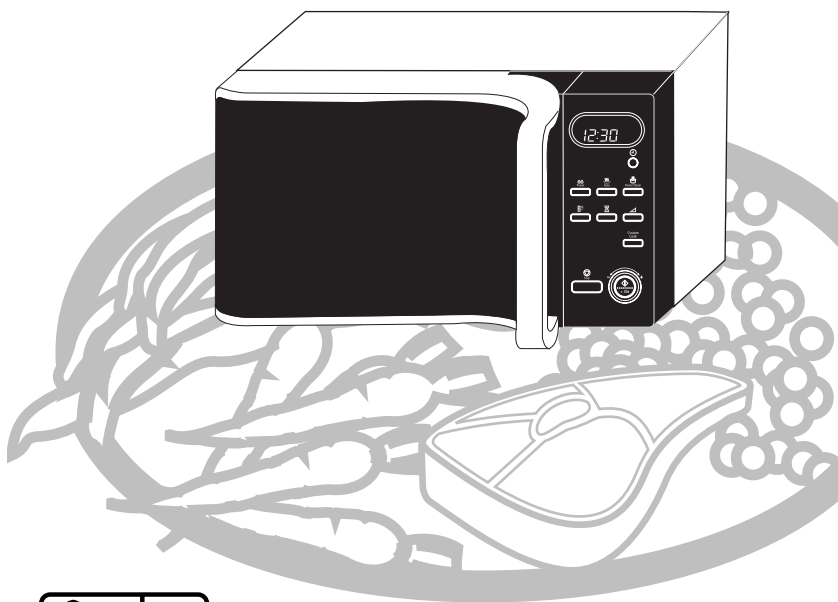


**SAMSUNG**

# MICROWAVE OVEN

## Owner's Instructions

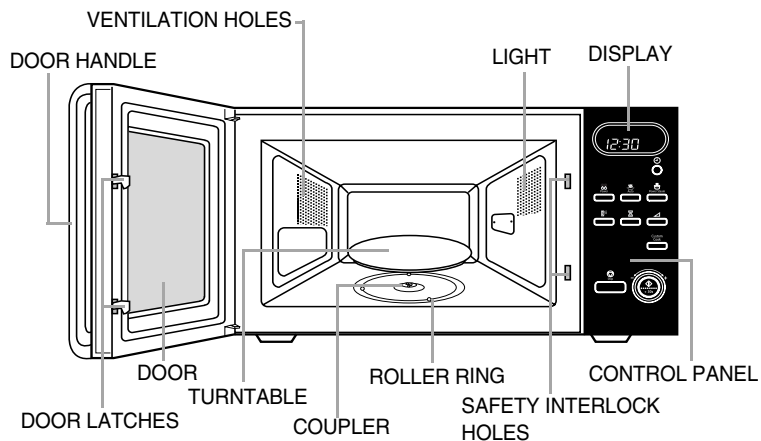
**MW87L**



Oven .....	2
Accessories .....	2
Control Panel .....	2
Using this Instruction Booklet .....	3
Safety Precautions.....	3
Installing Your Microwave Oven .....	4
Setting the Time.....	5
What to Do if You are in Doubt or Have a Problem.....	5
Cooking / Reheating .....	6
Power Levels .....	6
Stopping the Cooking .....	7
Adjusting the Cooking Time.....	7
Using the Auto Reheat Feature .....	8
Auto Reheat Settings.....	8
Using the Auto Power Defrost Feature.....	9
Auto Power Defrost Settings .....	9
Using the Power Steam Function .....	10
Using the Deodorization Feature.....	11
Setting a Standing Time .....	11
Using the Custom Cook Feature .....	11
Switching the Beeper Off.....	12
Safety-Locking Your Microwave Oven .....	12
Cookware Guide .....	13
Cleaning Your Microwave Oven.....	14
Storing and Repairing Your Microwave Oven .....	14
Installation & Wiring Instructions .....	15
Wiring Instructions .....	15
Cooking Instructions On Food Packaging.....	16
Cooking Instructions .....	16
Technical Specifications .....	17

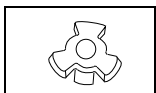


## Oven



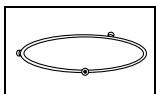
## Accessories

Depending on the model that you have purchased, you are supplied with several accessories that can be used in a variety of ways.



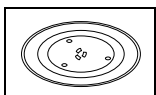
1. **Coupler**, already placed over the motor shaft in the base of the oven.

**Purpose:** The coupler rotates the turntable.



2. **Roller ring**, to be placed in the centre of the oven.

