

MENUMASTER[®]
Commercial

Owner's Manual

High Speed Combination Oven



MXP - 50 Hz
December 2011
16400017

ACP
INC.[™]
New
HIGH PERFORMANCE HAS A NAME[™]

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1 | Important Safety Information

Important Information

Important Notices for Servicers and Consumers

ACP will not be responsible for personal injury or property damage from improper service procedures. Pride and workmanship go into every product to provide our customers with quality products. It is possible, however, that during its lifetime a product may require service. Products should be serviced only by a qualified service technician who is familiar with the safety procedures required in the repair and who is equipped with the proper tools, parts, testing instruments and the appropriate service information. IT IS THE TECHNICIAN'S RESPONSIBILITY TO REVIEW ALL APPROPRIATE SERVICE INFORMATION BEFORE BEGINNING REPAIRS.

 WARNING
To avoid risk of severe personal injury or death, disconnect power before working/servicing on appliance to avoid electrical shock.

To locate an authorized servicer please contact:

ComServ Support Center



Web Site
WWW.ACPSOLUTIONS.COM

Telephone Number
..... 1-866-426-2621 or 319-368-8195

E-Mail: commercialservice@acpsolutions.com

Recognize Safety Symbols, Words, and Labels

 DANGER

DANGER— Immediate hazards which WILL result in severe personal injury or death.

 WARNING
--

WARNING— Hazards or unsafe practices which COULD result in severe personal injury or death.

 CAUTION
--

CAUTION— Hazards or unsafe practices which COULD result in minor personal injury, product or property damage.

Important Safety Information



WARNING

Read the following information to avoid possible exposure to microwave radiation:

The basic design of the Microwave Oven makes it an inherently safe device to both use and service.

However, there are some precautions which should be followed when servicing the microwave to maintain this safety. These are as follows:

1. Always operate the unit from an adequately grounded outlet. Do not operate on a two-wire extension cord.
2. Before servicing the unit (if unit is operable) perform the microwave leakage test.
3. The oven should never be operated if the door does not fit properly against the seal, the hinges or hinge bearings are damaged or broken; the choke is damaged, (pieces missing, etc.); or any other visible damage can be noted. Check the choke area to ensure that this area is clean and free of all foreign matter.
4. If the oven operates with the door open and produces microwave energy, take the following steps:
 - A. Tell the user not to operate the oven.
 - B. Contact ACP ComServ immediately.
5. Always have the oven disconnected when the outer case is removed except when making the "live" tests called for in the Service Manual. Do not reach into the equipment area while the unit is energized. Make all connections for the test and check them for tightness before plugging the cord into the outlet.
6. Always ground the capacitors on the magnetron filter box with an insulated-handle screwdriver before working in the high voltage area of the equipment compartment. Some types of failures will leave a charge in these capacitors and the discharge could cause a reflex action which could make you injure yourself.
7. Always remember that in the area of the transformer there is HIGH VOLTAGE. When the unit is operating keep this area clear and free of anything which could possibly cause an arc or ground, etc.
8. Do not for any reason defeat the interlock switches there is not valid reason for this action at any time; nor will it be condoned by ACP.
9. IMPORTANT: Before returning a unit to a customer, be sure to check for proper switch interlock action.
10. The Microwave Oven should never be operated with any components removed and/or bypassed or when any of the safety interlocks are found to be defective, or when any of the seal surfaces are defective, missing, or damaged.
11. All microwave ovens meet all requirements of the radiation control for Health and Safety Act of 1968. Due to measurement uncertainties, the maximum leakage for the field will be $4\text{mw}/\text{cm}^2$.
12. To ensure that the unit does not emit excessive microwave leakage and to meet the Department of Health and Human Services guidelines, check the oven for microwave leakage using a microwave oven leakage meter that complies with US Government CDRH / FDA / DHHS requirements and or any other local government requirements. The maximum leakage level allowed by ACP is $4\text{mw}/\text{cm}^2$.
13. If servicer encounters an emission reading over $4\text{mw}/\text{cm}^2$, the servicer is to cease repair and contact the ACP ComServ Department immediately for further direction. ACP will contact the proper Government Agency upon verification of the test results.

