



# Swan Retro

designed for life

## Microwave

Model: SM22070 (all colours)

Help line: 01733 404703





# IMPORTANT SAFEGUARDS

## Installation

1. 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.
2. Microwave ovens must be placed under dry and non-corrosive environments, kept away from heat and humidity, such as gas burner or water tank.
3. To ensure sufficient ventilation, the distance of the back of microwave to the wall should be at least 10 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 to the ground should be at least 85 cm.
4. 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.
5. The appliance must be positioned so that the plug is accessible, and must ensure a good earth connection
6. The microwave oven must be operated with the door closed.
7. The microwave oven must not be placed in a cabinet. The microwave oven is intended to be used freestanding.
8. The back of the oven must be placed against a wall.

### The following basic precautions should always be followed when using electrical appliances:

1. Read all instructions before using .
2. Make sure the voltage in your living area corresponds to the one shown on the rating label of the appliance . And the wall socket is properly earthed.
3. To reduce the risk of fire in the oven cavity :
  - Do not overcook the food .
  - Remove wire twist -ties from paper or plastic bags before placing bags in the oven .
  - Do not heat oil or fat for deep drying as the temperature of oil cannot be controlled .
  - 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 .
  - If materials inside the oven should smoke or ignite , keep oven door closed, turn oven off and disconnect the power supply.
  - Close supervision is necessary when using disposable containers made from plastic, paper or other combustible material .
4. To reduce the risk of explosion and sudden boiling:



## IMPORTANT SAFEGUARDS

- Do not place sealed containers in the oven . Baby bottles fitted with a screw cap or teat are considered to be sealed containers .
  - When boiling liquid in the oven, use a wide-mouthed container and stand about 20 seconds at the end of cooking to avoid delayed eruption boiling of liquids .
  - Potatoes, sausage and chestnuts should be peeled or pierced before cooking. Eggs in their shell, whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
  - The cooked liquid should not be removed immediately. Wait several moments before removing in order to avoid possible hazards caused by delayed eruption boiling of liquids.
  - The contents of feeding bottles and baby food jars should be stirred or shaken and the temperature should be checked before consumption, in order to avoid burns .
5. Don't operate the oven further if the door or door seal is damaged, or if the oven is malfunctioning, or supply cord is damaged . Return the appliance to the nearest authorised service center for repair and maintenance . Never try to adjust or repair the oven yourself .
6. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a qualified technician in order to avoid a shock hazard .
7. After cooking, the container could be very hot . Use gloves to take out the food and avoid steam burns by directing steam away from the face and hands .
8. Slowly lift the furthest edges of dish cover and microwave plastic wraps and carefully open popcorn and oven cooking bags away from the face.
9. To prevent the turntable from breaking:
- Let the turntable cool down before cleaning.
  - Do not place hot foods or utensils on the cold turntable .
  - Do not place frozen foods or utensils on the hot turntable .
10. Make sure the utensils do not touch the interior walls during cooking .
11. Failure to maintain the oven in a clean condition could lead to a deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.
12. Only use utensils that are suitable for use in microwave ovens.
13. Do not store food or any other things inside the oven .
14. Do not operate the oven without any liquid or food inside the oven . This would damage the oven.
15. This appliance is not intended for using by young children or infirm persons without supervision .



## IMPORTANT SAFEGUARDS

- 16 . When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated .
17. Any accessories not recommended by the manufacturer may cause injuries to persons.
18. Do not use outdoors.
19. Save these instructions.
20. **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
21. **WARNING:** Liquids and other foods must not be heated sealed container since they are liable to explode
22. **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
23. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition
24. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames
- 25 . 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
26. **WARNING:** Accessible parts may become hot during use . Young children should be kept away .
27. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass .
28. 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 .
- 29 . Children should be supervised to ensure that they do not play with the appliance .
- 30 . The appliance is not intended to be operated by means of an external timer or separate remote -control system
31. 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 environments;
  - bed and breakfast type environments.
32. The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers,





## IMPORTANT SAFEGUARDS

sponges, damp cloth and similar may lead to risk of injury, ignition or fire.

33. 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 unless they are older than 8 and supervised. Keep the appliance and its cord out of reach of children less than 8 years. Cleaning and user maintenance shall not be made by children without supervision.

