



Commercial Microwave Oven

Owner's Manual

CM929B



SAFETY

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY:

- (a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
- (b) Do not place any object between the front face of the oven and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the
 - 1) Door (bent or dented),
 - 2) Hinges and latches (broken or loosened),
 - 3) Door seals and sealing surfaces.
- (d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

WARNING

Always observe Safety Precautions when using your oven. Never try to repair the oven on your own – there is dangerous voltage inside. If the oven needs to be repaired, call 1-800-SAMSUNG for the name of an authorized service center near you.

IMPORTANT SAFETY INSTRUCTIONS

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

WARNING

To reduce risk of burns, electric shock, fire, personal injury or exposure to excessive microwave energy:

- Read all safety instructions before using the appliance.
- Read and follow the specific “**PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY**” on this page.
- This appliance must be grounded. Connect only to properly grounded outlets. See “**IMPORTANT GROUNDING INSTRUCTIONS**” on page 4 of this manual.
- Install or place this appliance only in accordance with the installation instructions provided.
- Some items, like whole eggs and food in sealed containers, may explode if heated in this oven.
- 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.
- As with any appliance, close supervision is necessary when used by children.

SAVE THESE INSTRUCTIONS

SAFETY

Important Safety Instructions, continued

- 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.
- This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
- Do not cover or block any of the openings on this appliance.
- Do not store this appliance outdoors. Do not use near water – for example, near a kitchen sink, in a wet basement, or near a swimming pool, etc.
- Keep the inside of the oven clean. Food particles or spattered oils stuck to the oven walls or floor can cause paint damage and reduce the efficiency of the oven.
- Do not immerse cord or plug in water.
- Keep cord away from heated surfaces.
- Do not let cord hang over edge of table or counter.
- When cleaning door and oven surfaces, use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.
- To reduce the risk of fire in the oven:
 - a. Do not overcook food. Watch appliance carefully if paper, plastic, or other combustible materials are inside.
 - b. Remove wire twist-ties from plastic cooking bags before placing bags in oven.
 - c. If materials inside the oven ignite, keep the oven door closed, turn the oven off, disconnect the power cord, or shut off the power at the fuse or circuit breaker panel.
 - d. Do not use the oven compartment for storage purposes. Do not leave paper products, cooking utensils, or food in the oven when not in use.
- Do not try to preheat oven or operate while empty.
- Do not cook without the glass tray in place on the oven floor. Food will not cook properly without the tray.
- Do not defrost frozen beverages in narrow-necked bottles. The containers can break.
- Dishes and containers can become hot. Handle with care.
- Carefully remove container coverings, directing steam away from hands and face.
- Remove lids from baby food before reheating. After heating baby food, stir well and test temperature by tasting before serving.
- A short power-supply cord is provided to reduce the risk of becoming entangled in or tripping over a longer cord. Longer cord sets or extension cords are available and may be used with caution.
- Do not operate any other heating or cooking appliance beneath this appliance.
- Do not mount unit over or near any portion of a heating or cooking appliance.
- Do not mount over a sink.
- Do not store anything directly on top of the appliance when it is in operation.
- If materials inside oven should ignite, keep the oven door closed, turn the oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel. If the door is opened, the fire may spread.

SAVE THESE INSTRUCTIONS

SAFETY

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

Plug the three-prong power cord into a properly grounded outlet of standard 115-120 voltage, 60 Hz. Your oven should be the only appliance on this circuit.



WARNING

Do not cut or remove the third (ground) prong from the power cord under any circumstances.



WARNING

Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or servicer if you do not understand the grounding instructions or if you are not sure if the appliance is properly grounded.

Use of Extension Cords

A short power-supply cord is provided to reduce the risk of becoming entangled in or tripping over a longer cord. Longer cord sets or extension cords are available and may be used if care is exercised in their use. 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 and it must be plugged into a 3-slot outlet.
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 accidentally. If you use an extension cord, the interior light may flicker and the blower may vary when the microwave oven is on. Cooking times may be longer, too.

SAVE THESE INSTRUCTIONS

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YOUR NEW MICROWAVE OVEN

Checking Parts

Unpack your microwave oven and check to make sure that you have all the parts shown here. If any part is missing or broken, call your dealer.

