

SOLWAVE

User Manual



1000W Stackable 1.2 Cu. Ft. Commercial Microwave



Model: 180MW112T

05/2017

Please read and keep these instructions. Indoor use only.

IMPORTANT SAFETY INSTRUCTIONS

- **When using electrical equipment, basic safety precautions should be followed to reduce the risk of burns, electrical shock, fire, or injury to persons.**
 - **READ all of the instructions before using this equipment.**

1. This equipment **MUST BE GROUNDED**. Connect only to properly **GROUNDED** outlet. See "GROUNDING INSTRUCTIONS" on page 3 for further details.
2. Use this equipment **ONLY** for its intended use as described in this manual. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
3. **DO NOT** heat items able to explode in this microwave, such as: eggs, sealed containers, glass jars, etc.
4. **DO NOT** operate this equipment if the cord, plug and/or door is damaged, if is not working properly or if it has been damaged or dropped.
5. This equipment, including power cord, must be serviced **ONLY** by qualified service personnel. Contact the nearest authorized service facility for examination, repair, or adjustment.
6. **DO NOT** cover or block filter or other openings on equipment.
7. **DO NOT** store this equipment outdoors.
8. **DO NOT** use this product near water or immerse the cord and/or plug in water.
9. Keep cord **AWAY** from **HEATED** surfaces.
10. **DO NOT** let cord hang over edge of table or counter.
11. **DO NOT** overcook food as to avoid fire in oven cavity.
12. If materials inside 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.
13. **DO NOT** use the cavity for storage.
14. Do not overheat liquids.
15. After heating, allow the container to stand in the microwave oven for a short time before removing the container.
16. **DO NOT** operate equipment without load or food in oven cavity.
17. **DO NOT** use metal utensils in oven.
18. **NEVER** use paper, plastic, or combustible materials that are not intended for cooking.
19. Clean oven regularly and remove any food deposits.
20. For commercial use only.

SAVE THESE INSTRUCTIONS

- To avoid risk of electrical shock or death, this oven must be earthed. To avoid risk of electrical shock or death, do not alter the plug.

OPENING YOUR NEW OVEN

1. Inspect oven for any damage such as cracks or dents in door or inside oven cavity.
2. Remove all materials from oven interior.
3. Remove all plastic wrap and packaging material before use.
4. Do not install oven next to or above source of heat, such as pizza oven or deep fat fryer. This could cause the microwave oven to operate improperly and could shorten life of electrical parts.
5. Install oven on a level countertop surface.
6. Outlet should be located so that the plug is accessible when oven is in place.

GROUNDING INSTRUCTIONS







Oven MUST be grounded. Grounding reduces risk of electric shock by providing an escape wire for the electric current, if an electrical short occurs. This oven is equipped with a cord having a ground wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded. Do not use an extension cord.

OPERATION INSTRUCTIONS


Turning The Oven On:

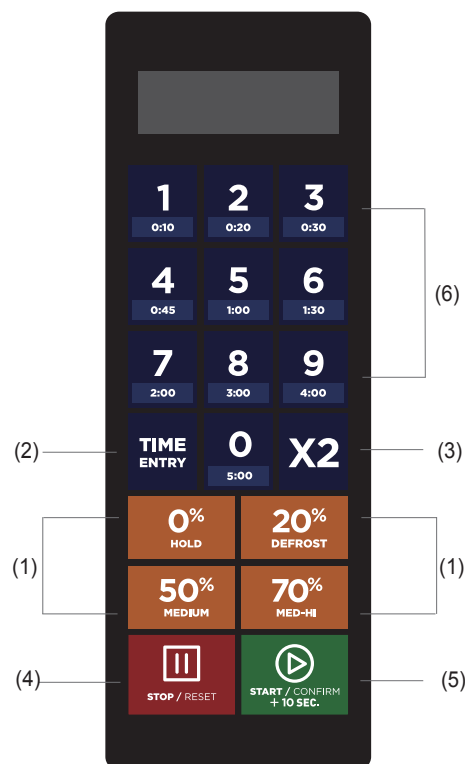
- “-- --” displays when the oven is powered up for the first time.

Time Entry:

- The user may manually enter a cook time and power level while in this mode.
- During Ready Mode LED displays “0:00”.
- While the oven is in the Ready Mode, pressing the  key will put the oven into Time Entry Mode: “00:00” will display.
- Press ,  or  key to select power level, LED will display the related power. If the same key is pressed twice, the power will change to PL10 (Power Level 10 or full power). If no power is chosen, PL10 is the default.
- During setting process, press the  key to enter Time Entry Mode and begin cooking. Press the  key to enter Ready Mode.