**Purpose:** The roller ring supports the turntable.



3. **Turntable**, to be placed on the roller ring with the centre fitting to the coupler.

**Purpose:** The turntable serves as the main cooking surface; it can be easily removed for cleaning.



4. **Power steam cooker**, see page 10.

**Purpose:** Use the plastic steam cooker when using power steam function.

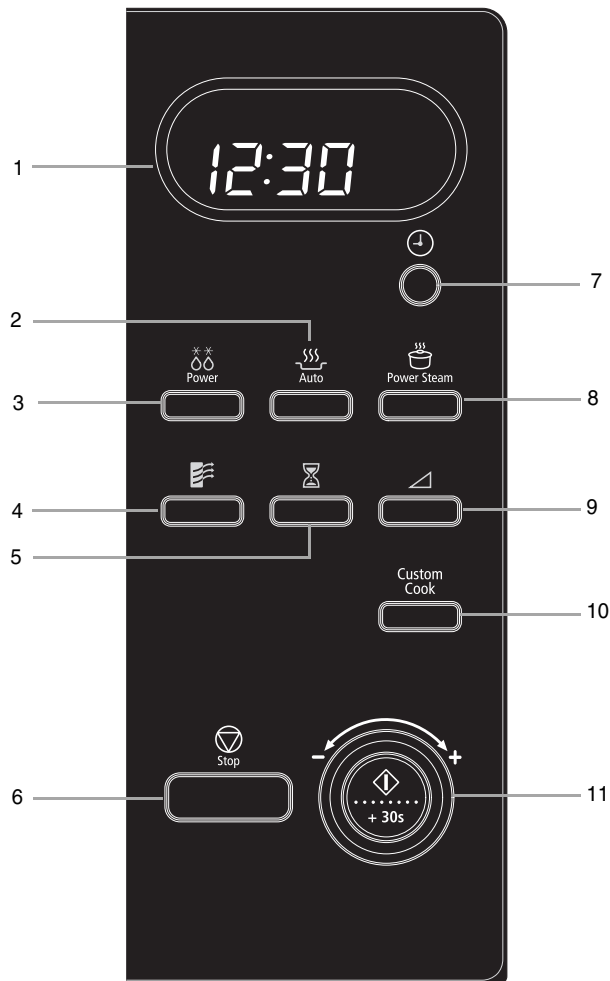
**Details of authorised suppliers can be found in the Consumables & Accessories section at:**

<http://www.samsung.com/uk/support/>



**DO NOT** operate the microwave oven without the roller ring and turntable.

## Control Panel



- |                              |  |
|------------------------------|--|
| 1. DISPLAY                   | 7. CLOCK SETTING   |
| 2. AUTO REHEAT SELECTION     | 8. POWER STEAM SELECTION   |
| 3. AUTO POWER DEFROST BUTTON | 9. POWER LEVEL SETTING   |
| 4. DEODORIZATION BUTTON      | 10. CUSTOM COOK BUTTON   |
| 5. STANDING TIME SETTING     | 11. START BUTTON/ DIAL KNOB (cook time, weight and serving size) |
| 6. STOP/CANCEL BUTTON        |  |

## Using this Instruction Booklet

You have just purchased a SAMSUNG microwave oven. Your Owner's Instructions contain much valuable information on cooking with your microwave oven:

- Safety precautions
- Suitable accessories and cookware
- Useful cooking tips

At the front of the booklet you will find illustrations of the oven, and more importantly the control panel, so that you can find the buttons more easily.

The step-by-step procedures use three different symbols.



### PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

Failure to observe the following safety precautions may result in harmful exposure to microwave energy.

- Under no circumstances should any attempt be made to operate the oven with the door open or to tamper with the safety interlocks (door latches) or to insert anything into the safety interlock holes.
- Do not place any object between the oven door and front face or allow food or cleaner residues to accumulate on sealing surfaces. Ensure that the door and door sealing surfaces are kept clean by wiping after use first with a damp cloth and then with a soft dry cloth.
- Do not operate the oven if it is damaged until it has been repaired by a qualified microwave service technician trained by the manufacturer. It is particularly important that the oven door closes properly and that there is no damage to the:
  - Door (bent)
  - Door hinges (broken or loose)
  - door seals and sealing surfaces
- The oven should not be adjusted or repaired by anyone other than a properly qualified microwave service technician trained by the manufacturer.

## Safety Precautions

### IMPORTANT SAFETY INSTRUCTIONS.

#### READ CAREFULLY AND KEEP FOR FUTURE REFERENCE.

Before cooking food or liquids in your microwave oven, please check that the following safety precautions are taken.

