

TOWER®

BUILT FOR BETTER SINCE 1912

MODEL: T24042BLK

800W
20L MICROWAVE



USER MANUAL



GREAT BRITISH DESIGN, INNOVATION AND EXCELLENCE

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THIS BOX CONTAINS

- Instruction Manual
- Microwave Oven
- Roller Ring
- Glass Turntable



SPECIFICATIONS

RATED VOLTAGE	220-240V~
FREQUENCY	50Hz
POWER CONSUMPTION	1150-1280W
OUTPUT POWER	800W
MICROWAVE FREQUENCY	2450MHz
CAPACITY	20 Litre
TIME RANGE	up to 30 minutes
DIMENSIONS (MM)	H: 258 x W: 451 x D: 339mm
WEIGHT	10.5Kg

IMPORTANT SAFETY INFORMATION

Please read these safety **NOTES** carefully **BEFORE** using your Tower appliance.

These warnings have been provided in the interest of safety. Basic safety precautions should always be followed including the following:

KEY SAFETY POINTS

CAUTION:

During operation:

- **DO NOT** operate the microwave with the door open, due to the safety interlocks built into the door mechanism. It is important not to tamper with the safety interlocks (safety interlocks automatically switch off any cooking activity when the door is opened). This could result in harmful exposure to excessive microwave energy.
- **DO NOT** operate the microwave if it is damaged. It is particularly important that the microwave door closes properly and that

there is no damage to its door hinges, latches, door seals and sealing surfaces.

- **DO NOT** operate the microwave when empty. It is best to leave a glass of water in the microwave when not in use. The water will safely absorb all microwave energy if the microwave is accidentally started.
- 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.
- **DO NOT** attempt deep fat frying in your microwave. This could result in a sudden boil over of hot liquid.
- If smoke is observed, switch off or disconnect the microwave from the power supply and keep the microwave door closed in

IMPORTANT SAFETY INFORMATION

order to stifle any flames. It can cause serious damage, such as fire or electric shock.

- Improper use could result in damage to the microwave.
- **DO NOT** use wooden containers and ceramic containers that have metallic (e.g. gold or silver) inlays. Always remove metal twist ties. Check that the utensils are suitable for use in the microwave before use. They may heat up and char. Metal objects in particular may arc in the microwave, which can cause serious damage.

GENERAL SAFETY

- Check that the voltage of the main circuit corresponds with the rating of the appliance before operating.
- Close supervision is necessary when any appliance is used by or near children.

- Children should 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.
- Cleaning and user maintenance should not be undertaken by children without supervision.
- Take care when any appliance is used near pets.
- **DO NOT** use this product for anything other than its intended use.
- This appliance is for household use only.

IMPORTANT SAFETY INFORMATION

- 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 & breakfast type environments.

WHILST MICROWAVING

- Please ensure cooking times are correctly set. Small amounts of food require shorter cooking or heating time. Over cooking may result in the food catching on fire and subsequent damage to the microwave. When heating liquids, e.g. soups, sauces and beverages in your microwave, avoid using straight sided containers with narrow necks. Stir the

liquid before placing the container in the microwave and again halfway through the heating time. After heating, let it stand, stir or shake it again carefully and check the temperature of it before consuming to avoid burns (this is especially important when heating up the contents of feeding bottles and baby food jars).

- An exhaust outlet is located on the top, bottom or side of the microwave. Don't block the outlet. It could result in damage to your microwave and poor cooking results.
- **DO NOT** place any object (such as kitchen towels, napkins, etc.) between the microwave front face and the door, or allow food or cleaner residue to accumulate on sealing surfaces.
- **DO NOT** rinse the glass turntable by placing it in water just after cooking. This may cause breakage or damage.

IMPORTANT SAFETY INFORMATION

- Before cooking pierce the skin of potatoes, apples or any such fruit or vegetables. They could burst.
- **DO NOT** cook eggs in their shell. Eggs in their shell and whole hard-boiled eggs should not be heated in the microwave since they may explode, even after microwave heating has ended. Pressure will build up inside the egg which will burst.
- When food is heated or cooked in disposable containers made of plastic, paper or other combustible materials, keep an eye on the microwave and check it frequently.
- The microwave should be cleaned regularly and any food deposits should be removed. Failure to maintain the microwave in a clean condition could lead to deterioration of the surface. This could adversely affect the life of the appliance and possibly result in a hazardous situation.
- Follow exact directions given by each manufacturer for their popcorn product. **DO NOT** leave the oven unattended while corn is being popped. If corn fails to pop after the suggested times, discontinue cooking. Never use a brown paper bag for popping corn. Never attempt to pop leftover kernels. Overcooking could result in the corn catching fire.
- **DO NOT** use harsh abrasives cleaners or sharp metal scrapers to clean the microwave door glass. They can scratch the surface, which may result in the glass shattering.
- After cooking, the container is very hot. Use gloves to take out the food and avoid steam burns by directing steam away from the face and hands.

