

**morphyrichards®**

smart ideas for your home

Microwave Oven

# INSTRUCTION MANUAL

Model: MRINV34BLK / MRINV34WTE

Read these instructions carefully before  
using your microwave oven.

**STORE THESE INSTRUCTIONS CAREFULLY**

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## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

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

## ADDENDUM

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

## SPECIFICATIONS

Model:	MRINV34BLK	MRINV34WTE
Colour:	Black	White
Rated Voltage:	230-240V~50Hz	230-240V~50Hz
Rated Input Power (Microwave):	1900W	1900W
Rated Output Power (Microwave):	1200W	1200W
Oven Capacity:	34L	34L
Turntable Diameter:	315mm	315mm
External Dimensions (L x W x H):	519 x 406.5 x 314.2mm	519 x 406.5 x 314.2mm
Net Weight:	Approx 11.7kg	Approx 11.7kg

## IMPORTANT SAFETY INSTRUCTIONS

### WARNING

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

- Read and follow the specific: “**PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY**”.
- 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. (For appliance with type Y attachment).
- **WARNING:** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
- **WARNING:** It is hazardous for anyone other than an authorised repairer/technician to carry out any service or repair operation that 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.
- Do not heat food in plastic or paper containers, due to the possibility of ignition.
- Only use utensils that are suitable for use in microwave ovens.

- If smoke is emitted, 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.
- 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.
- 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.
- Only use the temperature probe recommended for this oven. (For ovens provided with a facility to use a temperature-sensing probe.)
- The microwave oven shall not be operated in a closed cabinet.
- 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
 It is not suitable for commercial or laboratory use.
- 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.

- **Metallic containers for food and beverages are not allowed during microwave cooking.**
- **The appliance shall not be cleaned with a steam cleaner.**
- **The appliance is intended to be used freestanding.**
- **The rear surface of appliances shall be placed against a wall.**

**READ CAREFULLY AND KEEP FOR FUTURE REFERENCE**

## To Reduce the Risk of Injury to Persons Grounding Installation

### DANGER

#### ELECTRIC SHOCK HAZARD

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

### WARNING

#### ELECTRIC SHOCK HAZARD

Improper use of the grounding can result in electric shock.

Do not plug into an outlet until appliance is properly installed and grounded.

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current.

This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded.

## CLEANING

**BE SURE TO UNPLUG THE APPLIANCE FROM THE POWER SUPPLY.**

1. Clean the cavity of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in soapy water.
3. The door frame and seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.
4. 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.
5. **Cleaning Tip:** For easier cleaning of the cavity walls that the food cooked can touch: Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

## UTENSILS CAUTION

It is hazardous for anyone other than an authorised repairer/technician to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

See the instructions on “Materials you can use in microwave oven or to be avoided in microwave oven.” There may be certain non-metallic utensil/container that are not safe to use for microwaving. If in doubt, you can test the utensil/container in question following the procedure below.

## UTENSILS TEST

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

## MATERIALS YOU CAN USE IN MICROWAVE OVEN

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



## MATERIALS TO BE AVOIDED IN MICROWAVE OVEN

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

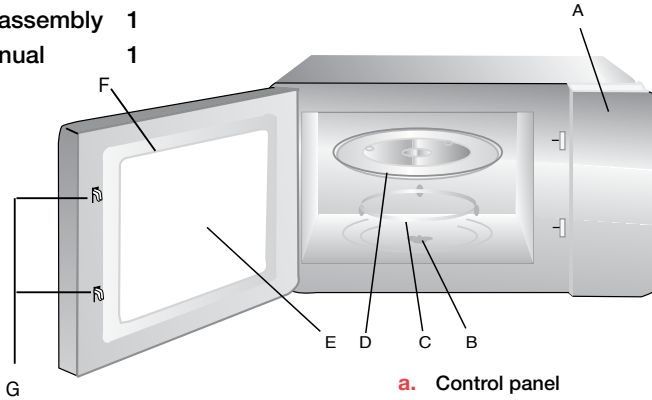
# SETTING UP YOUR OVEN

## NAMES OF OVEN PARTS AND ACCESSORIES

Remove the oven and all materials from the carton and oven cavity.