34. The door or the outer surface may get hot when the appliance is operating.

**Household use only**



## SPECIFICATIONS

Capacity: 25L,

Output: 900 Watts

Input voltage: 220-240V ~ 50Hz

Input power: 1400 Watts

Microwave frequency: 2450MHz



# WARNING

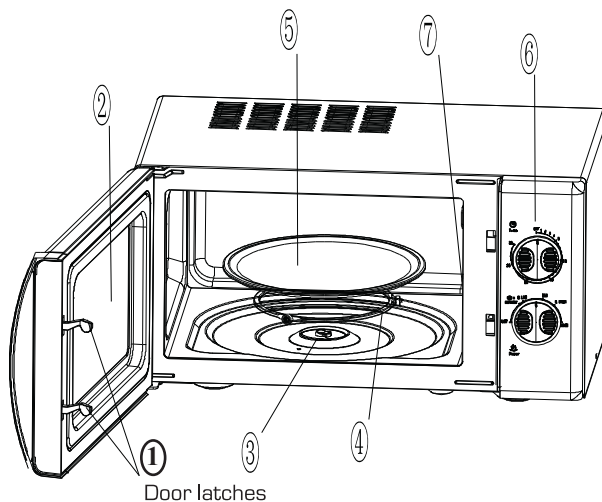
## HOT SURFACES



# GET TO KNOW YOUR MICROWAVE

## UTENSILS GUIDELINE

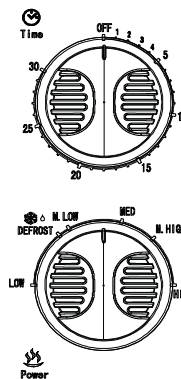
It is strongly recommended to use containers which are suitable and safe for microwave cooking. Generally speaking, the containers which are made of heat-resistant ceramic, glass or plastic are suitable for microwave cooking. **Never use metal containers** for microwave cooking and combination cooking as sparks are likely to occur.



## WARNING

- Do not remove the Waveguide cover [7] during cleaning
- Make sure the Waveguide cover [7] is properly in place during cooking

### Control Panel (6)



- Door latches.** Door must be closed before microwave will operate
- Viewing window.** So you can monitor cooking progress
- Rotating axis.** The glass turntable sits on the axis; the motor underneath it drives the turntable to rotate
- Rotating ring.** The glass turntable sits on its wheels; it supports the turntable and helps it to balance when rotating
- Turntable.** The food sits on the turntable, its rotation during operation helps to cook food evenly. Place the rotating ring first, and then fit the turntable onto the rotating axis and make sure that it is geared in properly
- Control panel.** See diagram on the left
- Waveguide cover**





# HOW TO USE YOUR MICROWAVE

## TIMER CONTROL

The max cooking time length that can be set is 30 minutes. Each setting is 1 minute. A bell ring will sound when the timer times out and returns to zero position

## FUNCTION / POWER CONTROL

There are 6 power levels:

HIGH	100% power	Quick
M.HIGH	85% power	Normal
MED	66% power	Slow
M.LOW	40% power	Drinks or soup
DEFROST	37% power	Defrost
LOW	17% power	Keep warm

Guidelines for defrost times:

	WEIGHT RANGE	DEFROST LENGTH
Meat	0.1 - 1.0 kg	1:30 - 26:00
Poultry	0.2 - 1.0kg	2:30 - 22:00
Seafood	0.1 - 0.9kg	1:30 - 14:00

## OPERATION

1. Before connecting the cord, make sure the timer is set to "0" position. Connect the cord
2. Do not block the ventilation
3. Place the food on the glass turntable and close the door. Food must be contained in a container or on a plate
4. Select the desired power level
5. Set the timer. If desired time is less than 10 minutes, turn the timer knob to over 10 minutes position and then turn back to the desired time setting.
6. Once the desired time is set, the cooking begins. If pausing in between is needed, just open the door at any time, and close it to resume operation
7. When it times out and cooking ends, the microwave oven produces a bell ring, the inside lamp will also turn off
8. If food is removed before time out, make sure to set back the timer to "0" position, this avoids the microwave oven from operating with empty oven
9. ALWAYS WIPE THE INSIDE OF THE MICROWAVE WITH KITCHEN TOWEL OR CLOTH AFTER EVERY USE. PLEASE ENSURE THE OVEN IS BOTH CLEAN AND DRY. NOT DOING THIS CAN CAUSE BUILD-UP OF BACTERIA AND LONG TERM CORROSION OF OVEN PARTS





# HOW TO USE YOUR MICROWAVE

## CAUTION

- The max time which can be set is 30minutes.
- Never operate the oven empty.
- If you need to turn the food during operation, open the door, re-position the food and close the door again. The cooking procedure will continue.
- If you intend to remove the food before the preset time, you must turn the timer back to 0 position so the oven will not switch back on when you close the door
- Usually defrosting will need longer time than that of cooking the food.
- If the food can be cut by a knife, the defrosting process can be considered completed.
- Microwavee penetrate around 4cm into most food
- Defrosted food should be consumed as soon as possible, it is not advised to put back in the freezer again.