- Only use utensils that are suitable for use in microwave ovens; **DO NOT** use any metallic containers, Dinnerware with gold or silver trimmings, Skewers, forks, etc.  
Remove wire twist ties from paper or plastic bags.

Reason: Electric arcing or sparking may occur and may damage the oven.

- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition;  
Do not use your microwave oven to dry newspapers or clothes
- 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 must be taken when handling the container; To prevent this situation

**ALWAYS** allow a standing time of at least 20 seconds after the oven has been switched off so that the temperature can equalize.

Stir during heating, if necessary, and **ALWAYS** stir after heating.

In the event of scalding, follow these **FIRST AID** instructions:

- \* Immerse the scalded area in cold water for at least 10 minutes.
- \* Cover with a clean, dry dressing.
- \* Do not apply any creams, oils or lotions.

- **NEVER** fill the container to the top and choose a container that is wider at the top than at the bottom to prevent the liquid from boiling over. Bottles with narrow necks may also explode if overheated.  
**NEVER** heat a baby's bottle with the teat on, as the bottle may explode if overheated.
- 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;
- 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;  
Also do not heat airtight or vacuum-sealed bottles, jars, containers, nuts in shells, tomatoes etc.
- The oven should be cleaned regularly and any food deposits removed;
- Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation;
- **DO NOT** cover the ventilation slots with cloths or paper. They may catch fire as hot air is evacuated from the oven.  
The oven may overheat and automatically switch itself off. It will remain inoperable until it has cooled sufficiently.
- **ALWAYS** use oven gloves when removing a dish from the oven to avoid unintentional burn.
- **DO NOT** touch heating elements or interior oven walls until the oven be cooled down.

## Safety Precautions (continued)

- Do not immerse the power cable or plug in water and keep the power cable away from heated surfaces.  
Do not operate this appliance if it has a damaged power cable or plug.
- Stand at arms length from the oven when opening the door.  
**Reason:** The hot air or steam released may cause scalding.
- You may notice a Clicking sound during operation (especially when the oven is defrosting).  
**Reason:** This sound is normal when the electrical power output is changing.
- **DO NOT** operate the microwave oven when it is empty. The power will be cut off automatically for safety. You can operate normally after letting it stand for over 30 minutes.  
It is best to leave a glass of water inside the oven at all times. The water will absorb the microwaves energy if the oven accidentally started.

### IMPORTANT

- Young children should **NEVER** be allowed to use or play with the microwave oven. Nor should they be left unattended near the microwave oven when it is in use. Items of interest to children should not be stored or hidden just above the oven.
- 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.

### WARNING:

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

### WARNING:

It is hazardous for anyone other than a competent person to carry out any service or repair operation which involves the removal of a cover which gives protection against exposure to microwave energy.

### WARNING:

Liquids and other foods must not be heated in sealed containers since they are liable to explode.

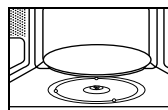
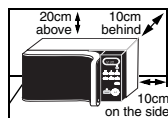
### WARNING:

Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

- The microwave oven shall not be placed in a cabinet

## Installing Your Microwave Oven

**Place the oven on a flat level surface 85cm above the floor. The surface should be strong enough to safely bear the weight of the oven.**



1. When you install your oven, make sure there is adequate ventilation for your oven by leaving at least 10 cm (4 inches) of space behind and, on the sides of the oven and 20 cm (8 inches) of space above.
2. Remove all packing materials inside the oven. Install the roller ring and turntable. Check that the turntable rotates freely.
3. This microwave oven has to be positioned so that plug is accessible.



If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

For your personal safety, plug the cable into a 3-pin, 230 Volt, 50Hz, AC earthed socket. If the power cable of this appliance is damaged, it must be replaced by a special cable.



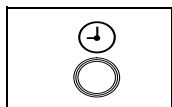
Do not install the microwave oven in hot or damp surroundings like next to a traditional oven or radiator. The power supply specifications of the oven must be respected and any extension cable used must be of the same standard as the power cable supplied with the oven. Wipe the interior and the door seal with a damp cloth before using your microwave oven for the first time.

## Setting the Time

Your microwave oven has an inbuilt clock. The time can be displayed in either the 24-hour or 12-hour notation. You must set the clock:

- When you first install your microwave oven
- After a power failure

✉ Do not forget to reset the clock when you switch to and from summer or winter time.

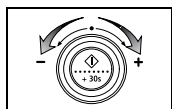


1. To display the time in the...

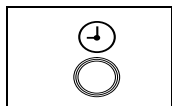
24-hour notation  
12-hour notation

Then press the button...