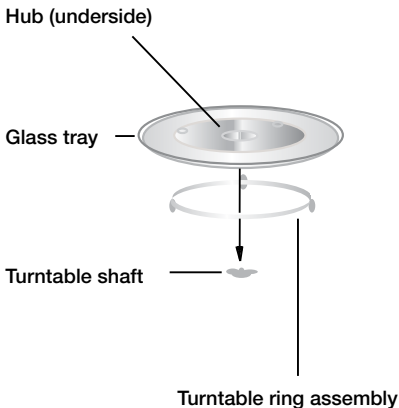
Your oven comes with the following accessories:

Glass tray	1
Turntable ring assembly	1
Instruction Manual	1



- a. Control panel
- b. Turntable shaft
- c. Turntable ring assembly
- d. Glass tray
- e. Observation window
- f. Door assembly
- g. Safety interlock system

## TURNTABLE INSTALLATION



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

## COUNTERTOP INSTALLATION

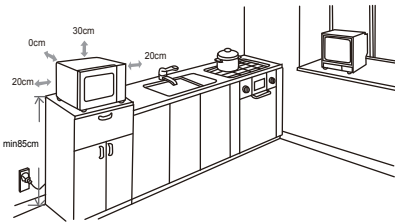
Remove all packing material and accessories. Examine the oven for any damage such as dents or broken door. Do not install if oven is damaged.

Cabinet: Remove any protective film found on the microwave oven cabinet surface.

Do not remove the light brown Mica cover that is attached to the oven cavity to protect the magnetron.

## INSTALLATION

1. Select a level surface that provides enough open space for the intake and/or outlet vents.



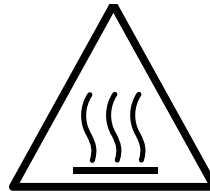
- The minimum installation height is 85cm.
- The rear surface of appliance should be placed against a wall.
- Leave a minimum clearance of 30cm above the oven, a minimum clearance of 20cm is required between the oven and any adjacent walls.
- Do not remove the legs from the bottom of the oven.
- Blocking the intake and/ or outlet openings can damage the oven.
- Place the oven as far away from radios and TV as possible.

Operation of microwave oven may cause interference to your radio or TV reception.

2. Plug your oven into a standard household outlet. Be sure the voltage and the frequency is the same as the voltage and the frequency on the rating label.

### WARNING:

Do not install oven over a range cooktop or other heat-producing appliance. If installed near or over a heat source, the oven could be damaged and the warranty would be void.



**THE ACCESSIBLE SURFACE MAY BE HOT DURING OPERATION.**

# OPERATION INSTRUCTIONS

## CLOCK SETTING

When the microwave oven is connected to mains power, the oven will display “0:00”, buzzer will ring once. The input time should be within 0:00–23:59 (24 Hour).

Example: To set 10:20:

1. Press “**TIMER/CLOCK**” twice, “00:00” will flash and all the “0” will flash.
2. Press the number buttons of “1”, “0”, “2”, “0” in order.
3. Press “**TIMER/CLOCK**” to finish clock setting. “:” will flash, and the time will light.

Note:

- If the clock is not set, it will not function when powered.
- During the process of clock setting, if you press “**STOP/ECO**” or if no operation in 1 minute, the oven will go back to the previous status automatically.

## KITCHEN TIMER

1. Press “**TIMER/CLOCK**” once, LED will display “00:00”.
2. Press the number buttons and enter the correct time (the maximum cooking time is 99 minutes and 99 seconds).
3. Press “**START/+30SEC.**” to confirm setting.
4. When the kitchen timer has completed the countdown, the buzzer will ring before returning to the standby state (if the clock has been set, the LED will display the current time).