WARRANTY AND SERVICE INFORMATION

To help us better serve you, please complete the enclosed registration card and promptly return it by mail. If the registration card is missing, you can call Samsung Electronics America, Inc., at 1-800-SAMSUNG (1-800-726-7864), or register on-line at WWW.SAMSUNGUSA.COM

When contacting Samsung, please provide the specific model and serial number information which is usually located on the back or bottom of the product. Please record these numbers below, along with the other requested information. Keep this information in a safe place as a permanent record of your purchase to aid in identification in case of theft or loss, and a copy of your sales receipt as a proof of purchase if warranty service is needed.

MODEL NUMBER _____
 SERIAL NUMBER _____
 DATE PURCHASED _____
 PURCHASED FROM _____

Warranty service can only be performed by a Samsung Authorized Service Center. If you should require warranty service, provide the above information with a copy of your sales receipt to the Samsung Authorized Service Center. For service assistance and the location of the nearest service center, please call 1-800-SAMSUNG (1-800-726-7864), or go on-line to WWW.SAMSGSUPPORT.COM

Setting Up Your Microwave Oven

1

Place the oven on a flat, sturdy surface and plug the cord into a grounded outlet.

Once plugged in, the display on your oven will show:



Make sure there is adequate ventilation for your oven by leaving at least four inches of space behind, above, and to the side of the oven.

YOUR NEW MICROWAVE OVEN

Control Panel Buttons(CM929B)

Auto Defrost (p. 11)

Sets weight of food to be defrosted.

Power Level

Used to select power level

Number Buttons

Set cooking time, weight and memory programming.

Double Quantity (p. 11)

Press for additional portion heating.

Program (p. 9-10)

Press to set Memory Programming.

Stop/Clear (p. 8)

Press to stop oven or correct a mistake.

Start/30sec.+ (p. 10)

Press to start cooking or press once for every 30 sec. of cooking at High power.

Check (p. 12)

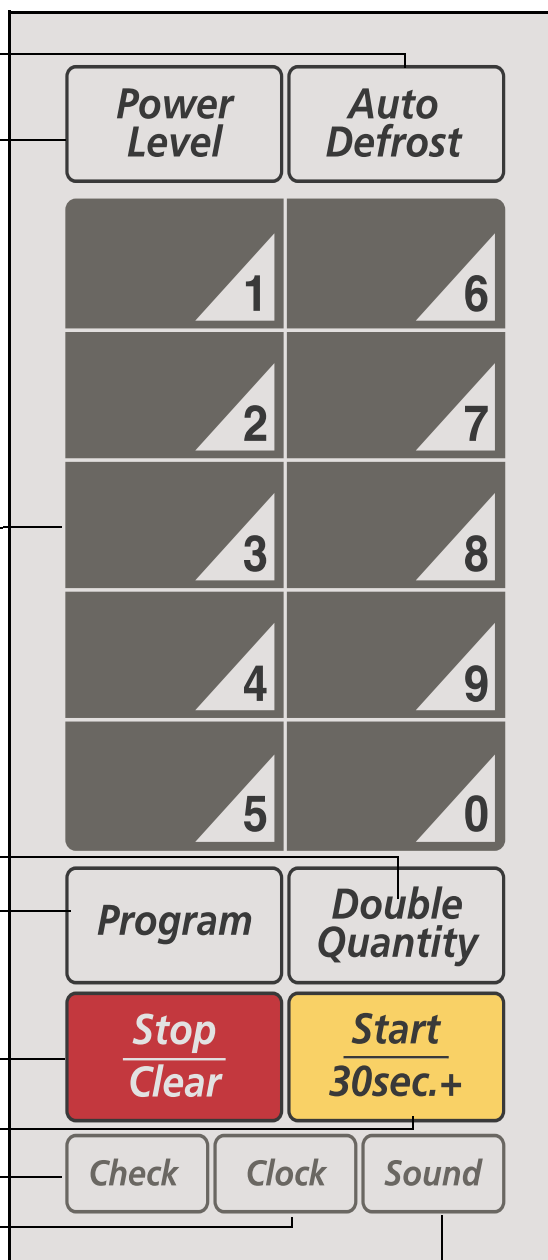
Press to confirm the Program.

Clock (p. 8)

Sets current time.

Sound (p. 13)

Press to adjust sound volume.



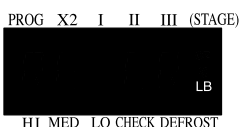
OPERATION

Selecting the Weight System

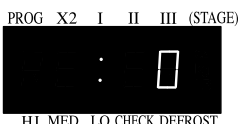
- The first time the power cord is plugged into an outlet, or after there has been an interruption in power, all digits and indicators will be displayed. At this point, the weight system can be selected by using the "0" button. By pressing "0" once, kilograms will be selected.