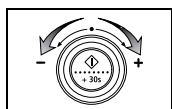
Once  
Twice



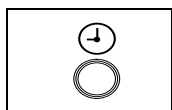
2. Turn the **dial knob** to set the hour.



3. Press the button.



4. Turn the **dial knob** to set the minute.



5. Press the button.

## What to Do if You are in Doubt or Have a Problem

If you have any of the problems listed below try the solutions given.

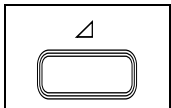
- ◆ This is normal.
    - Condensation inside the oven.
    - Air flow around the door and outer casing.
    - Light reflection around the door and outer casing.
    - Steam escaping from around the door or vents.
  - ◆ The oven does not start when you press the button.
    - Is the door completely closed?
  - ◆ The food is not cooked at all
    - Have you set the timer correctly and/or pressed the button?
    - Is the door closed?
    - Have you overloaded the electric circuit and caused a fuse to blow or a breaker to be triggered?
  - ◆ The food is either overcooked or undercooked
    - Was the appropriate cooking length set for the type of food?
    - Was an appropriate power level chosen?
  - ◆ Sparking and cracking occur inside the oven (arcing)
    - Have you used a dish with metal trimmings?
    - Have you left a fork or other metal utensil inside the oven?
    - Is aluminium foil too close to the inside walls?
  - ◆ The oven causes interference with radios or televisions
    - Slight interference may be observed on televisions or radios when the oven is operating. This is normal. To solve this problem, install the oven away from televisions, radios and aerials.
    - If interference is detected by the oven's microprocessor, the display may be reset. To solve this problem, disconnect the power plug and reconnect it. Reset the time.
- ✉ If the above guidelines do not enable you to solve the problem, contact your local dealer or SAMSUNG after-sales service.



## Cooking / Reheating

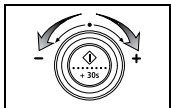
The following procedure explains how to cook or reheat food.

**ALWAYS** check your cooking settings before leaving the oven unattended.

First, place the food in the centre of the turntable. Then, close the door.





1. Press the  button.  
**Result:** The 850W (maximum cooking power) indications are displayed:  
Select the appropriate power level by pressing the  button again until the corresponding wattage is displayed. Refer to the power level table.




2. Set the cooking time by turning the **dial knob** as required.



3. Press the  button.  
**Result:** The light comes on and the turntable starts rotating.  
Cooking starts and when it has finished the oven beeps four times.



 **Never** switch the microwave oven on when it is empty.

 If you wish to heat a dish for a short period of time at maximum power(850W), simply press the **+30s** button once for each 30 seconds of cooking time. The oven starts immediately.

## Power Levels

You can choose from among the power levels below.

Power Level	Output
HIGH	850 W
MEDIUM HIGH	600 W
MEDIUM	450 W
MEDIUM LOW	300 W
DEFROST	180 W
LOW / KEEP WARM	100 W

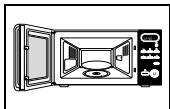
-  If you select the higher power level, the cooking time must be decreased.
-  If you select the lower power level, the cooking time must be increased.

*If you want to add the cooking time by turning dial knob.*


Time	Increasing Time
Up to 1 min	5 sec. unit
1 - 3 min	10 sec. unit
3 - 10 min	30 sec. unit
10 - 20 min	1 min unit
20 - 40 min	2 min unit
40 - 99 min	5 min unit

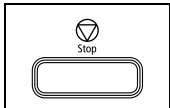
## Stopping the Cooking


*You can stop cooking at any time to check the food.*






1. To stop temporarily;  
Open the door.

**Result :** Cooking stops. To resume cooking, close the door and press  again.



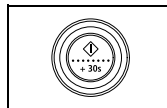
2. To stop Completely:  
Press the  button.

**Result :** The cooking stops.  
If you wish to cancel the cooking setting, press the Cancel(  ) button again.

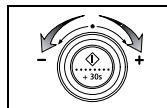
 You can cancel any setting before you start cooking by simply pressing **Cancel**(  ).

## Adjusting the Cooking Time

*You can increase the cooking time by pressing the +30s button once for each 30 seconds to be added.*



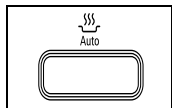
Press the **+30s** button once for each 30 seconds to be added.




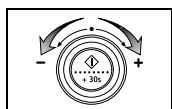
During the cooking, to increase or decrease the cooking time of your food, turn the **dial knob** right or left.