IMPORTANT SAFETY INFORMATION

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

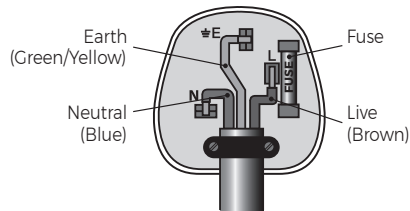
PLUG AND CORD

- If the supply cord or appliance is damaged, stop using the appliance immediately and seek advice from the manufacturer, its service agent or a similarly qualified person.
- DO NOT** let the cord hang over the edge of a table or counter, or let it come into contact with any hot surfaces.
- DO NOT** carry the appliance by the power cord.
- DO NOT** use any extension cord with this appliance.
- DO NOT** pull the plug out by the cord as this may damage the plug and/or the cable. Switch off at the wall socket then remove the plug from the socket when not in use or before cleaning.

It is important that this instruction manual is retained for future reference.

If the appliance is given to someone else, it should always be accompanied by these operating instructions, as they form an integral part of the appliance.

WIRING SAFETY FOR UK USE ONLY



IMPORTANT: As the colours in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, please proceed as follows:

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

Blue neutral [N] Brown live [L] Green/ Yellow [EARTH] 

PLUG FITTING DETAILS (WHERE APPLICABLE)

- The wire labelled blue is the neutral and must be connected to the terminal marked [N].
- The wire labelled brown is the live wire and must be connected to the terminal marked [L].
- The wire labelled green/yellow must be connected to the terminal marked with the letter [E].
- On no account must either the brown or the blue wire be connected to the [EARTH] terminal.
- Always ensure that the cord grip is fastened correctly.

- The plug must be fitted with a fuse of the same rating already fitted and conforming to BS 1362 and be ASTA approved.
- If in doubt consult a qualified electrician who will be pleased to do this for you.

NON-REWIREABLE MAINS PLUG

If your appliance is supplied with a non-rewireable plug fitted to the mains lead and should the fuse need replacing, you must use an ASTA approved one (conforming to BS 1362 of the same rating).

If in doubt, consult a qualified electrician who will be pleased to do this for you.

If you need to remove the plug - disconnect it from the mains - then cut it off of the mains lead and immediately dispose of it in a safe manner. Never attempt to reuse the plug or insert it into a socket outlet as there is a danger of an electric shock.

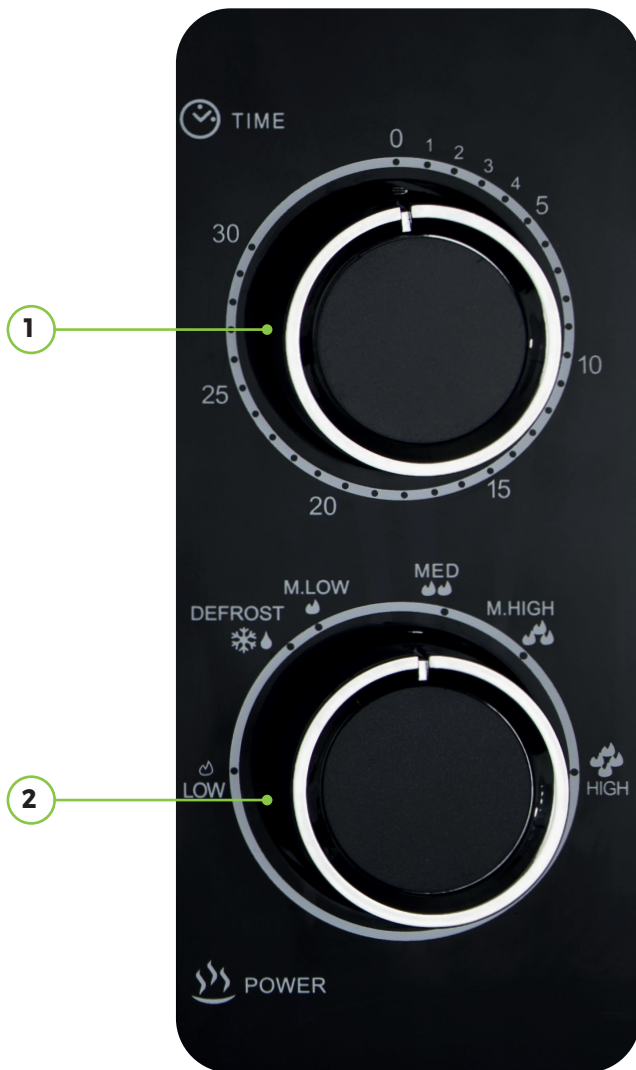
WARNING:
This appliance **MUST** be earthed!