Manual Cook Mode:

- This mode allows cooking of the food items. While in Manual Cook Entry Mode, pressing the  key will cause the oven to begin Manual Cook Mode.
- During this mode, cooking time displays, the fan operates and oven light will be on.



- (1) Power Buttons
- (2) Time cook Button
- (3) X2 Button
- (4) Stop/Reset Button
- (5) Start Button
- (6) Number Button

Power Up

1. " _ _ _ _ " displays when the oven is connected to power for the first time. Press red "STOP/RESET" button to enter Idle Mode.
Note: While in Idle Mode, no buttons can be pressed.

Idle Mode

1. The oven will enter Idle Mode after a number of seconds have expired in Ready Mode or Pause Mode without a key being pressed or the door being opened & closed. The number of seconds is determined by the Keyboard Timeout Window, set by User Option 4.
2. During Idle Mode the display is blank and there will be no oven activity.
3. Opening and then closing the oven door will cause the oven to exit Idle Mode and enter Ready Mode.

Ready Mode

1. Opening and then closing the oven door while in Idle Mode will put the oven into Ready Mode.
2. During Ready Mode, "READY" displays.
3. From the Ready Mode, the oven can go into almost all of the other modes.
4. The fan and the lamp remain on for 60 seconds after last use. This is a cooldown feature of the microwave.

Door Open Mode

1. While the oven door is open, the oven will enter Door Open Mode.
2. During this mode, the display is blank. If the door is opened during cooking, "DOOR" and "OPEN" will display in turn.
3. When the door is closed, if User Option OP:60 is selected and the oven was running a manual or preset cook cycle, the oven shall enter Pause Mode. In all other cases, the oven shall be put into Door Open Mode with User Option OP:61 set, any information about a running Manual or Preset Program will be cleared.

Pause Mode

1. While in Manual Cook Mode or Preset Program Cook Mode, the oven will enter Pause Mode if the door is opened & closed or if the red "STOP/RESET" button is pressed.
2. While in Pause Mode, the oven will display the remaining cooking time.
3. Only the fan and lamp will be on during Pause Mode.
4. Pause Mode will expire back to Idle Mode in the exact fashion as Ready Mode, dependent on User Option 4.
5. If the red "STOP/RESET" button is pressed, the oven will enter Ready Mode.
6. If the green "START/CONFIRM" button is pressed, the oven will go into Working Mode.

Manual Cook Entry Mode

1. While the oven is in Ready Mode, press the "TIME ENTRY" button to enter Manual Cook Entry Mode.
2. While in Manual Cook Entry Mode, the oven will display "00:00".
3. Press the "HOLD 0%", "DEFROST 20%", "MEDIUM 50%", or "MED-HI 70%" button to select power level and it will be displayed on the LED.
4. If the same button is pressed twice, the power will change to "PL10". If no power is chosen, "PL10" is default.
5. Only the fan and lamp will be on during Manual Cook Entry Mode.
6. If the red "STOP/RESET" button is pressed, the oven the oven will enter Ready Mode.
7. If the green "START/CONFIRM" button is pressed, the oven will go into Manual Cook Mode.

Manual Cook Mode

1. Press the green "START/CONFIRM" button to enter Manual Cook Mode.
2. During this mode, the remaining cooking time is displayed and the fan and oven lamp will be on.
3. When cooking program finishes, the oven will enter End of Cook Cycle Mode.
4. If the red "STOP/RESET" button is pressed, the oven will enter Pause Mode.

End of Cook Cycle Mode

1. After the time has expired in Manual Cook Mode or a Preset Program Cook Mode, the oven will enter the End of Cook Cycle Mode.
2. During this mode "DONE" is displayed.
3. If either User Option "OP:11" or "OP:12" is selected, the oven shall continue to sound until the user acknowledges this by either opening and then closing the door or pressing the red "STOP/RESET" button. If User Option "OP:10" is selected, the oven will enter Idle Mode after the 3 second beep.

