

# MICROWAVE OVEN

## USER'S MANUAL

**PHILCO**



*Famous for Quality the World Over*

**PMD 2010S**

**Dear customer,**  
**Thank you for buying a PHILCO brand product. So that your appliance serves you well, please read all the instructions in this user's manual.**

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# PART 1: SAFETY PRECAUTIONS

## Recommendation:

Carefully read these instructions before installing and operating this microwave oven.

Write down the serial number found on the rating label of the oven in the space below. It is essential that you store this user's manual in a safe place so that you can use it in the future. If you intend to sell the appliance, give it to another owner, or if you move, always make sure that the user's manual is attached to the appliance, so that the new owner can find out about the operation of the appliance and the relevant warnings.

## SERIAL NUMBER:

1. Under no circumstances should you start the microwave oven with the door open as you could expose yourself to the effects of dangerous microwave energy radiation. It is important that you do not damage or modify the safety locks on the microwave oven door.
2. Do not block the front part of the microwave oven and the door with any object and make sure that dirt or remains of detergent do not accumulate on the oven seals.
3. Do not use the microwave oven if it is damaged. It is especially important that the door is properly shut and also inspect the following for damage:
  - a. door (that it is not bent);
  - b. door hinges and locks (damaged or loose);
  - c. door seals and other seals.

The microwave oven may only be adjusted or repaired by an authorised service technician.

## Important safety instructions

Adhere to all basic safety measures when using electrical appliances, including the following.



### **WARNING!**

***Adhere to the directives below to avoid the dangers of burns, injury by electrical shock, fire hazards, injuries or explosion caused by large amounts of microwave energy.***

- This appliance may not be used by any persons (including children) with mental disabilities, weak strength or by inexperienced persons, unless they have been properly trained or schooled in the safe use of the product, or unless they are properly supervised by a qualified person who is responsible for their safety. Children must be supervised to ensure that they do not play with the product.

**WARNING!**

**To limit the risk of a fire hazard, electric shock, injury or exposure to excessive amounts of microwave energy:**

- Before using this appliance read all the instructions.
- Only use the appliance for the purposes for which it was designed and in the manner described in this user's manual. This oven is designed only to heat, cook or dry food. It is not designed for industrial or laboratory purposes. Do not use caustic chemicals on this appliance.
- Do not attempt to use the microwave oven with the door open. You could expose yourself to the effect of microwaves. Do not run the microwave oven when it is empty.
- Do not use this oven if the power cord or power plug is damaged, if it is not working correctly, if it is damaged or if it has been dropped on the floor. Any repair of the microwave oven or replacement of a damaged power cord may only be carried out by an authorised service centre or another similarly qualified person, as this will prevent causing a dangerous situation.
- **WARNING:** If the door or the door seal is damaged then the oven must not be used until repaired by an authorised service centre or qualified person.
- **WARNING:** It is dangerous for anybody other than an authorised service centre or qualified person to carry out any repairs or maintenance whatsoever that leads to the removal of any cover providing protection from microwave energy radiation.
- **WARNING:** The use of the oven by unsupervised children is only permitted when sufficient instructions were given, so that the child is able to use the oven in a safe manner and understands the danger resulting from incorrect use.
- To limit the risk of a fire hazard inside the oven, use only kitchen dishes suitable for use in microwave ovens. When heating meal in plastic or paper dishes, regularly check the oven to prevent it catching on fire.
- If you notice smoke, turn off the appliance and disconnect the power plug from the socket. Leave the oven door closed to prevent potential fire from spreading.
- If you are not using the oven do not leave paper materials, kitchen dishes or food inside.
- **WARNING:** Liquids or other meals must not be heated in closed containers, because they could explode.
- Heating of beverages in the microwave may cause a delayed boil and so you should be careful when handling containers and dishes.
- Do not fry food in the microwave oven. Hot oil may damage parts of the oven, dishes or may also cause skin burns.
- Eggs in their shells and whole hard boiled eggs must not be heated in the microwave oven because they could explode.
- Before cooking prick food with a thick peel, such as potatoes, pumpkins, apples and chestnuts.
- The content of baby bottles and baby food needs to be mixed or shaken before being served to the infant and the temperature needs to be checked to prevent burns.
- Kitchen dishes may become hot as a result of the heat transferred from the heated food. Sometimes it may be necessary to use protective gloves.
- **IMPORTANT** - kitchen dishes and utensils, which must not be used in the microwave oven:
  - metal pans and crockery with metal handles or with metal decorations;
  - clamps on plastic bags;
  - dishes with melamine surface treatment;
  - standard thermometers, which are used for measuring the temperature of meat etc.