IMPORTANT SAFETY INSTRUCTIONS



Recognize this symbol as a **SAFETY** message



WARNING

When using electrical equipment, basic safety precautions should be followed to reduce the risk of burns, electrical shock, fire, or injury to persons including the following.

1. READ all instructions before using equipment.
2. READ AND FOLLOW the specific “PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY” on this page.
3. This equipment **MUST BE GROUNDED**. Connect only to properly **GROUNDED** outlet. See “**GROUNDED / EARTHING INSTRUCTIONS**” on page 5.
4. Install or locate this equipment **ONLY** in accordance with the installation instructions in this manual.
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 equipment **ONLY** for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this equipment. 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 equipment, **CLOSE SUPERVISION** is necessary when used by **CHILDREN**.
8. See door cleaning instructions on page A-4 of this owners manual.
9. **DO NOT** heat baby bottles in oven.
10. Baby food jars shall be open when heated and contents stirred or shaken before consumption, in order to avoid burns.
11. **DO NOT** operate this equipment if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
12. This equipment, including power cord, must be serviced **ONLY** by qualified service personnel. Special tools are required to service equipment. Contact nearest authorized service facility for examination, repair, or adjustment.
13. **DO NOT** cover or block louvers or other openings on equipment.
14. **DO NOT** store this equipment outdoors. **DO NOT** use this product near water – for example, near a kitchen sink, in a wet basement, a swimming pool, or a similar location.
15. **DO NOT** immerse cord or plug in water.
16. Keep cord **AWAY** from **HEATED** surfaces.
17. **DO NOT** let cord hang over edge of table or counter.
18. For commercial use only.

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 oven front face and the door too 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)
 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.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS



WARNING

To avoid risk of fire in the oven cavity:

- a. DO NOT overcook food. Carefully attend oven when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
- b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.
- c. 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.
- d. DO NOT use the cavity for storage. DO NOT leave paper products, cooking utensils, or food in the cavity when not in use.



WARNING

Liquids such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling due to surface tension of the liquid. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID. To reduce the risk of injury to persons:

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



CAUTION

To avoid personal injury or property damage, observe the following:

1. Do not deep fat fry in oven. Fat could overheat and be hazardous to handle.
2. Do not cook or reheat eggs in shell or with an unbroken yolk using microwave energy. Pressure may build up and erupt. Pierce yolk with fork or knife before cooking.
3. Pierce skin of potatoes, tomatoes, and similar foods before cooking with microwave energy. When skin is pierced, steam escapes evenly.
4. Do not operate equipment without load or food in oven cavity.
5. Microwave popcorn should not be popped in oven.
6. Do not use regular cooking thermometers in oven. Most cooking thermometers contain mercury and may cause an electrical arc, malfunction, or damage to oven.
7. Do not use metal utensils in oven.
8. Do not use aluminum foil in oven
9. Never use paper, plastic, or other combustible materials that are not intended for cooking.
10. When cooking with paper, plastic, or other combustible materials, follow manufacturer's recommendations on product use.
11. Do not use paper towels which contain nylon or other synthetic fibers. Heated synthetics could melt and cause paper to ignite.
12. Do not heat sealed containers or plastic bags in oven. Food or liquid could expand quickly and cause container or bag to break. Pierce or open container or bag before heating.
13. To avoid pacemaker malfunction, consult physician or pacemaker manufacturer about effects of microwave energy on pacemaker.
14. An authorized servicer MUST inspect equipment annually. Record all inspections and repairs for future use.