- To select pounds, quickly press "0" again.



- After selecting the weight system, two seconds standing time is required before the setting is automatically completed.



Using the Stop/Clear Button

The **Stop/Clear** button allows you to clear instructions you have entered. It also allows you to pause the oven's cooking cycle, so that you can check the food.

- To pause the oven during cooking, press **Stop/Clear** once. To restart, press **Start**.
- To correct a mistake you have just entered, press **Stop/Clear** once, then re-enter the instructions.

Setting the Clock

- Press the **Clock** button. The display will show:



- Use the **Number** buttons to enter the current time. You must press at least three numbers to set the clock. If the current time is 5:00, enter 5,0,0.



- Press **Clock** again. A colon will appear, indicating that the time is set.

If there is a power interruption, you will need to reset the clock.

*You can check the current time while cooking is in progress by pressing the **Clock** button.*

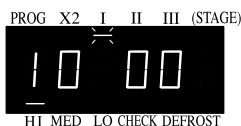
Setting Cooking Times & Power Levels

One-Stage Cooking

- Press the **Power Level** button to select power. By pressing the **Power Level** button repeatedly, you can select the power level - HI, MED, or LO.



- Use the **Number** buttons to set a cooking time. You can set a time from one second to 99 minutes, 99 seconds. To set a time over one minute, enter the seconds as well. *For example, to set 10 minutes, enter 1, 0, 0, 0.*



- Press **Start** button to begin cooking.

OPERATION

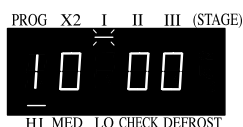
Setting Cooking Times & Power Levels Multi-Stage Cooking

1 Press the **Power Level** button to select power.

- By pressing the **Power Level** button repeatedly, you can select the power level - HI, MED, or LO.



2 Use the **Number** buttons to enter the cooking time. You can set a time from one second to 99 minutes, 99 seconds. To set a time over one minute, enter the second as well. For example, to set 10 minutes, enter 1, 0, 0, 0.



3 Repeat steps 1 and 2 for stage II or III cooking.

4 Press **Start** button to begin cooking.

Power Level	Percentage	Output
HI	100%	1000W
MED	70%	700W
LO	50%	500W

Memory Programming

One-Stage Cooking

1 Upon pressing the **Program** button, the oven will enter the Program mode. The display will be cleared.



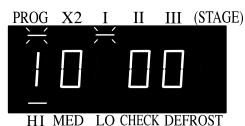
2 Using the **Number** buttons, enter the program number from 1 to 20.



3 Then, press the **Power Level** button to select power. By pressing the **Power Level** button repeatedly, you can select the power level - HI, MED, or LO.



4 After selecting the power level, Use the **Number** buttons to enter the cooking time. You can set a time from one second to 99 minutes, 99 seconds. To set a time over one minute, enter the seconds as well. For example, to set 10 minutes, enter 1, 0, 0, 0.



5 Press the **Program** button to complete setting the memory.

The display will show ":0 " or the present time (If the time is set).

OPERATION

Memory Programming

Multi-Stage Cooking

- 1 Upon pressing the **Program** button, the oven will enter the Program mode. The display will be cleared.



- 2 Using the Number buttons, enter the program number from 1 to 20.



- 3 Then, press the **Power Level** button to select power. By pressing the **Power Level** button repeatedly, you can select the power level - HI, MED, or LO.



- 4 Use the **Number** buttons to enter the cooking time. You can set a time from one second to 99 minutes, 99 seconds. To set a time over one minute, enter the seconds as well. For example, to set 10 minutes, enter 1,0,0,0.



- 5 Repeat steps 3 and 4 for II or III :tage memory programming.
- 6 Press the **Program** button to complete setting the memory. The display will show "0" or the present time (if the time is set).

Using Memory Programming

- 1 Press the **Number** buttons to select user-programmed memory functions (please refer to Memory Programming) from 1 to 20. The oven will start instantly without pressing the **Start** button.

Using the Start/30 sec.+ button

This button offers a convenient way to heat food in 30 sec. increments at the High power level.

- 1 Press the **Start/30 sec.+** button once for each 30 sec. you wish to cook the food. For example, press it twice for one minute. The time will display, and the oven starts automatically.