## Radio wave interference

The use of the oven may cause interference to a radio, television or similar receivers.

If interference occurs, it may be limited by the following measures:

1. keeping the door and the surface of the oven seals clean;
2. redirecting the radio or television signal reception antenna;
3. moving the microwave oven further away from the receiver;
4. connecting the microwave oven to a different power socket so that the microwave oven and the receiver do not share the same circuit.

## Grounding instructions

This microwave oven must be grounded. The microwave oven is equipped with a power cord, which has a ground wire with a grounding power plug. The power plug must be connected to a mains socket outlet that is correctly installed and grounded. This reduces the risk of injury by electric shock if a short circuit occurs – in such a case the electric current goes through the earthing wire. We recommend that the microwave oven be connected to an independent electrical circuit. The use of high voltage is dangerous and may lead to a fire or another accident that can damage the microwave oven.



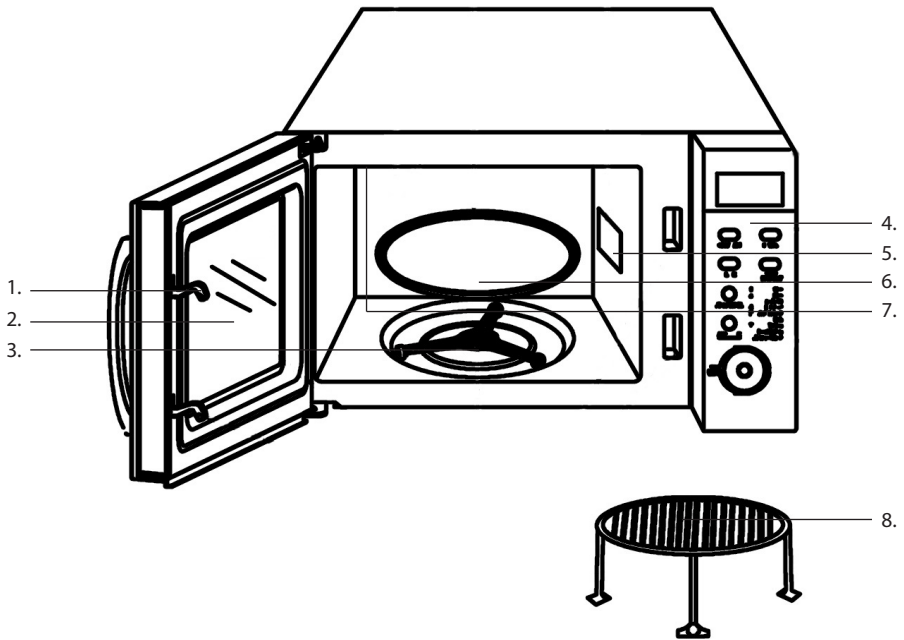
**WARNING!**

***An incorrectly grounded power socket may present a danger of electric shock.***

**NOTE:**

1. ***If you are uncertain about the grounding of your mains power socket, contact an authorised service centre or a qualified electrician.***
2. ***Neither the manufacturer nor the vendor is responsible for damages to property and health if the microwave oven is connected incorrectly and not in accordance with the presented recommendations.***

## PART 2: PRODUCT DESCRIPTION



1. Safety door lock
2. Microwave oven window
3. Rotating ring
4. Control panel

5. Waveguide
6. Rotating glass plate
7. Heating element
8. Metal rack

## PART 3: INSTALLATION

1. Make sure that you have removed all packaging materials and advertising labels from inside the appliance.
2. **WARNING:** Check that the microwave oven is not damaged and that the door and the locks fit well, that the seal is not damaged, that the hinges and locks are not destroyed or loosened and that the inside area is in order. If you discover any damage, please contact an authorised service centre.
3. This microwave oven must be placed on an even, stable surface, that can bear its weight even with the food inserted.
4. Do not install the oven in the vicinity of heat sources, moisture or high humidity, or near flammable materials.
5. For proper operation of the microwave oven it is necessary to provide sufficient air ventilation. Allow free space of 20 cm above the top surface of the oven, 10 cm from behind and 5 cm on the sides. Do not cover or block the openings in the appliance. Do not remove the feet of the microwave oven.
6. Do not use the microwave oven without the glass turning plate, drive assembly and the rotating ring installed.
7. Make sure that the power cord is not damaged and is not lead under the oven or over a hot or sharp surface.
8. The power socket must be freely accessible so that you can disconnect the microwave oven at any time if necessary.
9. Do not use the microwave oven outdoors.
10. **The appliance is designed to be used in free space, it is not designed to be built-in.**



