

# Microwave Oven

# INSTRUCTION MANUAL

## Model: EM262A2SR-PVHA

**Read these instructions carefully before using your microwave oven, and keep it carefully.**

If you follow the instructions, your oven will provide you with many years of good service.

**SAVE THESE INSTRUCTIONS CAREFULLY**

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# PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- (a) 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.
- (b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) **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	EM262A2SR-PVHA
Rated Voltage	120 V~ 60 Hz
Microwave Input	1350 W
Microwave Output	1200 W

# IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should be followed, including the following:

**WARNING** - To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy:

1. Read all instructions before using the appliance.
2. Read and follow the specific: "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 2.
3. This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on page 5.
4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs and sealed containers - for example, closed glass jars - are able to explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This appliance should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.
10. Do not cover or block any openings on the appliance.
11. Do not store this appliance outdoors. Do not use this product near water - for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar location.
12. Do not immerse cord or plug in water.
13. Keep cord away from heated surface.
14. Do not let cord hang over edge of table or counter.
15. When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps, or detergent applied with a sponge or soft cloth.
16. To reduce the risk of fire in the oven cavity:
  - 1). Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
  - 2). Remove wire twist-ties from paper or plastic bag before placing bag in oven.
  - 3). If material inside of the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
  - 4). Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.

17. Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present.

THIS COULD RESULT IN VERY HOT LIQUID SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID.

To reduce the risk of injury to persons:

- 1) Do not overheat the liquid.
- 2) Stir the liquid both before and halfway through heating it.
- 3) Do not use straight-sided containers with narrow necks.
- 4) After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- 5) Use extreme care when inserting a spoon or other utensil into the container.

## **SAVE THESE INSTRUCTIONS**

# GROUNDING INSTRUCTIONS

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.

**WARNING** - Improper use of the grounding can result in a risk of electric shock. 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. If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade grounded plug, and 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord shall be equal to or greater than the electrical rating of the appliance.

## **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.

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. Longer cord sets or extension cords are available and may be used if care is exercised in their use.
3. If a long cord or extension cord is used:
  - 1) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
  - 2) The extension cord must be a grounding-type 3-wire cord.
  - 3) The longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over unintentionally.

# RADIO INTERFERENCE

1. Operation of the microwave oven may cause interference to your radio, TV or similar equipment.
2. When there is interference, it may be reduced or eliminated by taking the following measures:
  - 1) Clean door and sealing surface of the oven
  - 2) Reorient the receiving antenna of radio or television.
  - 3) Relocate the microwave oven with respect to the receiver.
  - 4) Move the microwave oven away from the receiver.
  - 5) Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

**This device complies with part 18 of the FCC Rules.**

## UTENSILS

### **CAUTION** - Personal Injury Hazard

Tightly-closed utensils could explode. Closed containers should be opened and plastic pouches should be pierced before cooking.

See the instructions on "Materials you can use in microwave oven or to be avoided in microwave oven."

There may be certain non-metallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

### **Utensil Test:**

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

## Materials you can use in microwave oven

Utensils	Remarks
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

Utensils	Remarks
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.

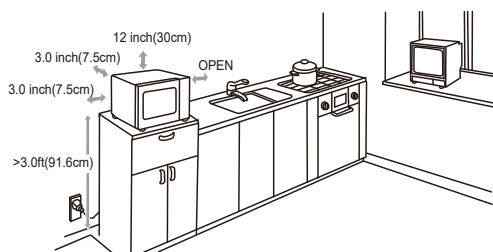
## Countertop Installation

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 provide enough open space for the intake and/or outlet vents.



A minimum clearance of 3.0 inches (7.5cm) is required between the oven and any adjacent walls. One side must be open. The minimum installation height is 3.0ft(91.6cm).

- (1) Leave a minimum clearance of 12 inches (30cm) above the oven.
- (2) Do not remove the legs from the bottom of the oven.

- (3) Blocking the intake and/or outlet openings can damage the oven.
- (4) 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.