*Add 30 seconds to a program in progress by pressing the **Start/30 sec.+** button for each 30sec. you want to add.*

OPERATION

Using the Double Quantity button

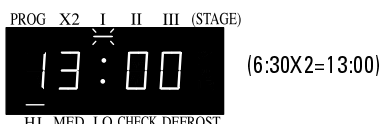
- 1 Press the **Double Quantity** button.



- 2 By using the **Number** buttons, enter the Memory Program number from 1 to 20. For example, suppose you press "5", for Memory Program 5 which is Stage I I :Power Level with cooking time of 6 minutes and 30 seconds.



- 3 The Memory Program then operates for double the user-programmed time, which in this case is 13 minutes.



- NOTE : The maximum allowable cooking time is 99 min. 99 sec. If doubling the programmed time exceeds the maximum allowable cooking time, then actual cooking time will be limited to 99 min. 99 sec.

Using the Auto Defrost button

- 1 Press the **Auto Defrost** button. If you have set your oven for metric measure, the display shows "0.2Kg".



If you have set your oven for lbs. measure, the display shows "0.5 LB"



- 2 To set the weight of your food, press the **Auto Defrost** repeatedly or **Number** buttons. The Auto Defrost button increases the weight by 0.2Kg increments up to 2.6Kg. (by 0.5lb increments up to 6.0lbs). If you want to input 1.2Kg by **Number** buttons, press 1,2 in turn.



- 3 The oven calculates the defrosting time and starts automatically. Twice during defrosting, the oven will beep.
- 4 Press the **Stop/Clear** button, open the oven door, and turn the food over.
- 5 Press the **Start/30 sec.+** button to resume defrosting.

OPERATION

Using the Check button

Confirming the cooking time and Power Level in each Memory Program

- 1 Press the **Check** button to enter Check mode. The display will be cleared.



- 2 By using **Number** buttons, enter the Memory Program number from 1 to 20. For example, suppose you press "5", for Memory Program 5 which is I Stage : I Power Level with a cooking time of 6 minutes and 30 seconds.



- 3 After one second, the display will clear automatically. If you want to check other Memory Programs, just enter the Memory Program numbers.

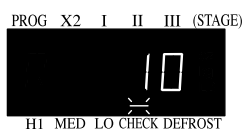
- 4 Press the **Stop/Clear** button to exit the Check mode.

Reading each Memory Program's Cycle Counter

- 1 Press the **Check** button. The display will be cleared.



- 2 Press the **Start** button, and then press any **Number** button, from 1 to 20, and the number of cycles for that particular Memory Program will be displayed. The cycle count is displayed in units of 10. For example, if Memory Program 5 has been used 100 times, the display will show "10".



As the display uses units of 10, the cycle counts are approximate. The cycle count displayed increases every ten cycles. For example, if the cycle count were 90-99, "9" would be displayed. The "9" would change to "10" on the 100th cycle. The cycle counter function has a limit of 99,990 cycles. Once that number is exceeded, the cycle counter will automatically clear and start again from "0".

- 3 After one second, the display will clear automatically. If you want to check the cycle count of other Memory Programs, just enter the Memory Program numbers.

- 4 Press the **Stop/Clear** button to exit the Checking mode.

OPERATION

Resetting the Memory Program Cycle Counter

- 1 Clear all operations by pressing the **Stop/Clear** button.
The display will show " : 0 " or the present time (If the time is set).
- 2 Press **Number " 0 "** and the **Auto Defrost** button at the same time.
The Microwave will emit a Beep sound confirming the reset operation.
The display will show " : 0 " or the present time (If the time is set).

Setting the Sound

- 1 Press the **Sound** button to adjust sound volume. The basic sound volume is "LO" and when you press the **Sound** button repeatedly, the sound volume changes in the following order - MED, HI, OFF, LO.

Indicator	Sound
HI	Loud
MED	Middle
LO	Low
Blank	Off

PROG X2 I II III (STAGE)



- 2 Press the **Start** button to exit the Sound mode.
The display will show " : 0 " or the present time (If the time is set).

APPENDIX

Specifications

Model Number	CM929B
Oven Cavity	1.0cuft
Controls	4 power levels, including defrost
Timer	30 minutes
Power Consumption	1400 W, 13 A
Power Source	120 VAC, 60 Hz
Power Output	1000 Watts
Outside Dimensions	20 ^{11/32"} (W) X 11 ^{11/16"} (H) X 16 ^{7/32"} (D)
Oven Cavity Dimensions	13 ^{7/32"} (W) X 8 ^{27/32"} (H) X 13 ^{3/4"} (D)
Net/Gross Weight	38.6 / 41.9 lbs



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