## PART 4: THE BASICS OF COOKING IN A MICROWAVE OVEN

1. Carefully organise the food. Place the largest food pieces towards the centre of the plate.
2. Set the correct cooking time. Use short time periods for cooking, if necessary extend them. When cooking food at high temperatures smoke may be created or a fire may start.
3. Cover food when heating or cooking it. Covering the food will prevent juices from squirting and will help to achieve even heating/cooking.
4. To speed up the heating/cooking of food, such as chickens or hamburgers, turn them over once during heating/cooking. Large pieces of food such as roasts must be turned over at least once.
5. Meals with sauces need to be stirred in the centre so that the sauce is heated evenly.

### Guide to kitchen dishes

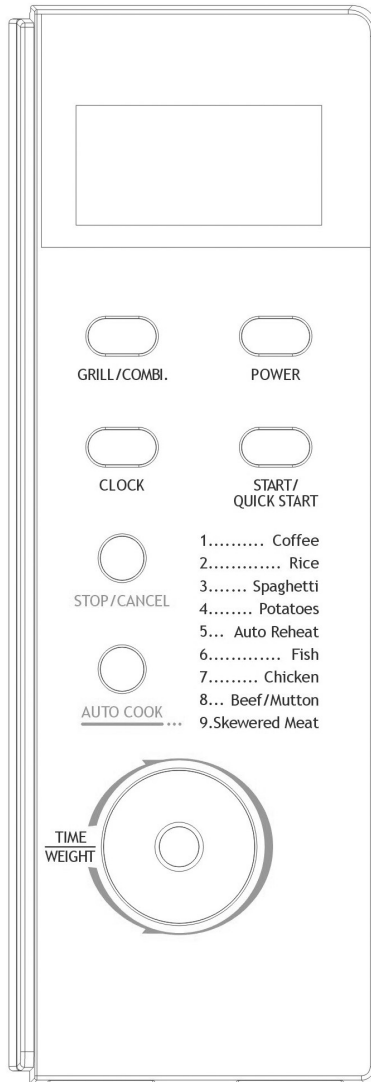
1. The ideal type of dish for cooking in the microwave oven is a transparent container, which permits the penetration of microwaves inside for the heating of food.
2. Microwaves do not travel through metal and so metal dishes or bowls with metal rims are not suitable for use in a microwave oven.
3. Do not use recycled paper products that may contain small metal particles for cooking in the microwave.
4. Round/oval containers are better than square/rectangular containers as food in the corners may overcook.
5. You should use containers suitable for microwave ovens only in accordance with the instructions of the manufacturer.

**This table will help you select the right type of dishes.**

Dishes	Microwaves	Grill	Combination
Heat resistant glass	Yes	Yes	Yes
Normal glass	No	No	No
Heat resistant ceramics	Yes	Yes	Yes
Plastic containers for microwave cooking	Yes	No	No
Kitchen paper	Yes	No	No
Metal platter/plate	No	Yes	No
Metal stand	No	Yes	No
Aluminium foil and containers from foil	No	Yes	No

# PART 5: CONTROL PANEL

## Control panel



**Display**

- The display shows the cooking time, the set power level, cooking indicators and a clock.

**Grill/Combi Button**

- Repeatedly press this button to enter the grill mode or one of the two preset combination cooking modes.

**Power Button (setting power)**

- Repeatedly press this button to set the power level of the microwave oven – see table on page 10.

**Clock Button**

- Press this button to enter the clock setting mode or to end the clock setting mode.

**Start/Quick Start Button**

- Press this button to start the set cooking program.
- Repeatedly press this button to quickly start cooking at maximum power without setting the power and the time.