In the unlikely event the appliance develops a fault, stop using it immediately and seek advice from the Customer Support Team.

GETTING TO KNOW YOUR MICROWAVE

CONTROL PANEL

1. Cooking Time Dial
2. Power Level Dial





Oven window: Allows users to see the contents at any time.

Control panel: Lets you choose between different functions when operating your microwave.

Door Handle: Allows the user to open the door and stop the cooking process.

Door lock: The microwave's oven door must be properly closed in order for it to operate.

Roller ring: The glass turntable sits on its wheels; it supports the glass turntable and helps it to balance when rotating. Do not use the microwave without the roller ring.

Rotating axis: The glass turntable sits on the axis; the motor underneath it drives the glass turntable to rotate.

Glass turntable: Rotates during operation to help food cook evenly.

BEFORE FIRST USE

PREPARING FOR USE

1. Remove all packing material and accessories. Examine the microwave and cord for any damage. Do not install if the microwave is damaged and contact your place of purchase.
2. Remove any protective film found on the microwave. Do not remove the light brown Mica cover that is attached to the microwave cavity to protect the magnetron.
3. Microwaves must be placed under dry and non-corrosive environments and kept away from heat and humidity, such as a gas burner or water tank.
4. Select a level surface that provides enough open space for the intake/outlet vents.
5. To ensure sufficient ventilation, the following distances should be observed: at least 10cm from the back of the microwave to the wall, at least 20cm from the microwave to the side of the wall, and at least 30cm above the microwave. The minimum installation height for the microwave should be 85cm.
6. The microwave should be positioned away from TVs, radios or antennae, as the microwaves may cause disturbances to their picture or sound.
7. The appliance must be positioned so that the plug is accessible.
8. The microwave must be operated with the door closed.
9. The microwave must not be placed in a cabinet. The microwave is intended to be used free-standing. **DO NOT** remove the legs from the bottom of the microwave.
10. Your appliance is now ready for normal use.
11. Dispose of the packaging in a responsible manner.

USING YOUR MICROWAVE

CONTROL PANEL OPERATION:

The control panel consists of two function operations, a timer dial and a power dial.

POWER DIAL:

There are five power levels to choose from when operating the microwave. Turn the power selection dial clockwise to increase the microwave's power level. The power levels are as follows:

SETTING	POWER OUTPUT	DESCRIPTION
HIGH	100%	Quick cooking
M.High	85%	Normal cooking
Med	66%	Slow cooking
M.Low	40%	Drinks or soup
Defrost	37%	Defrost
LOW	17%	Keep warm

The following table provides a reference defrost time length for various foods:

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

TIMER DIAL:

The manual timer dial allows you to select your required cooking time, from 0 - 30 minutes.

TO START A COOKING SESSION:

1. Place the food in the microwave and close the door.
2. Turn the power selection dial to select a power level.

3. Use the timer dial to set a cooking time.
4. When cooking is complete, a bell will ring and the light inside the microwave will turn off.

STOP/CANCEL

Open the door or return the timer to zero.

NOTE: As soon as the timer dial is turned, the microwave starts cooking. When cooking food for less than 2 minutes, rotate the timer past the 2 minute mark, then turn it back to the correct required time.

CAUTION: Always return the timer to the '0' position when not using the microwave. To stop the cooking process at any time, open the door by the handle.

NOTE: Cooking results depend on factors such as the shape and size of food, personal preference, and even how you happen to place food in the microwave.

ASSESSING IF THE FOOD IS FULLY COOKED:

The colour and firmness of food help to determine whether it is done.