SAVE THESE INSTRUCTIONS

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AXP5201 / AXP5203 / MXP5201 / MXP5203, MXP5221 / MXP5223 50 Hz Specifications

Installation

- Unpacking the oven
- Oven Clearances

Power Specification

- Input
- Output
- Consumption

Dimensions

- Weight

Installation

STEP 1 - Unpack Oven

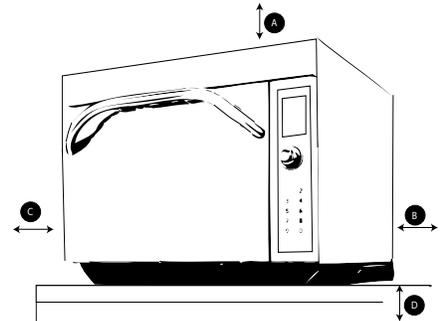
- Inspect oven for damage such as dents in door or inside oven cavity.
- Report any dents or breakage to source of purchase immediately.
Do not attempt to use oven if damaged.
- Remove all packing materials from oven interior.
- If oven has been stored in extremely cold area, wait a few hours before connecting power.

STEP 2 - Place Oven on Counter

- Recommended countertop surface depth is 26" (66 cm).
- Do not install oven next to or above source of heat, such as pizza oven or deep fat fryer. This could cause oven to operate improperly and could shorten life of electrical parts.
- Do not block or obstruct oven filter. Allow access for cleaning.
- Install oven on level countertop surface.
- Outlet should be located so that plug is accessible when oven is in place.

STEP 3 - Install Rack

- Install oven rack
 1. Oven cavity must be cool to touch.
 2. Place rack in oven with rear guard positioned toward the back of the oven.
- **DO NOT** cook food directly on floor of oven.



Oven Clearances

- A—For North American (UL/CSA) models, allow at least 2" (5.1 cm) of clearance around top of oven. For International (50 Hz) models, allow at least 7" (18 cm) of clearance around top of oven. Proper air flow around oven cools electrical components. With restricted air flow, oven may not operate properly and life of electrical parts is reduced.
- B—Allow at least 2" (5.1 cm) between air discharge on back of oven and back wall.
- C—Allow at least 2" (5.1 cm) of clearance around sides of oven.
- D—Install combination oven so oven bottom is at least 3 feet (91.5 cm) above floor.

Specifications AXP5201, AXP5203 MXP5201, MXP5203, MXP5221, MXP5223

MXP5221 / MXP5201 MXP5223 / MXP5203

Power Source		
Voltage AC	208/240 VAC	400 VAC
Amperage (Single Unit)	32 A	16 A
Frequency	50 Hz	50 Hz Wye
Single Phase, 3 wire grounded	X	3 phase, 5 wire
Receptacle	IEC-309	IEC-309
Plug	IEC-309	IEC-309
Power Output – Microwave		
Nominal microwave energy (IEC705)	2200 Watts	2200 Watts
Minimum Temperature Rise (ΔT)	12°C	12°C
Operating Frequency	2450 MHz	2450 MHz
Power Consumption	5700 Watts	5700 Watts
Microwave only	4200 Watts	4200 Watts
Convection fan	425 Watts	425 Watts
Radiant heater	3000 Watts	3000 Watts
Convection heater	2000 Watts	2000 Watts
Combination	5300 Watts	5300 Watts
Dimensions		
Cabinet (in / cm)		
Width	63.5 cm	63.5 cm
Height	51 cm	51 cm
Depth (includes bracket on back)	65 cm	65 cm
Oven Interior (in / cm) – useable space		
Width	41 cm	41 cm
Height	20 cm	20 cm
Depth	38 cm	38 cm
Weight (lbs. / kg)		
Uncrated	68 kg	68 kg
Crated	79 kg	79 kg

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Refer to Product Safety Manual for Safety Statements. Complete Owner's Manual available online

Oven Controls

The oven touch screen displays menu options. The dial, keypad and touch screen can be used to navigate through onscreen menus. **This guide will focus primarily on the dial control for menu navigation.**

Dial Menu Navigation

1. Rotate the dial clockwise to scroll through menu options.
2. The current menu selection will be highlighted.
3. To select menu item, press dial.