**Stop/Cancel Button**

- Press this button to cancel a setting or to reset the microwave oven before setting a cooking program.
- Press this button once to pause the cooking process or twice to cancel the entire cooking program.
- This button is used to set the child lock.

**Auto Cook Button (automatic cooking)**

- Press this button to set automatic cooking of your favourite food.

**Time/Weight Dial**

- Turn the dial to enter the hours or the heating time.
- Turn the dial to set the weight or the number of portions.

# PART 6: OPERATING INSTRUCTIONS FOR THE MICROWAVE OVEN

A sound is made every time a button is pressed.

## Setting the digital clock

Press the **CLOCK** button once or twice to set the clock in the 12 or 24 hour mode.

Example: If you wish to set 8:30.

1. Press the **CLOCK** button once or twice.
2. Turn the **TIME/WEIGHT** dial to set the hours – 8:00.
3. Press the **CLOCK** button.
4. Turn the **TIME/WEIGHT** dial to set the minutes – 08:30.
5. Press the **CLOCK** button to confirm.
6. You can check the clock while cooking by pressing the **CLOCK** button.

## Cooking using a microwave

To program microwave cooking first repeatedly press the Power button and select the power level. Then set the cooking time using the **TIME/WEIGHT** dial. Longest time is 60 minutes.

**Example:** You wish to cook for 1 minute at a 60% power level.

1. Press the **POWER** button 3 times.

Number of times the button is pressed	Power
Once	100%
Twice	80%
Three times	60%
Four times	40%
Five times	20%
Six times	0%

2. Using the **TIME/WEIGHT** dial set 1:00.
3. Press the **START /QUICK START** button.

## Grill/Combination

The **grill/Combination** has **3 cooking modes**: grill, combination 1 and combination 2. Toggle through the modes by repeatedly pressing the **GRILL/COMBI** button. Longest time that can be set is 60 minutes.

- **Grill** is especially suitable for thin pieces of meat, steaks, schnitzels, kebabs, sausages or chicken pieces. This function is also suitable for toasting sandwiches and roasting meals.
- **Combination 1**: Microwave 30% of the heating time and 70% grill of the heating time. This function is suitable for preparing fish, potatoes and baked foods.
- **Combination 2**: Microwave 55 % of the heating time and 45 % grill of the heating time. This function is suitable for omelettes, baked potatoes and poultry.

**Example:** You wish to set the **Combination 1** mode for a time of 25 minutes.

1. Press the **GRILL/COMBI** button twice.
2. Using the **TIME/WEIGHT** dial set 25:00.
3. Press the **START /QUICK START** button.

## Automatic defrosting

You will be able to defrost meat, poultry or seafood in the microwave oven. The defrosting time and power level is set automatically as soon as you set the food weight. The weight range of frozen food is from 100g to 1800g.

**Example:** You want to defrost 600 g of prawns.

1. Insert prawns in a bowl into the microwave oven.
2. Using the **TIME/WEIGHT** dial set the weight to 600g.
3. Press the **START /QUICK START** button.

**NOTE:**

*In the middle of the defrosting time a sound is made reminding you that it is necessary to turn the prawns (food) over. Then press the Start button to end the defrosting process.*

## Quick Start (Quick Start)

This function makes it possible to start the microwave oven at the maximum power level.

Repeatedly press the **START/QUICK START** button and set the cooking time. The microwave oven will automatically start at the maximum power level.

## Child Safety Lock

To prevent the microwave oven from being accidentally turned on by small children it is possible to set a child lock function. The lock indicator will appear on the screen and it will not be possible to operate the microwave oven.

- Turning on: Press and hold the **STOP/CANCEL** button for approximately 3 seconds. A sound is made and the child lock indicator lights up.
- Turning off: Press and hold the **STOP/CANCEL** button for approximately 3 seconds, until the indicator turns off.

## Automatic cooking

Some foods or meals are already programmed into the microwave oven's memory. It is possible to select the type of food or meal, which you wish to prepare and its weight.

For some programs it is necessary to turn the food or meal over or to stir it. A sound is made indicating that it is necessary to open the door and check on the heating process. Be very careful when handling hot food or meals. To continue with the heating process, close the door of the microwave oven and press the **START/QUICK START** button. The microwave oven will complete the cooking process for the food or meal in the remaining time.