The following signs show that the food is ready:

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

USING YOUR MICROWAVE

UTENSILS GUIDELINE:

It is strongly recommended to only use containers which are suitable and safe for microwave cooking. Generally speaking, containers 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 and there is a risk of fire or injury. When cooking microwave meals, always check the packaging to see which parts are microwave safe. Use the below table as reference:

MATERIAL	MICROWAVE SAFE	NOTES
Heat-resistant ceramic	Yes	Never use ceramics that are decorated with a metal rim or glazed.
Heat-resistant plastic	Yes	Cannot be used for extended periods of time when microwave cooking.
Heat-resistant glass	Yes	Never use glass that has a decorated metal rim.
Plastic film	Yes	Not to be used when cooking meat or chops, as, the high temperature may damage the film.
Grill rack	No	Never use metal grill racks as this will cause arching.
Metal container	No	Never to be used in the microwave. Microwaves cannot penetrate through metal. Microwaving with a metal container can result in fire.
Lacquer	No	Poor heat resistance. Cannot be used for high temperature cooking.
Bamboo wood and paper	No	Poor heat resistance. Cannot be used for high temperature cooking.
Cling film	Yes	Cling film can be used as long as it is pierced to let steam escape, and is not touching the food.

CAUTION:

There are a number of accessories available on the market. Before you buy, make sure they are suitable for microwave use. When you put food into the microwave, ensure that the food supports and/or covering do not come in direct contact with any of the internal walls or the ceiling of the cavity since discolouration may take place.

Some plastics are heat-proof only up to certain temperatures. Check carefully!

Always remove the lids of jars and containers, including takeaway food containers, before putting them in the microwave. If the lids are not removed, steam and pressure can build up inside and cause an explosion even after microwave cooking has stopped.

Do not use straight sided containers with narrow necks when heating liquid. Use extreme care when inserting a spoon or other utensils into the container.

USING YOUR MICROWAVE

COOKING TIPS:

The following factors may affect the cooking result:

Food arrangement: Place thicker areas towards the outside of the dish with the thinner parts towards the centre. Spread it evenly and avoid overlap if possible.

Cooking time length: Begin cooking on a shorter time setting and evaluate the food after it times out. Extend the time as necessary. Over cooking may result in burnt food and smoke.

Piercing: Food such as potatoes, fish, chicken and sausages all need to be pierced in several places before cooking, so that steam does not build up and cause the food to explode.

Cooking food evenly: Food such as chicken, burgers or steak should be turned once during cooking.

Depending on the type of food, if applicable, stir from the outside to the centre of the dish once or twice during cooking.

Allow standing time: Once the cooking time has finished, allow food to stand in the microwave for a few minutes. This allows the food to complete its cooking cycle and to cool down naturally.

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 to 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. The preheating time specified in the dish instruction manual must not be exceeded.

ACCESSORIES/SPARE PARTS

Spare part replacements and accessories are available to purchase via:



+44 (0) 333 220 6066



www.towerhousewares.co.uk

PART NO	DESCRIPTION
T2404101	Glass Turntable
T2404102	Roller Ring

SERVICING, CLEANING AND CARE

SERVICING SAFEGUARDS - 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.

CLEANING & CARE:

- The microwave should be cleaned regularly and any food deposits removed.
- Remove the power cord from the wall outlet before cleaning. Don't immerse the appliance in water or other fluids when cleaning.
- Failure to maintain the microwave in a clean condition could lead to deterioration of the surface. This could adversely affect the life of the appliance and possibly result in a hazardous situation.
- Never use hard detergent, gasoline, abrasive powder or metal brush to clean any part of the appliance.
- Do not remove the waveguide cover.
- After lengthy use, it is possible for odours to emit from the microwave.

The following 2 points are some methods to remove odours or unpleasant smells:

- Place several lemon slices in a cup, then heat on High power for 2-3 minutes.
- Put some orange peel into the microwave, and then heat them on High power for 1 minute.

NEVER IMMERSE THE MICROWAVE, CORD, OR PLUG IN WATER OR ANY OTHER LIQUID.

TIPS FOR CLEANING:

If the seal of the microwave is dirty, it may stop the door from closing properly. Keep the seal clean.

Spicy sauces such as ketchup and mustard, or salty dishes such as salted meat, contain ingredients that can erode the surface. After use, you should always clean the microwave interior.

Food residue from spillovers or splatters will attract microwave energy, causing it to burn onto the surface. This could reduce the efficiency of the microwave and may cause bad odours.