## Cooking Tips

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





# HOW TO USE YOUR MICROWAVE

## **Allow standing time**

After cooking time ends, leave the food in the oven for an adequate length of time, this allows it to complete its cooking cycle and cools 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



# HOW TO USE YOUR MICROWAVE

## GENERAL GUIDE TO CORRECT UTENSILS

COOKWARE	MICROWAVE
Heat resistant glass	Yes
Non heat-resistant glass	No
Heat-resistant ceramic	Yes
Microwave-safe plastic dish	Yes
Kitchen paper	Yes
Metal tray	No
Metal rack	No
Aluminium foil & foil containers	No

## SPARES

If you lose or break anything and need a spare part for your microwave, use the following references:

SM22070-001 Rotating axis (3)

SM22070-002 Rotating ring (4)

SM22070-003 Turntable (5)

**Call: 01703 404703 for spares**





## CLEANING & MAINTENANCE

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

### **CAUTION**

1. 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
2. Remove the power cord from the wall outlet before cleaning. Don't immerse the appliance in water or other fluids when cleaning.
3. 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
4. The oven should be cleaned regularly and any food deposits removed
5. Details for cleaning door seals, cavities and adjacent parts.
6. Never use hard detergent, gasoline, abrasive powder or metal brush to clean any part of the appliance
7. Do not remove the waveguide cover
8. 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: a. Place several lemon slices in a cup, then heat with high power for 2-3 min. b. Place a cup of red tea in oven, then heat with high power. c. Put some orange peel into oven, and then heat them with high power for 1 minute.

Wipe exterior parts with a dampened soft cloth

Wipe clean the interior surfaces with a dampened soft cloth

Wipe clean the waveguide cover to remove any food splashed on it

Turntable / Rotation ring / Rotation axis:

Wash with mild soapy water. Rinse with clean water and allow drying thoroughly. Glass turntable is OK to put in the dishwasher



## SERVICING

Please check the following before calling for service:

- 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.
- Does the oven lamp light?
- Does the cooling fan work? (Put your hand over the rear ventilation openings.)
- Does the turntable rotate? (The turntable can rotate Clockwise or counter Clockwise. This is quite normal.)
- 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 SERVICE on **01733 404703**

### **WARNING**

If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person; It is hazardous for anyone, other than a qualified service technician, to carry out any service for repairing operation which involves removal of any cover which gives protection against exposure to microwave energy.

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



## SERVICING SAFEGUARDS

### WARNING

#### **MICROWAVE RADIATION!**

It is hazardous for anyone, other than a qualified service technician, to carry out any service for repairing operation which involves removal of any cover which gives protection against exposure to microwave energy. The temperature of accessible surfaces may be high when the appliance is operating

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.

During servicing below listed parts are liable to be removed and give access to potentials above 250V to earth.

1. Magnetron
2. High voltage transformer
3. High voltage capacitor
4. High voltage diode
5. High voltage fuse

**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.



## WEEE Directive



### Disposal of Unit

Disposal instructions for Swan items in accordance with the WEEE directive. Appliances bearing the symbol shown here may not be disposed of in domestic rubbish. You are required to dispose of old electrical and electronic appliances like this separately. Please visit [www.recyclenow.co.uk](http://www.recyclenow.co.uk) or [www.recyclenow.co.uk](http://www.recyclenow.co.uk) for access to information about the recycling of electrical items. The WEEE directive, introduced in August 2006, states that all electrical items must be recycled, rather than taken to landfill. Please arrange to take this appliance to your local Civic Amenity site for recycling, once it has reached the end of its life.



## Warranty

This product is guaranteed for 2 years from the date of original purchase. If any defect arises due to faulty materials or workmanship the faulty products must be returned to the place of purchase. Refunds or replacement is at the discretion of the store.

### The following conditions apply:

The product must be returned to the retailer with proof of purchase. The product must be installed and used in accordance with the instructions contained in this instruction guide. It must be used only for domestic purposes. It does not cover wear and tear, damage, misuse or consumable parts. Swan Products Ltd has limited liability for incidental or consequential loss or damage. This guarantee is valid in the UK and Eire Only.



## BS Plug Wiring

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

BLUE	NEUTRAL
BROWN	LIVE
GREEN/YELLOW	EARTH

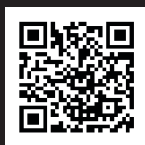
As the colours of the wire in the mains lead of this appliance may not correspond with the colour markings identifying the terminals on your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured red. The wire which is coloured GREEN/YELLOW must be connected to the terminal which is marked with the letter E or (earth symbol) and is coloured GREEN or GREEN/YELLOW.

**WARNING: THIS APPLIANCE MUST BE EARTHED**



[www.swan-brand.co.uk](http://www.swan-brand.co.uk)



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to hear about  
our story



We love  
what we do



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of our quality



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