The icons below will be used throughout this guide to indicate when menu navigation other than the dial is necessary.



Selecting a Function



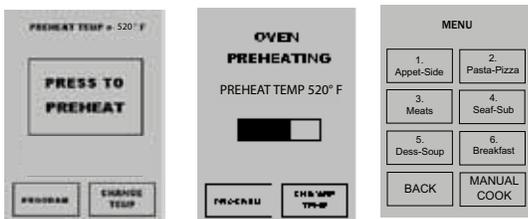
Highlight menu items by rotating the dial. Push the dial to select.

Getting Started

Preheating the Oven

This oven can be set to a preheat temperature between 200°F and 520°F (95°C and 270°C).

1. Oven must be plugged in.
2. The Preheat Temperature the oven is set to will appear at the top of the display.
2. Rotate the dial to highlight the PRESS TO PREHEAT button and press to select.
3. Oven Preheating status menu will display until oven reaches preheat temperature. The main menu screen will then appear.



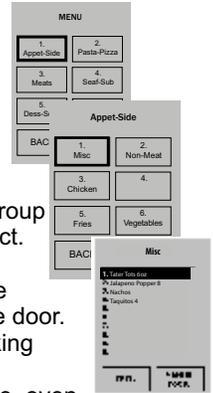
Programming or Changing Preheat Setting To program the preheat setting:

1. Oven must be plugged in.
2. Rotate dial until CHANGE TEMP is highlighted and press dial to select.
3. Rotate dial until desired temperature is displayed and press knob to select.

Cooking with Pre-programmed Pads

To cook food using pre-programmed menu items

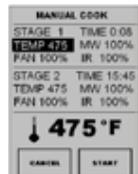
1. After oven has preheated to the desired temperature, highlight desired menu category by rotating the dial and press to select.
2. Highlight menu item group and press dial to select.
3. Highlight item.
4. Open oven door, place food in oven and close door.
5. Push dial to start cooking process.
6. At end of cooking cycle, oven beeps and displays "DONE. REMOVE FOOD FROM OVEN"



Using MANUAL COOK

To cook food using a specific entered time and power level.

1. After oven has preheated, Select MANUAL COOK option on the menu screen by rotating dial and press to select.
2. For Stage 1, input desired cooking time using the dial. Press dial.
3. Input desired temperature. Press dial.
4. Rotate dial until desired microwave cooking power is displayed and press.
5. Rotate dial until desired cooking fan speed is displayed. Press to select.
6. Rotate dial until desired heating setting is displayed and press.
7. Repeat steps 2-6 for each cooking stage, if more than one stage is necessary.
8. Place food in oven as indicated on the oven display.
9. Press start pad or touch screen to start.



10. At end of cooking cycle, oven beeps and displays "DONE. REMOVE FOOD FROM OVEN".

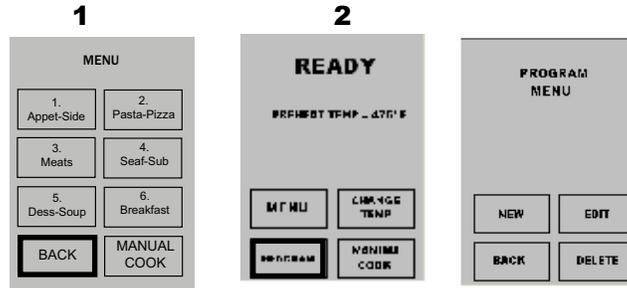
Note: To interrupt cooking cycle, open door. To resume cooking, close door and press start.