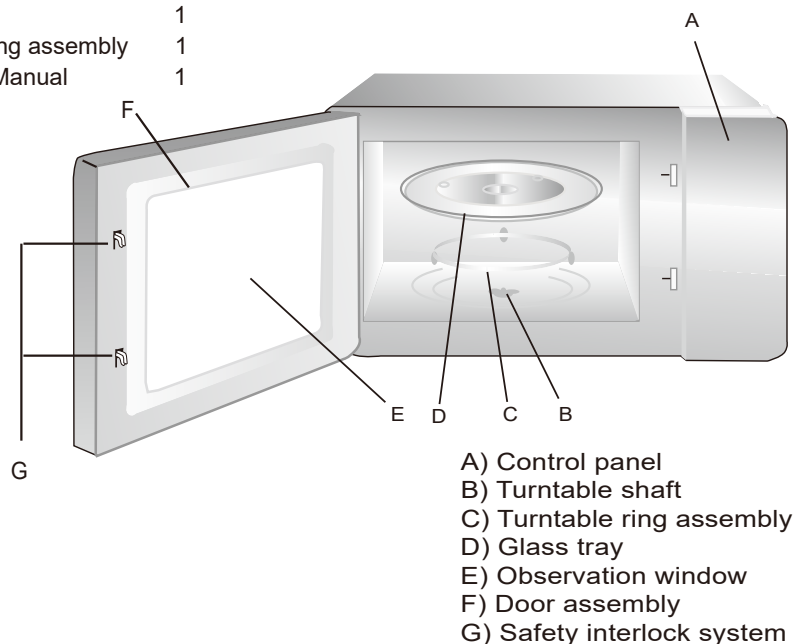
# NAMES OF OVEN PARTS AND ACCESSORIES

(In case of any differences between the appliance and the pictures in this manual, the product shall prevail.)

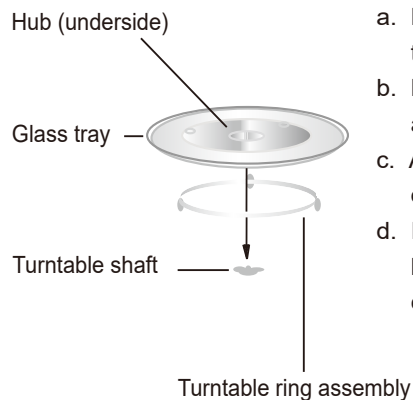
Remove the oven and all materials from the carton and oven cavity.

Your oven comes with the following accessories:

Glass tray	1
Turntable ring assembly	1
Instruction Manual	1



## Turntable Installation



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

# OPERATION

## 1. Setting the Clock

- (1) Press " CLOCK ," "00:00" will display.
- (2) Press the number keys to program current time. For example, to set the clock to 10:12, press "1,0,1,2" or to set the clock at 5:12, press "0,5,1,2".
- (3) Press " CLOCK " to finish clock setting. ":" will flash and the clock will be lit.
- (4) If the numbers are not within the range of 1:00-12:59, the setting will be invalid until valid numbers are input.

Note:

1. In the process of clock setting, if the " STOP/CANCEL " button is pressed or if there is no operation selected within 1 minute, the oven will go back to the previous setting automatically.
2. If the clock needs to be reset, repeat steps 1- 3.

## 2. Kitchen Timer

- (1) Press "KITCHEN TIMER ," display will show "00:00", the first hour figure flashes.
- (2) Press the number keys and enter the timer time. (The maximum cooking time is 99 minutes and 99 seconds).
- (3) Press " START/+30SEC. " to confirm setting.
- (4) When the timer time arrives, the buzzer will beep 5 times. If the clock is set, the LED will display the current time.

Note: 1. The kitchen timer is a timer and will not display the "Clock."

2. When using the kitchen timer, no other program can be set.

Note: The TIMER indicator starts blinking and the display counts down the time remaining in KITCHEN TIMER mode.

When KITCHEN TIMER mode ends, you will hear 5 beeps.