## Using the Auto Reheat Feature

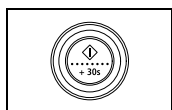
The Auto Reheat feature has three pre-programmed cooking times. You do not need to set either the cooking times or the power level. You can adjust the number of servings by turning the dial knob. First, place the food in the centre of the turntable and close the door.




1. Select the type of food that you are cooking by pressing the **Auto Reheat** (  ) button once or more times.



2. Select the size of the serving by turning the **dial knob**. (Refer to the table on the side.)






3. Press the  button  
**Result:** Cooking starts. When it has finished:
  - 1) The oven beeps four times.
  - 2) The end reminder signal will beep 3 times (once every minutes)
  - 3) The current time is displayed again.



Use only recipients that are microwave-safe.

## Auto Reheat Settings

The following table presents the various Auto Reheat Programmes, quantities, standing times and appropriate recommendations.

Code/ Food	Serving Size	Standing Time	Recommendations
1.  <b>Ready Meal</b> (Chilled)	300-350 g 400-450 g	3 min.	Put on a ceramic plate and cover with microwave cling film. This programme is suitable for meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dishes like potatoes, rice or pasta).
2.  <b>Ready Meal</b> (Frozen )	300 - 350 g 400 - 450 g	4 min.	Take frozen ready meal and check if dish is suitable for microwave. Pierce film of ready meal. Put the frozen ready meal in the centre. This programme is suitable for frozen ready meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).
3.  <b>Drinks</b> <b>Coffee, milk,</b> <b>tea, water</b> (room-temperature)	150 ml (1 cup) 250 ml (1 mug)	1-2 min.	Pour into a ceramic cup (150 ml) or mug (250 ml) and place in the centre of turntable. Reheat uncovered. Stir carefully before and after standing time. Be careful while taking the cups out (see safety instructions for liquids).

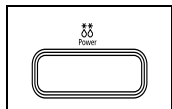


## Using the Auto Power Defrost Feature


The Auto Power Defrost feature enables you to defrost meat, poultry or fish. The defrost time and power level are set automatically.

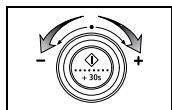
✉ Use only dishes that are microwave-safe.

First, place the frozen food in the centre of the turntable and close the door.

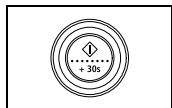


1. Press the **Auto Power Defrost** (  ) button.

Result : The following indication is displayed: 




2. Select the food weight by turning the **dial knob**. It is possible to set up to a maximum of 1500g.



3. Press  button.

Result :




- ◆ Defrosting begins.
- ◆ The oven beeps halfway through defrosting to remind you to turn the food over.
- ◆ Press  button again to finish defrosting

✉ You can also defrost food manually. To do so, select the microwave cooking/reheating function with a power level of 180W. Refer to the section entitled “Cooking/Reheating” on page 6 for further details.

## Auto Power Defrost Settings

The following table presents the Power Defrost programme, quantities, standing times and appropriate recommendations.

Remove all kind of package material before defrosting. Place meat, poultry and fish on a flat ceramic plate.

Food	Portion	Standing Time	Recommendation
 <b>Meat</b>	200-1500g	15-60min.	Shield the edges with aluminium foil. Turn the pieces over, when the oven beeps.
 <b>Poultry</b>			This programme is suitable for meat such as steaks, chops or minced meat, chicken pieces, whole chicken or fish fillets.
 <b>Fish</b>			

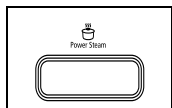
## Using the Power Steam Function

With the power steam feature, the cooking time is set automatically.

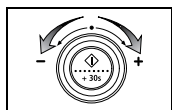
You can adjust the number of servings by turning the dial knob.

Use the plastic steam cooker when using power steam function.

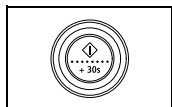
First, place the plastic steam cooker in the centre of the turntable and close the door.



1. Select the type of food that you are cooking by pressing the **Power Steam** (☁) button once or more times.



2. Select the size of the serving by turning the **dial knob**. (Refer to the table on the side page.)



3. Press the button.  
**Result:** Cooking starts. When it has finished:
  - 1) The oven beeps four times.
  - 2) The end reminder signal will beep 3 times (once every minute)
  - 3) The current time is displayed again.



Use only recipients that are microwave-safe.

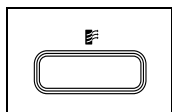
The following table presents the 4 Auto Programs of the Power Steam function, quantities, standing times and appropriate recommendations. Use the plastic steam cooker when using power steam function.