**Example:** You want to cook a 400g fish.

1. Press the **AUTO COOK** button 6 times.
2. Using the **TIME/WEIGHT** dial set the weight to 400 g.
3. Press the **START /QUICK START** button.

### Automatic cooking menu

Code	Food / cooking mode	
1	Milk / coffee (200ml/cup)	<ol style="list-style-type: none"><li>1. Using the <b>TIME/WEIGHT</b> dial set the weight of the food.</li><li>2. The results of the automatic cooking process depend on the shape and size of the meal and your personal preferences. If you are not satisfied with the results of the automatic cooking mode, set the power level and cooking time manually.</li><li>3. * Add water before heating/cooking.</li></ol>
2	Rice (g)	
3	Spaghetti (g)*	
4	Potatoes (every 230g)	
5	Automatic Reheat (g)	
6	Fish (g)	
7	Chicken (g)	
8	Beef/Mutton (g)	
9	Skewered Meat (g)	

## PART 7: MAINTENANCE AND CLEANING

1. Turn off the microwave oven and disconnect from the power socket before performing regular or exceptional maintenance.
2. Keep the inside area clean. If the walls of the microwave oven are splattered with food juices then wipe them away using a damp cloth. If the microwave oven is heavily soiled, you can use a weak solution of a neutral cleaning agent. Do not use cleaning agents in a spray or other coarse agents as they could scratch, damage or degrade the surface of the microwave oven.
3. Wipe the exterior surface with a damp cloth. To prevent damaging the operating parts of the oven, make sure that water does not enter the ventilation openings.
4. Regularly clean both sides of the door and window, door seal and other parts using a damp cloth so as to remove drops or food remains. Do not use cleaning agents causing abrasion.
5. Do not expose the control panel to moisture. Clean it using a fine damp cloth. Leave the door open when cleaning the control panel so as not to accidentally start the oven.
6. If the inside of the oven or around the door fogs up with steam from food, wipe it off with a clean dry wiping cloth. This condition may arise if the oven is installed in a humid environment. This is a normal event.
7. Regularly clean the glass plate. You can clean the plate in warm water or in a dishwasher.
8. The rotating ring and the under side of the inside area of the oven should be regularly cleaned to prevent excessive noise. Simply clean out the under side of the inside area of the oven using a weak neutral detergent solution. You may wash the rotating ring in a weak neutral cleaning agent solution or in a dishwasher. Do not forget to correctly return the rotating ring back into the microwave oven after taking it out.
9. To remove unpleasant odours from the oven place a glass (check that it is suitable for use in a microwave oven) of water with juice and peel from one lemon into the microwave oven and allow it to cook in the microwave mode for 5 minutes. Thoroughly wipe out the inside area of the oven until dry with a fine cloth.
10. If the interior light needs to be replaced, please contact an authorised service centre.
11. Regularly clean the oven and remove food remains. Otherwise, the surface of the oven may be damaged or its lifetime may be reduced or there may be a risk of a hazardous situation arising.

## PART 8: BEFORE YOU CALL THE SERVICE CENTRE

If the oven is not working properly:

1. Check that the microwave oven is correctly connected to the power socket. If not, take the power plug out of the power socket, wait 10 seconds and then reinsert it.
2. Check whether a fuse has burned or a circuit breaker has been disconnected. If everything appears to be in order, try a different appliance in the same power socket.
3. Check that you have set the proper values on the control panel.
4. Check that the door is properly closed and that the door safety system is working properly. Otherwise microwaves will not be produced in the oven.



**WARNING!**

**IF THE ABOVE MENTIONED STEPS DO NOT HELP, CONTACT AN AUTHORISED SERVICE CENTRE. DO NOT ATTEMPT TO MODIFY OR REPAIR THE MICROWAVE OVEN YOURSELF.**

## PART 9: TECHNICAL SPECIFICATIONS

Nominal voltage range	230 V
Nominal frequency	50 Hz
Rated power input	1200 W (Microwave) 900W (Grill)
Microwave power output	700 W
Operating frequency	2 450 MHz
Noise level	58 dB (A)
Diameter of the turning tray	245 mm
Volume	20 l
External dimensions (h x w x d) cm	262 x 452 x 360 mm

**NOTE:**

**All the here mentioned data is subject to change.**



## INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

### DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

#### **For business entities in the European Union**

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

#### **Disposal in other countries outside the European Union**

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.