### 3. Microwave Cooking

11 power levels are available.

Level	10	9	8	7	6	5	4	3	2	1
Power	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
Display	PL10	PL9	PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1

- (1) Press "TIME COOK" once, the display will show "00:00".
- (2) Press number keys to input the cooking time; the maximum cooking time is 99:99
- (3) Press " POWER LEVEL" once, the display will show "PL10". The default power is 100% power. Now you can press number keys to adjust the power level.
- (4) Press " START/+30SEC." to start cooking.

Example: to cook the food with 50% microwave power for 15 minutes.

- a. Press "TIME COOK" once. "00:00" displays.
- b. Press "1","5","0","0" in order.
- c. Press " POWER LEVEL" once, then press "5" to select 50% microwave power.
- d. Press "START/+30SEC." to start cooking.

Note:

In the process of setting, if the " START/+30SEC." button is not pressed or there is no operation within 5 minutes, the oven will go back to the previous setting automatically.

## 4. Speedy Cooking

- (1) In standby mode, press number pads 1-6 to quickly cook from 1-6 minutes at 100% power. Press " START/+30SEC." to increase the cooking time during cooking, the maximum value is 99:99.
- (2) To cook for 30 seconds at 100% power press "START/+30SEC". Each press on the button will increase cooking time by 30 seconds. The maximum value is 99:99.

Note: 1) During microwave cooking, time defrost, auto menu and multi-stage cooking, time can be added by pressing "START/+30SEC." button.

2) Under sensor menu cooking and weight defrost state, time can't be added by pressing "START/+30SEC." button.

## 5. Auto Defrost

There are 3 types of auto defrost, meat, poultry and fish. press the desired menu key to enter the setting of it. For example, setting the meat defrost as below:

- (1) Press " Meat " once , "16 Oz" will display.
- (2) Press " Meat " repeatedly to set the weight, 16, 24, 32, 40 are available.
- (3) Press " START/+30SEC. " to start defrosting and the cooking time remaining will be displayed.

Note: The buzzer will sound to remind of turning over the food during defrosting.

## Auto Defrost Chart

Menu	Meat	Poultry	Fish
weight(Oz)	16,24,32,40	24,32,40,48	8,16,24,32

## 6. Time Defrost

- (1) Press " TIME DEFROST, " the display will show "00:00".
- (2) Press number pads to input defrosting time. The maximum value is 99:99.
- (3) Press " START/+30SEC. " to start defrosting.

Note: The default power is PL3. It can't be adjusted.

## 7. Multi-Stage Cooking

At most 2 stages can be set for cooking. In multi-stage cooking, if one stage is defrosting, then defrosting shall be placed at the first stage automatically.

Note: Auto menu can't work in the multi-stage cooking.

Example: Defrost food for 5 minutes and then cook with 80% microwave power for 7 minutes.

- (1) Press " TIME DEFROST " and then the screen will display "00:00".
- (2) Press "5", "0", "0" to set the desired defrost time of 5 minutes.
- (3) Press " TIME COOK " and then press "7", "0", "0" to set the cooking time.
- (4) Press " POWER LEVEL " and then "PL10" will display.
- (5) Press "8" to set the power level of PL8.
- (6) Press " START/+30sec. " to start cooking.

## 8. Inquiring Function

If the clock has been set, the current time will display for three seconds by pressing “ **CLOCK** ” in the cooking state.

## 9. Lock Function for Children

You can use this function to prevent children from accidentally turning the oven on.

To activate the lock:

In waiting state, press and hold “ **STOP/CANCEL** ” for three seconds. the buzzer will sound once,the locked icon will display.

To deactivate the lock:

In locked state, press and hold “ **STOP/CANCEL** ” for three seconds. the buzzer will sound once,the locked icon will disappear.

## 10. Mute mode

To activate the mute mode:

In waiting state, press and hold “ **8** ” for 3 seconds. A long beep will sound. It does not make a sound when you press any key.