Details for cleaning door seals, cavity and adjacent parts:

- **Exterior:** Wipe the appliance with a damp soft cloth.
- **Door:** Using a damp soft cloth, wipe clean the door and window. Wipe the door seals and adjacent parts to remove any spills. Wipe the control panel with a slightly dampened soft cloth.
- **Interior walls:** Wipe clean the interior with a damp soft cloth. Wipe clean the waveguide cover to remove any food remnants.
- **Glass turntable/Rotation ring/Rotation axis:** Wash with mild soap water. Rinse with clean water and allow it to dry thoroughly.

NOTE: Do not remove the waveguide cover during cleaning. Make sure the waveguide cover is installed correctly and has not been damaged during cooking.

TROUBLESHOOTING

QUESTIONS	ANSWERS
Is it normal for the glass turntable to turn in either direction?	Yes. The glass turntable can rotate clockwise or anti-clockwise, depending on the rotation of the motor when the cooking cycle starts.
Can I operate my microwave whilst it is empty?	No, never run it empty or with a very small load for a long period of time as this will damage the microwave.
Can I open the door whilst the microwave is running?	You can open the door at any point during cooking. The microwave energy will automatically switch off when the door is opened, and the time setting will pause until the door is closed.
Why is my microwave sparking?	If you see sparks in your microwave, turn it off immediately. Sparks can be caused by: Metal or aluminium foil that touches the interior of the microwave, metal from a closing strip or tableware with metallic edges, recycled paper that contains small metal particles and aluminium foil that is not correctly covering the food. Remove anything from the microwave that may contain metal. Refer to the Utensils Guideline in this manual for reference of what containers are microwave safe.
I am trying to cook eggs and they are popping. What do I do?	When you bake or poach eggs, the yolk can pop due to a build-up of steam inside the yolk membrane. Pierce the yolk with a toothpick before cooking. Never cook eggs without first piercing their shells.
My microwave is taking longer to cook food than the cooking guide says.	Variations in the size, shape and weight of your food can affect cooking times. Cooking guide times and heat settings should be used as suggestions to help prevent over-cooking. If you find the cooking time or temperature is not suited to your ingredients, adjust accordingly.
Can I operate my microwave without the glass turntable?	No. If you remove the glass turntable you will get poor cooking results. Ensure that all dishes used in the microwave fit correctly on to the glass turntable.
What does standing time mean and why is it recommended?	Standing time means that food should be removed from the microwave and allowed to 'stand' for an additional time to let it finish cooking. This is important because with microwave cooking, the heat is held in the food, not in the microwave. Many foods build up enough internal heat to allow the cooking process to continue, even after the food is removed from the microwave. Standing time for joints of meat, large vegetables and cakes is to allow the inside to cook completely, without overcooking the outside. Most directions on microwavable food will note how much standing time is required.

DISPOSAL OF THE UNIT

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.recycle-more.co.uk or www.recyclenow.co.uk for access to information about the recycling of electrical items.

Please visit www.weeeireland.ie for access to information about the recycling of electrical items purchased in Ireland.

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.



CUSTOMER SUPPORT

If you have any questions or concerns about your new product, please contact our helpful Customer Support Team:



+44 (0) 333 220 6066



www.towerhousewares.co.uk

Please have your Model No. available. This can be found on the front cover of this instruction manual and on the appliance's rating label.

TOWER®

BUILT FOR BETTER SINCE 1912

thank you!



We hope you enjoy your appliance for many years...

This product is guaranteed for 12 months from the date of original purchase.

If any defect arises due to faulty materials of workmanship, the faulty products must be returned to the place of purchase.

Refund or replacement is at the discretion of the retailer.

THE FOLLOWING CONDITIONS APPLY:

The product must be returned to the retailer with proof of purchase or a receipt.

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.

Tower has limited liability for incidental or consequential loss or damage.

This guarantee is valid in the UK and Eire only.

The standard one year guarantee is only extended to the maximum available for each particular product upon

registration of the product within 28 days of purchase. If you do not register the product with us within the 28 day period, your product is guaranteed for 1 year only.

To validate your extended warranty, please visit www.towerhousewares.co.uk and register with us online.

Please note that length of extended warranty offered is dependent on product type and that each qualifying product needs to be registered individually in order to extend its warranty past the standard 1 year.

Extended warranty is only valid with proof of purchase or receipt.

Your warranty becomes void should you decide to use non Tower spare parts.

Spare parts can be purchased from www.towerhousewares.co.uk

Or call our Customer Support Team on: **+44 (0) 333 220 6066**