Code / Food	Serving Size	Standing Time	Recommendations
1. <b>Rice</b>	250 g 375 g	4-5 min.	Put white rice (parboiled) into the steam cooker. Add 500 ml cold water when cooking 250 g rice and add 750 ml water for 375 g rice. Close lid of steam cooker. After cooking remove moisture in the cavity by using kitchen paper.
2. <b>Peeled Potatoes</b>	100-150 g 200-250 g 300-350 g 400-450 g 500-550 g	2-3 min.	Weigh the potatoes after peeling, washing and cutting into similar size. Put them into the steam cooker. Add 15-30 ml (1-2 tablespoons) water when steaming 100-350 g, add 45-60 ml (3-4 tablespoons) for 400-550 g. Close lid of steam cooker.
3. <b>Fresh Vegetables</b>	100-150 g 200-250 g 300-350 g 400-450 g	1-2 min.	Weigh the vegetables after washing, cleaning and cutting into similar size. Put them into the steam cooker. Add 30 ml (2 tablespoons) water, when steaming 100-350 g, add 45 ml (3 tablespoons) for 400-450 g. Close lid of steam cooker. After steaming stir carefully before standing time.
4. <b>Fruit Compote</b>	100-150 g 200-250 g 300-350 g 400-450 g	2-3 min.	Weigh the fresh fruits after peeling and washing and cut into similar slices or cubes. Put into steam cooker. When steaming 100-350g fruits add 15-30 ml (1-2 tbsp.) water, for 400-450 add 45ml (3 tbsp.). Additionally add 1-2 tbsp. sugar. Close lid of steam cooker. After steaming stir carefully. This programme is suitable for apples, pears, plums, apricots, mangoes or pineapple.

## Using the Deodorization Feature

Use this feature after cooking odorous food or when there is a lot of smoke in the oven interior.

First clean the oven interior.

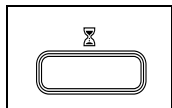


Press the **Deodorization** (🌀) button after you have finished cleaning. you will hear four beeps.

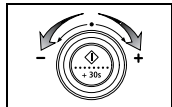
- ☒ The deodorization time has been specified as 5 minutes. It increases by 30 seconds whenever the **+30s** button is pressed.
- ☒ You can also adjust deodorization time by turning the dial knob right or left.
- ☒ The maximum deodorization time is 15 minutes.

## Setting a Standing Time

The Hold Time can be used to set a standing time automatically (without microwave cooking).



1. Press the 🕒 button.



2. Select the standing time by turning the **dial knob**.



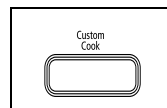
3. Press the ⬇️ button.  
**Result :** Standing time starts. When it has finished:
  - 1) The oven beeps four times.
  - 2) The current time is displayed again.

## Using the Custom Cook Feature

If you often cook or reheat the same types of dishes, you can store the cooking times and power levels in the oven's memory, so that you do not have to reset them each order.

You can store two different setting.

### Storing the Setting

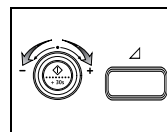


1. To programme the...

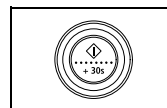
First setting  
Second setting

**Then press the Custom Cook button**

Once (Display is P1)  
Twice (Display is P2)



2. Set your cooking programme as usual (Cooking time and power level) see if necessary.

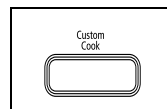


3. Press ⬇️ button.

**Result :** Your setting are now stored in the oven's memory.

### Using the settings

First, place the food in the centre of the turntable and close the door

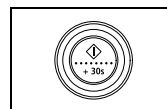


1. To select the...

First setting  
Second setting

**Then press the Custom Cook button**

Once (Display is P1)  
Twice (Display is P2)

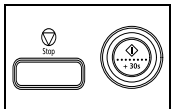




2. Press ⬇️ button.

**Result :** The food is cooked as requested.

## Switching the Beeper Off

You can switch the beeper off whenever you want.



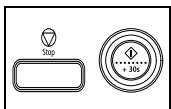
1. Press the  and  buttons at the same time.



Result:

- ◆ The following indication is displayed.

**OFF**

- ◆ The oven will not beep each time you press a button.



2. To switch the beeper back on, press the  and  buttons again at the same time.

Result:

- ◆ The following indication is displayed.

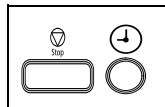
**00**



- ◆ The oven operates with the beeper on again.

## Safety-Locking Your Microwave Oven

Your microwave oven is fitted with a special Child Safety programme, which enables the oven to be “locked” so that children or anyone unfamiliar with it cannot operate it accidentally.

