/+30sec." to start cooking.

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

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

3. Grill or Combi. Cooking

Press "Grill" once, the LED will display"G", and press " + " and " - " to set the cooking time from 0:05 to 95:00. Press "START/+30sec." to start cooking.

- 1) Press "Grill" once , the screen display "G ".
- 
- 2) Press " + " and " - " to set the cooking time, until the ovens displays "10:00"
- 
- 3) Press" START/+30sec." to start cooking.

**Note:**If half of the grill time passes, the oven sounds , and this is normal.  
In order to have a better effect of grilling food, you should turn the food over, close the door, and then if no operation the oven will continue cooking.

4. Combi. Cooking

Press "Combi." once, the LED will display"C-1", and press " Combi." twice, the LED will display"C-2", then press " + " and " - " to set the cooking time from 0:05 to 95:00. Press"START/+30sec." to start cooking.

- 1) Press "Combi." once , the screen display "C-1".
- 
- 2) Press " + " and " - " to set the cooking time, until the ovens displays "10:00"
- 
- 3) Press"START/+30sec." to start cooking.

"Grill/Combi." Pad instructions

Order	Display	Microwave Power	Grill Power
1	G	0%	100%
2	C-1	60%	40%
3	C-2	30%	70%

## 5. Quick Start

- 1) In waiting state, Press "START/+30sec." to start cooking with 100% power, each added press will increase 30 seconds cooking time up to 95 minutes.
- 2) In microwave, grill, combi. cooking or time defrost state, each press of "START/+30sec." can increase 30 seconds of cooking time.
- 3) In waiting state, press " + " and " - " to set cooking time with 100% microwave power, then press "START/+30sec." to start cooking.

## 6. Defrost by weight

- 1) Press "Defrost" once, and the oven will display "dEF1".
- 2) Press " + " and " - " to select the weight of food from 100 to 2000 g.
- 3) Press "START/+30sec." to start defrosting.

## 7. Defrost By Time

- 1) Press "Defrost" twice, and the oven will display "dEF2".
- 2) Press " + " and " - " to set the defrost time.
- 3) Press "START/+30sec." to start defrosting.

## 8. Menu

Press "Menu" once, the Led will display "P1", then press "Menu" to choose, and "P1" to "P8" will display, which means cake, pizza, soup, meat, pasta, vegetable, potato and reheate. Press "START/+30sec." to confirm.

Then press " + " and " - " to choose the default weight as the menu chart.

Press "START/+30sec." to start cooking.

Example: If you want to use "Menu" to cook vegetable for 400g.

- 1) Press "Menu" once, the Led will display "P1".
- 2) Press "Menu" to choose "P6". Press "START/+30sec." to confirm.
- 3) Then press " + " and " - " to choose the weight till "400" display.
- 4) Press "START/+30sec." to start cooking.

### The menu chart:

Menu	Weight	Display
P1 Cake	200 g	200 g
	475 g	475 g
P2 Pizza	200 g	200 g
	400 g	400 g
P3 Soup	200 g	200 g
	400 g	400 g
	600 g	600 g
P4 Meat	200 g	200 g
	400 g	400 g
	600 g	600 g
P5 Pasta	50 g	50 g
	100 g	100 g
	150 g	150 g
P6 Vegetable	200 g	200 g
	400 g	400 g
	600 g	600 g
P7 Potato	250 g	250 g
	500 g	500 g
	750 g	750 g
P8 Reheat	200 g	200 g
	400 g	400 g
	600 g	600 g

### 8. Timer

1) Press "**Timer/Clock**" once, and the LED will display "0:00".

---

2) Set timer. (Consult the instruction of clock setting.)

---

3) Press "**START/+30sec.**" to start the timer.

---

4) The buzzer will ring when the time count down.

### 9. Inquiring Function

1) In cooking state, press "**Timer/Clock**", the current time will be displayed 3 seconds.

---

2) In states of microwave, press "**Microwave**" the current power will be displayed 3 seconds.

---

3) In states of grill and combination cooking, press "**Combi.**" the current menu will be displayed 3 seconds.

## 11. Lock-out Function for Children

Lock: In waiting state, press " **STOP/Cancel** " for 3 seconds, there will be a long beep denoting entering the children-lock state and the locked indicator will display if the time has been set, otherwise, the LED will display " **---** ".

Lock quitting: In locked state, press " **STOP/Cancel** " for 3 seconds, there will be a long "beep" denoting that the lock is released.

## Trouble shooting

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

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



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



The accessible surface may be hot during operation.

### Service Information:

If you experiencing problems with your Prima appliance please contact Prima Care  
(Website: [www.prima-appliances.uk/primacare](http://www.prima-appliances.uk/primacare) Tel: 0344 576 6841)

Prima guarantees the equipment against defective material or faulty manufacture, provided it is used for domestic purposes only for a period of 1 year unless registered for extended warranty. The Guarantee only applies to Prima large appliances.