Preset Program Cook Mode

1. This mode allows cooking through a one button operation.
2. While in Ready Mode, press one of the ten digit buttons on the keyboard to run the Preset Program associated with that button.
3. Remaining cooking time will be displayed. If it is a multi-stage cooking preset, the total remaining time will be displayed, not a particular stage cooking time.
4. When the cooking program is finished, the oven will enter End of Cook Cycle Mode.
5. If the red "STOP/RESET" button is pressed, the oven will enter Pause Mode.

On the Fly Cooking

1. While the oven is cooking or in Pause Mode, if User Option "OP:51" is selected, press a preset button to start it's Preset Cooking Program automatically.
2. The remaining cooking time will be displayed.
3. When the cooking program is finished, the oven will enter End of Cook Cycle Mode.
4. If the red "STOP/RESET" button is pressed, the oven will enter Pause Mode.

NOTE: See following page for User Option setting instructions.

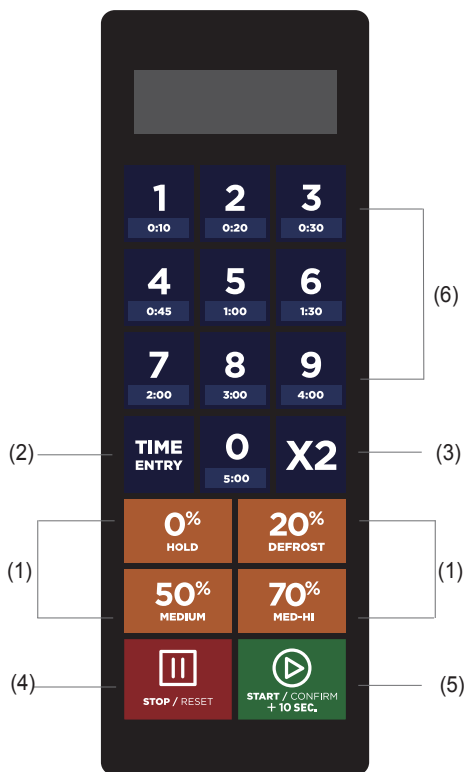
Programming Mode

This mode allows the user to assign cook times and power levels to the one touch buttons.

1. Open the door and press "1" for (5) five seconds. The buzzer will sound once and enter Programming Mode.
2. "PROGRAM" will show in the LED display.
3. Press any number (0-9) and the LED will display the saved time. Then you can input the time you need.
4. Press the desired Power Button (0% HOLD, 20% DEFROST, 50% MEDIUM, or 70% MED-HI) to input the power level. The LED display will show the related power. If the same button is pressed twice, or if no power is chosen, "PL10" is default.
5. To change the cooking factors: If you press "X2", LED display will show "CF:80". 80% is the default power. If you would like to change the power, press one of the Power Buttons to set.
6. After setting the time and power, press and hold the green "START/CONFIRM" button for 30 seconds. The LED display will show "PROGRAM" once settings have been saved.
7. If the set cooking time exceeds the maximum time, a buzzer will sound when "START/CONFIRM" is pressed. The LED display will return to "PROGRAM" and the previously set time will not change.
8. To return to Ready Mode: Close the door.
9. To cancel programming, press the "PAUSE/RESET" button to return to Door Open Mode. Unsaved program will be lost.
10. If there is a program saved as a memory feature, press the related number button and the saved program will start. If there is no saved program set, the buzzer will sound when the number button is pressed.

Note:

1. If the electricity is cut off, the saved programs will NOT be lost.
2. If a program needs to be reset, just repeat the above steps.
3. If "STOP/RESET" is pressed at the last step, the microwave will return to Door Open Mode and the setting will NOT be saved.



- (1) Power Buttons
- (2) Time cook Button
- (3) X2 Button
- (4) Stop/Reset Button
- (5) Start Button
- (6) Number Button

Double Quantity Cooking

1. When the oven is in Ready Mode, press "X2" button and then press any number button within 5 seconds to begin cooking with the preset cooking setting adjusted for quantity.
2. When the "X2" button is pressed "DOUBLE" will be displayed. When a number button is pressed, the quantity preset time will be displayed.
For Example: Number button "5" has a preset time of 1:00. When "X2" is pressed beforehand, the time will change to 1:48 (1:00 x 1+0.8).
3. When the cooking program finishes, the oven will enter End of Cook Cycle Mode.

Stage Cooking Programming

This allows the user to cook food items at a combination of various Power Levels.