The oven can be locked at any time.



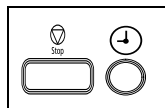
1. Press the  and  buttons at the same time.



Result:

- ◆ The oven is locked (no functions can be selected).

- ◆ The display shows “L”.

**L**



2. To unlock the oven, press the  and  buttons again at the same time.

Result:

- ◆ The oven can be used normally.

## Cookware Guide

To cook food in the microwave oven, the microwaves must be able to penetrate the food, without being reflected or absorbed by the dish used.

Care must therefore be taken when choosing the cookware. If the cookware is marked microwave-safe, you do not need to worry.

The following table lists various types of cookware and indicates whether and how they should be used in a microwave oven.

Cookware	Microwave-Safe	Comments
Aluminium foil	✓ X	Can be used in small quantities to protect areas against overcooking. Arcing can occur if the foil is too close to the oven wall or if too much foil is used.
Browning plate	✓	Do not preheat for more than eight minutes.
China and earthenware	✓	Porcelain, pottery, glazed earthenware and bone china are usually suitable, unless decorated with a metal trim.
Disposable polyester cardboard dishes	✓	Some frozen foods are packaged in these dishes.
<b>Fast-food packaging</b>		
• Polystyrene cups	✓	Can be used to warm food. Overheating may cause the polystyrene to melt. May catch fire.
• Paper bags or newspaper	X	
• Recycled paper or metal trims	X	
<b>Glassware</b>		
• Oven-to-table ware	✓	Can be used, unless decorated with a metal trim.
• Fine glassware	✓	Can be used to warm foods or liquids. Delicate glass may break or crack if heated suddenly.
• Glass jars	✓	Must remove the lid. Suitable for warming only.
<b>Metal</b>		
• Dishes	X	May cause arcing or fire.
• Freezer bag twist ties	X	

<b>Paper</b>			
• Plates, cups, napkins and Kitchen paper	✓		For short cooking times and warming. Also to absorb excess moisture.
• Recycled paper	X		May cause arcing.
<b>Plastic</b>			
• Containers	✓		Particularly if heat-resistant thermoplastic. Some other plastics may warp or discolour at high temperatures. Do not use Melamine plastic.
• Cling film	✓		Can be used to retain moisture. Should not touch the food. Take care when removing the film as hot steam will escape.
• Freezer bags	✓ X		Only if boilable or oven-proof. Should not be airtight. Prick with a fork, if necessary.
<b>Wax or grease-proof paper</b>	✓		Can be used to retain moisture and prevent spattering.

- ✓ :Recommended
- ✓X:Use Caution
- X :Unsafe


---


## Cleaning Your Microwave Oven

---


**EN** *The following parts of your microwave oven should be cleaned regularly to prevent grease and food particles from building up:*

- *Inside and outside surfaces*
- *Door and door seals*
- *Turntable and Roller rings*

 **ALWAYS** ensure that the door seals are clean and the door closes properly.

 Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the of the appliance and possibly result in a hazardous situation.

1. Clean the outside surfaces with a soft cloth and warm, soapy water. Rinse and dry.
2. Remove any splashes or stains on the inside surfaces or on the roller ring with a soapy cloth. Rinse and dry.
3. To loosen hardened food particles and remove smells, place a cup of diluted lemon juice on the turntable and heat for ten minutes at maximum power.
4. Wash the dishwasher-safe plate whenever necessary.

 **DO NOT** spill water in the vents. NEVER use any abrasive products or chemical solvents. Take particular care when cleaning the door seals to ensure that no particles:

- Accumulate
- Prevent the door from closing correctly

---

## Storing and Repairing Your Microwave Oven


---


*A few simple precautions should be taken when storing or having your microwave oven serviced.*

*The oven must not be used if the door or door seals are damaged:*


- *Broken hinge*
- *Deteriorated seals*
- *Distorted or bent oven casing*

*Only a qualified microwave service technician should perform repair*

-  **NEVER** remove the outer casing from the oven. If the oven is faulty and needs servicing or you are in doubt about its condition:
  - Unplug it from the wall socket
  - Contact the nearest after-sales service centre

 If you wish to store your oven away temporarily, choose a dry, dust-free place.

**Reason:** Dust and damp may adversely affect the working parts in the oven.

 This microwave oven is not intended for commercial use.

## Installation & Wiring Instructions

### IMPORTANT NOTE :

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse.

The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BS1363 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug.

Replacement covers are available from your Dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your Dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains socket, as there is a risk of shock hazard from the bared flexible cord.