To deactivate the mute mode:

In mute mode, press and hold “ **8** ” for 3 seconds. A long beep will sound.

## 11.Memory Function

- (1) In standby mode,press "0/Memory" 1~3 times to select memory 1-3 procedure.  
"1", "2" and "3" will display in order.
- (2) If the procedure has been set, press "START/+30sec." to start working directly.  
Otherwise, please continue to set the desired program.
- (3) After finishing the setting, press "START/+30sec." once to save the procedure.

Example: Set memory 2 (cook food with 80% microwave power for 3 minutes)

- (1) In standby mode, press "0/Memory" twice.
- (2) Press "TIME COOK" and then press number keys "3", "0", "0" in order.
- (3) Press "POWER LEVEL" and then press number keys "8".
- (4) Press "START/+30sec." to save the setting and "2" will display.

Note: Auto menu can't be set in memory function.Time defrost and weight defrost can be set in in memory function.

## 12.Auto Menu

### POPCORN

- (1) Press " POPCORN " once ,"1.75 Oz" will display.
- (2) Press " Meat " repeatedly to set the weight,1.75,3.0,3.5 Oz are available.
- (3) Press " START/+30SEC. " to start cooking.

### BEVERAGE

- (1) Press " BEVERAGE " once ,"1" will display.
- (2) Press " BEVERAGE " repeatedly to set the amount,1,2,3 are available.
- (3) Press " START/+30SEC. " to start cooking.

## MELT/SOFTEN

- (1) Press " Melt/Soften " once , "US-1" will display.
- (2) Press " Melt/Soften " repeatedly to set the submenu,  
US-1,US-2,US-3,US-4 are available.
- (3) Press " START/+30SEC. " to confirm the desired submenu.
- (4) Continue to press " Melt/Soften " repeatedly to set the correspond weight  
of the choosen menu.
- (5) Press " START/+30SEC. " to start cooking.

Melt/Soften Chart

Menu	Submenu	Display	weight(Oz)
Melt/Soften	Butter	US-1	3.5 7.0
	Chocolate	US-2	7.0 10.0
	Ice Cream	US-3	8.0 16.0
	Cheese	US-4	1.75 3.0



### 13.Sensor Menu

Press the desired sensor menu and then press "START/+30SEC." to start cooking (the cooking time and weight can't be set).

For example, setting a cooking of potato as below:

- (1) Press "POTATO" once, SC-1 displays.
- (2) Press " START/+30SEC. " to start cooking.

Note:1)The buzzer will sound twice when the sensor has finished.

2)The oven can't cook automatically when the temperature of the cavity is high.

3)The reheat food can be covered with the lid, but the lid must have a venthole in order to emanate the steam. Sealed utensil is forbidden.

4) During sensor cooking process, please do not open the oven door or press "STOP/CANCEL" .

Sensor Menu Chart

Menu	SubMenu	Weight(Oz)/Amount
Potato	SC-1 POTATO	1~4(amount)
Veggie	SC-2 Frozen Vegetable	6~16
	SC-3 Fresh Vegetable	4~16
Frozen Entrée	SC-4 Frozen Entree	8~32
	SC-5 Frozen Pizza	6~12
Sensor Reheat	SC-6 Sensor reheat	4~36

# Trouble shooting

Normal	
Microwave oven interfering TV reception	Radio and TV reception may be interfered when microwave oven operating. It is similar to the interference of small electrical appliances, like mixer, vacuum cleaner, and electric fan. It is normal.
Dim oven light	In low power microwave cooking, oven light may become dim. It is normal.
Steam accumulating on door, hot air out of vents	In cooking, steam may come out of food. Most will get out from vents. But some may accumulate on cool place like oven door. It is normal.
Oven started accidentally with no food in.	It is forbidden to run the unit without any food inside. It is very dangerous.

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



According to Waste of Electrical and Electronic Equipment (WEEE) directive, WEEE should be separately collected and treated. If at any time in future you need to dispose of this product please do NOT dispose of this product with household waste. Please send this product to WEEE collecting points where available.