1. A maximum of (3) three stages can be set under Cooking Mode or Memory Mode.
2. Set the power and time for the first stage, then press "TIME ENTRY" to set the second stage. Repeat to set the third stage.
3. When setting the second or third stage, upon pressing "TIME ENTRY", "STAGE-2" or "STAGE-3" will be displayed.
4. Press the green "START/CONFIRM" button to start cooking.

User Option Mode

1. Open the oven door and press "2" for 5 seconds. The buzzer will sound and the oven will enter User Option Mode.
2. "OP: -" will be displayed.
3. Press any number button to enter related mode setting.
For Example: To set the volume of the buzzer to medium: Press "2", "OP:22" will be displayed. If you want to change, keep pressing "2". The LED will display "OP:20", "OP:21", "OP:22", "OP:23", "OP:20" in cycle.
4. Press the green "START/CONFIRM" button to save the current setting. After it is saved, "OP: -" will display again.
5. If the green "START/CONFIRM" button is NOT pressed at the last step, the program will NOT be saved and it will revert to its previous setting.
6. During the setting process, press red "STOP/RESET" button to enter Door Open Mode. Closing the door will enter Ready Mode.

USER OPTIONS

Bold = Default

OPTION	SETTING	DESCRIPTION
1: End of Cooking Tone	OP:10	3 Second Beep
	OP:11	Continuous Beep
	OP:12	5 Quick Beeps, Repeating
2: Beeper Volume	OP:20	Beeper Off
	OP:21	Low
	OP:22	Medium
	OP:23	High
3: Beeper On/Off	OP:30	Beeper Off
	OP:31	Beeper On
4: Keyboard Input Time Window	OP:40	15 Seconds
	OP:41	30 Seconds
	OP:42	60 Seconds
	OP:43	120 Seconds
5: On The Fly	OP:50	Disabled
	OP:51	Enabled
6: Door Reset	OP:60	Disabled
	OP:61	Enabled
7: Maximum Cook Time	OP:70	60 Minutes
	OP:71	10 Minutes
8: Manual Programming	OP:80	Disabled
	OP:81	Enabled
9: Double Digit	OP:90	Single Digit Mode - 10 Programs
	OP:91	Double Digit Mode - 100 Programs

Service Mode

1. Open the oven door and press "3" for 5 seconds to enter Service Mode.
2. "SERVICE" will be displayed.
3. To check the number of times the door has been opened or closed, press the number "3". The LED will display the times.
4. To clear this number, press number "4". "4-CLEAR" will be displayed. Press the green "START/CONFIRM" button and "CLEARED" will be displayed. The message will be cancelled.
5. Press the red "STOP/RESET" button to enter Door Open Mode.
6. Close the door to enter Ready Mode.

Restore Factory Default Settings

1. In Power Up or Ready Mode, press the green "START/CONFIRM" and "0" buttons simultaneously to Restore Factory Defaults.

CARE AND CLEANING

- **To avoid electrical shock which can cause severe personal injury or death, unplug power cord or open circuit breaker to oven before cleaning or removing light bulb.**

- Cleaning the interior and exterior will require a mild detergent, water and a soft sponge or cloth.
- Do not use cleaners that include ammonia or citrus.
- Do not use water pressure cleaning systems on your microwave.
- Inspect air vents monthly and clean using a damp cloth.

TROUBLESHOOTING

COMPLAINT	POSSIBLE CAUSE	REMEDY
Dim oven light	Cooking at low power level	This is normal
Steam forms on oven door	When cooking foods in a microwave steam is generated.	This is normal
Hot air expelled from vents	Foods cooking in a microwave may release heat	This is normal
Oven does not start	Power cord not plugged in correctly	Plug cord into outlet correctly
	Fuse blown or circuit breaker open	Replace fuse (should be repaired by authorized servicer) or reset breaker
	Malfunctioning outlet	Test outlet with other electrical appliance
	Door not closed	Close door

WARRANTY

1 YEAR REPLACEMENT WARRANTY

- This warranty is effective from the time of purchase.
- This warranty is not effective if damage occurs because of accident, carelessness, improper installation, lack of proper set – up, supervision when required or if the equipment is installed or operated in any manner contrary to the installation and operating instructions.
- Work performed by unauthorized personnel or unauthorized service agencies voids this Warranty
- This warranty does not apply to, and Solwave is not responsible for any warranty claims on products sold or used outside of the contiguous United States.
- This equipment is intended for commercial use only. Warranty is void if equipment is installed in anything other than commercial applications.