## Wiring Instructions

### WARNING THIS APPLIANCE MUST BE EARTHED.

This appliance must be earthed. In the event of an electrical short circuit, earthing reduces the risk of electric shock providing an escape wire for the electric current. The appliance is equipped with a mains lead which includes an earth wire for connecting to the earth terminal of your mains plug. The plug must be plugged into a socket that is properly installed and earthed.

The wires in this mains lead are coloured in accordance with the following code:

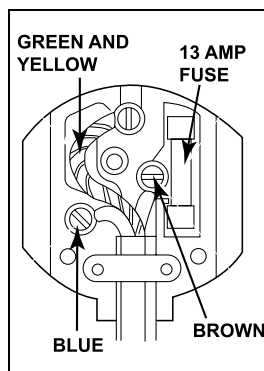
- Green-and yellow : Earth
- Blue : Neutral
- Brown : Live

- ◆ As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.
- ◆ Connect the green-and yellow wire to the terminal in the plug marked with the letter E or the earth symbol (⊥) or coloured green or green-and-yellow.
- ◆ Connect the blue wire to the terminal marked with the letter N or coloured black.

Consult a qualified electrician or service technician if in doubt about any of these instructions.

The manufacturer of this oven will not accept any liability for damage to persons or material for non observance of these requirements.

There are no user-serviceable parts inside the oven and if the mains lead of this appliance is damaged, it must only be replaced by qualified service personnel approved by the manufacturer because special tools are required.



### WARNING

Ensure that the plug and power cord are not damaged before use. If you have any reason to remove the moulded plug from this appliance, immediately remove the fuse and dispose of the plug. Do not connect the plug to a mains socket under any circumstances as there is a danger of electric shock.

### CIRCUITS

Your microwave oven should be operated on a separate circuit from other appliances. Failure to do this may cause the circuit breaker to trip, the fuse to blow, or the food to cook more slowly.

## Cooking Instructions On Food Packaging

EN

### Microwave Symbols

On the front of your oven there is a microwave oven symbol, as shown below. This symbol has been introduced for your benefit when cooking or reheating packaged food.



Packaged food is also, increasingly, using a microwave symbol similar to the one below.

When you see this



Symbol on food packaging, the cooking instructions are based on either the IEC Power Output Rating, or the Reheating Categories A, B, C, D or E.

## Cooking Instructions

The IEC Power Output rating is an internationally standardised rating, so all microwave manufacturers now use the same method of measuring power output. If food packaging gives cooking instructions based on IEC Power ratings, set cooking times according to the IEC Power of your oven.

For example :

If the cooking instructions are based on a 650W oven, then you will need to reduce some cooking time for the MW87L (850W)

Ready meals are now very convenient and popular. These are meals which are already prepared and cooked by the food manufacturer, and then frozen, chilled or vacuum sealed for long life.

Increasingly, heating times for such ready meals are being based on the Heating Categories A, B, C, D and E.

On this instance, simply match the heating category of your oven to the instructions on the food package, and set your timer accordingly.

For example :

If the heating instructions are 3 minutes on HIGH for a D category oven, then you will need to set your timer for less than 3 minutes on HIGH for the MW87L (E category).



Always remember that cooking instructions are intended only as a guide. If you have followed the instructions and the food is still not piping hot throughout, simply return it to the oven and cook it until it is.



## Technical Specifications

*SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.*

<b>Model</b>	<b>MW87L</b>
<b>Power source</b>	230V ~ 50 Hz
<b>Power consumption</b> Microwave	1250 W
<b>Output power</b>	100 W / 850 W (IEC-705) <ul style="list-style-type: none"><li>• 240V : 850W</li><li>• 230V : 800W</li></ul>
<b>Operating frequency</b>	2450 MHz
<b>Magnetron</b>	OM75P(31)
<b>Cooling method</b>	Cooling fan motor
<b>Dimensions (W x H x D)</b> Outside Oven cavity	489 x 275 x 398 mm 330 x 211 x 329 mm
<b>Volume</b>	23 liter
<b>Weight</b> Net	13.5 kg approx

## Note

EN

English



**Correct Disposal of This Product**  
**(Waste Electrical & Electronic Equipment)**

*(Applicable in the European Union and other European countries with separate collection systems)*

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

|

•

•

•

—  
•  
—  
•  
—  
•  
—



ELECTRONICS

**If you have any questions or comments relating to Samsung products,  
please contact the SAMSUNG customer care center.**

Tel : 0870 SAMSUNG (7267864) (United Kingdom)

Tel : 0818 717 100 (Republic of Ireland)

[www.samsung.com/uk](http://www.samsung.com/uk)