Note: The kitchen timer is different from 24-hour clock, the kitchen timer is a timer.

## MICROWAVE COOKING

Select different microwave power levels and cooking times as you wish. There are multiple power levels available. Keep pressing “**MICROWAVE**” to choose the power.

Example: If you want to use 80% microwave power to cook for 15 minutes, you can operate the oven as the following steps:

1. Press “**MICROWAVE**” once, “P100” will flash.
2. Press “**MICROWAVE**” until the oven displays “P80” to choose 80% power.
3. Press “**START/+30SEC**” to confirm the power.
4. Press the number buttons of “1”, “5”, “0”, “0” in order, the oven will display “15:00”.
5. Press “**START/+30SEC**” to start cooking.

## DEFROST BY TIME

1. Press “**DEFROST**” once, the oven will display “d01”.
2. Press the “**START/+30SEC**” button to confirm the setting.
3. Input the figure of the time of cooking (the maximum cooking time is 99 minutes and 99 seconds).
4. Press the “**START/+30SEC**” button to start defrosting.

Note: The default microwave power for defrosting by time is P30 and cannot be modified manually.

## DEFROST BY WEIGHT

To defrost MEAT:

1. Press “**DEFROST**” twice, the oven will display “d02”.
2. Press the “**START/+30SEC**” button to confirm the setting.
3. Input the weight of the food (weight should be within 100–2000g).
4. Press the “**START/+30SEC**” button to start defrosting.

To defrost FISH:

1. Press “**DEFROST**” three times, the oven will display “d03”.
2. Press the “**START/+30SEC**” button to confirm the setting.
3. Input the weight of the food (weight should be within 100–2000g).
4. Press the “**START/+30SEC**” button to start defrosting.

To defrost VEGETABLES:

1. Press “**DEFROST**” four times, the oven will display “d04”.
2. Press the “**START/+30SEC**” button to confirm the setting.
3. Input the weight of the food (weight should be within 100–2000g).
4. Press the “**START/+30SEC**” button to start defrosting.

To defrost BREAD:

1. Press “**DEFROST**” five times, the oven will display “d05”.
2. Press the “**START/+30SEC**” button to confirm the setting.
3. Input the weight of the food (weight should be within 100–2000g).
4. Press the “**START/+30SEC**” button to start defrosting.

## MULTI-STAGE COOKING

Two stages of cooking can be set. If one of the stages is defrosting, it should be put in the first stage automatically. There will be a beep after the first stage and the next stage will begin.

Example: If you want to defrost 500g of food + 80% microwave power for 2 minutes and 30 seconds, do it as the following:

1. Press **"DEFROST"** twice, the oven will display "d02".
2. Press the **"START/+30SEC"** button to confirm the setting.
3. Press number buttons "5", "0", "0" in order to adjust the cooking time.
4. Press **"MICROWAVE"** once, "P100" will flash.
5. Press **"MICROWAVE"** repeatedly to adjust the microwave power until the oven display "P80".
6. Press the **"START/+30SEC"** button to confirm the setting.
7. Press number buttons "2", "3", "0" in order to adjust the cooking time;
8. Press **"START/+30SEC"** to start cooking.

## ECO

1. Press **"STOP/ECO"** to extinguish the screen.
2. Press any key to enter the standby state.

## SENSOR REHEAT

There are three different sensor reheat weights available. Keep pressing **"SENSOR REHEAT"** to choose the weight. After humidity sensing is complete, there will be two beeps.

1. Press **"SENSOR REHEAT"** once, the oven will display the minimum weight, "250g".
2. Press **"START/+30SEC"** once, the humidity sensor will start.
3. After humidity sensing is complete, your oven will beep twice and automatically start heating.