ACCESSING THE PROGRAM MENU

1. To access the PROGRAM MENU, select the BACK button on the main menu screen.



2. Then select PROGRAM from the READY screen.



PROGRAM MENU OVERVIEW

- NEW** – Add a new menu item
- BACK** – Go to previous screen
- EDIT** – Change an existing menu item
- DELETE** – Delete an existing menu item



ADDING OR CHANGING MAIN MENU LEVEL OR ITEM GROUP MENU

1. From PROGRAM MENU rotate dial to select NEW to add an item or EDIT to edit an existing menu item.

2. From the MENU or MENU ITEM GROUP screen select EDIT MENU (border will flash).

3. Using the dial, highlight pad you wish to program or edit and press dial to select.

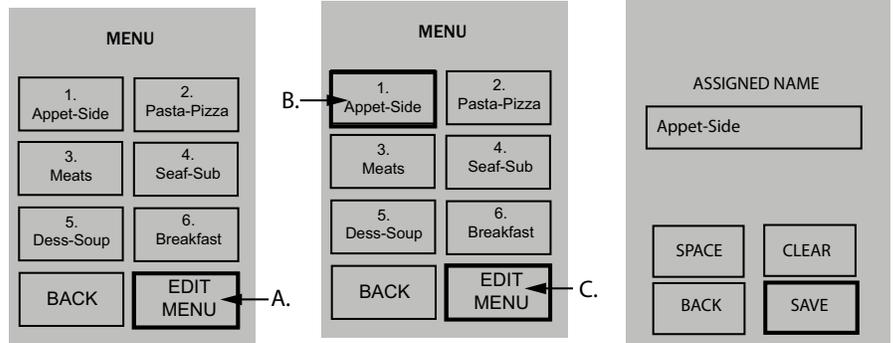
4. Enter name for menu using keypad digits for letters, numbers and symbols. **[For example: Press Keypad “2” three times for letter “c”]**

When the correct letter is displayed, wait until cursor moves to the next space. If a correction is necessary, press CLEAR to erase one character at a time.

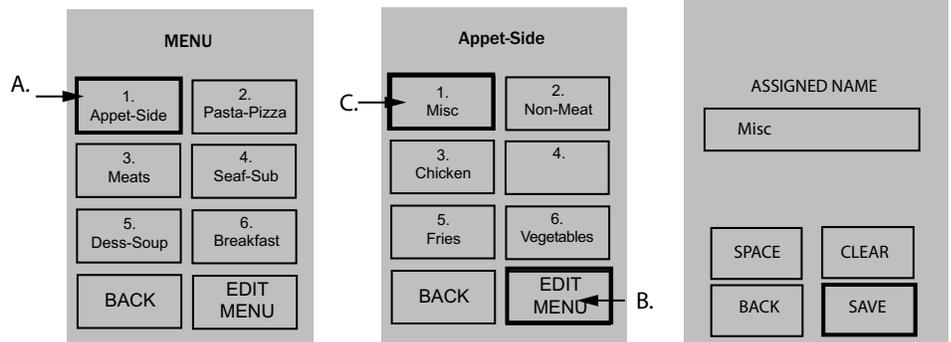


Keypad Press	Character Display
1	“, -, #, 1
2	a, b, c, A, B, C, 2
3	d, e, f, D, E, F, 3
4	g, h, i, G, H, I, 4
5	j, k, l, J, K, L, 5
6	m, n, o, M, N, O, 6
7	p, q, r, s, P, Q, R, S, 7
8	t, u, v, T, U, V, 8
9	w, x, y, z, W, X, Y, Z, 9
0	&, %, \$, 0

EDITING MAIN MENU CATEGORY SCREEN



EDITING FOOD CATEGORY SCREEN



4. Highlight SAVE button and press dial to select when item is complete. If you do not wish to save the entry, press the back button to return the oven to Program Edit without saving.
5. Press BACK button to return to READY display.