## MELT/SOFTEN

There are two different melt/soften menus and quantities available. Keep pressing **"MELT/SOFTEN"** to choose the setting.

1. Press the **"MELT/SOFTEN"** button once, "S01" will flash.
2. Press the **"START/+30SEC"** button to confirm the setting, the oven will display the default quantity of the menu, "1".
3. Press **"START/+30SEC"** once to start melting/softening chocolate or butter.

## DINNER PLATE

There are three different dinner plate weights available. Keep pressing “**DINNER PLATE**” to choose the weight. After humidity sensing is complete, there will be two beeps.

1. Press “**DINNER PLATE**” once, the oven will display the minimum weight “250g”.
2. Press “**START/+30SEC**” once, the humidity sensor will start.
3. After humidity sensing is complete, your oven will beep twice and automatically start heating.

## MUTE

1. In the standby state, press “**SILENT MODE**” for 3 seconds, there will be 2 beeps to mute the oven.
2. In the standby state, press “**SILENT MODE**” for 3 seconds, there will be 2 beeps to unmute the oven.

## SPEEDY MICROWAVE COOKING

1. When the oven is in the standby state, press the “**START/+30SEC**” button to start cooking on full microwave power for 30 seconds. Keep pressing “**START/+30SEC**” to increase the cooking time by 30 second increments (the maximum setting is 99 minutes and 99 seconds).
2. When the oven is in the standby state, press the number buttons to set the cooking time and then press “**START/+30SEC**” to start cooking on full microwave power.

Note: This can NOT be set as one stage of the multi-stage cooking.

## CHILD LOCK

LOCK:

In the standby state, press “**STOP/ECO**” for 3 seconds, there will be 2 beeps and the oven will display the key icon.

UNLOCK:

In the locked state, press “**STOP/ECO**” for 3 seconds, there will be 2 beeps and the oven will return to the standby state.

## AUTO MENU CHART

Menu	Weight	Time	
POPCORN	50g	1'20"	
	85g	2'20"	
	100g	2'30"	
SENSOR REHEAT	250g	1'39"	0'45"
	350g	1'51"	0'55"
	450g	2'34"	1'17"
POTATO	1 (230g)	1'22"	2'38"
	2 (460g)	2'48"	5'02"
	3 (690g)	3'16"	5'52"
PIZZA	250g	1'46"	0'53"
	350g	2'00"	1'00"
FISH	250g	2'46"	0'50"
	450g	3'13"	0'58"
CHICKEN	200g	2'12"	1'02"
	400g	3'10"	1'35"
	600g	3'24"	1'51"
PASTA	50g (water 450g)	2'30"	15'00"
	100g (water 800g)	3'00"	15'00"
DINNER PLATE	250g	1'39"	0'45"
	350g	1'51"	0'55"
	450g	2'34"	1'17"
MELT BUTTER	227g	1'20"	
	454g	2'00"	
SOFTEN BUTTER	227g	1'20"	
	454g	2'00"	



## TROUBLE SHOOTING

### Normal

Microwave oven interfering with TV reception	Radio and TV reception may be interfered with when the microwave oven is operating. It is similar to the interference of small electrical appliances, like a mixer, vacuum cleaner, and electric fan. It is normal.
Dim oven light	In low power microwave cooking, the oven light may become dim. It is normal.
Steam accumulating on door, hot air out of vents	In cooking, food can release steam. Most escape from vents, but some may accumulate on a cool place like the oven door. It is normal.
Oven started accidentally with no food in	Do not run the unit without any food inside.

Trouble	Possible Cause	Remedy
Oven cannot be started	1. Power cord not plugged in tightly	Unplug. Then plug in again after 10 seconds
	2. Fuse blowing or circuit breaker works	Replace fuse or reset circuit (repaired by professional personnel of our company)
	3. Trouble with outlet	Test outlet with other appliances
Oven does not heat	4. Door not fully closed	Close door



## NOTES

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MRINV34 REV2