AXP5201 / AXP5203 / MXP5201 / MXP5203

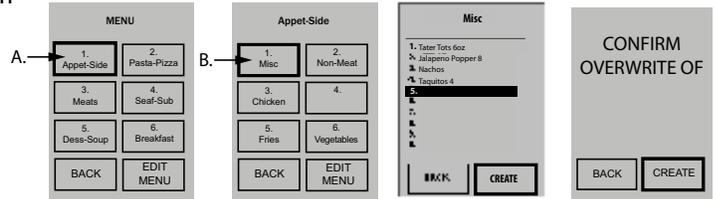
Quick Start Reference Guide | High Speed Commercial Combination Oven

ADDING ITEM TO ITEM MENU

1. Select NEW from the PROGRAM MENU to add a new item or EDIT to edit item.
2. Select category you wish to change from MAIN MENU and ITEM GROUP Menus.
3. At the ITEM MENU, rotate dial until item to be added or changed is highlighted and press dial. The confirm screen will appear and ask you to confirm the change you're making. Touch CREATE or press knob to CONFIRM OVERWRITE. Note - When editing an item the CONFIRM OVERWRITE screen does not appear.



CREATING NEW ITEM GROUP



The cooking program menu will appear

4. For Stage 1 rotate the dial to input desired time.



5. Input desired temperature.



6. Input desired microwave power



7. Input desired fan speed



8. Input desired (IR) heating setting.



9. Press SAVE button on screen.



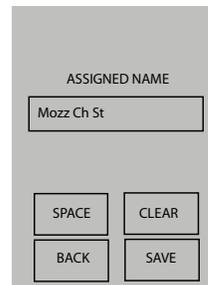
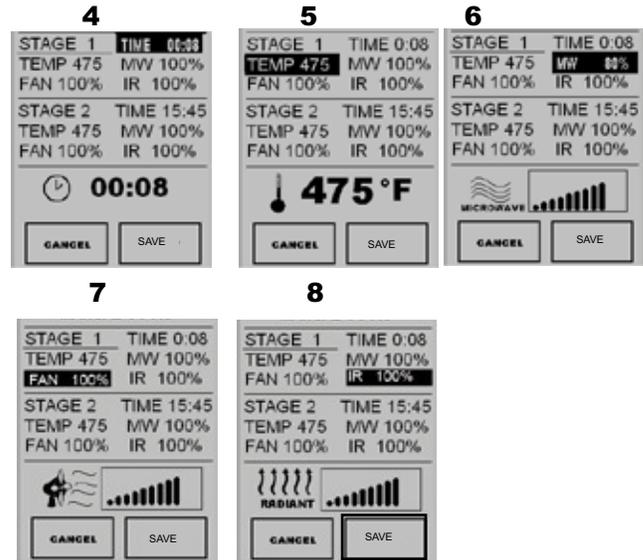
If necessary, repeat steps 4 through 8 for stages 2, 3, and 4.

10. Enter Item Names using letters on keypad and touch SAVE.



Keypad Press	Character Display
1	“, -, #, 1
2	a, b, c, A, B, C, 2
3	d, e, f, D, E, F, 3
4	g, h, i, G, H, I, 4
5	j, k, l, J, K, L, 5
6	m, n, o, M, N, O, 6
7	p, q, r, s, P, Q, R, S, 7
8	t, u, v, T, U, V, 8
9	w, x, y, z, W, X, Y, Z, 9
0	&, %, \$, 0

COOKING PROGRAM MENU



AXP5201 / AXP5203 / MXP5201 / MXP5203

Quick Start Reference Guide | High Speed Commercial Combination Oven

Refer to Product Safety Manual for Safety Statements. Complete Owner's Manual available online

Changing User Options



There are several options you can change to customize the operation of the oven for your business. The table below shows these options; the factory setting is shown in bold type.

- Oven must be off. To turn oven off, press OFF button on Keypad. 
- Press and hold "2" keypad for three seconds.
- Choose option by turning dial to highlight desired option. Press knob and the next option will be highlighted.
- Press SAVE when finished.

Option #	Setting Name	Options
1	Digit Entry	Single digit entry
		Double digit entry
2	Menu Setting	1 Level
		2 Levels
		3 Levels
3	Manual Lock	Manual cooking allowed
		Manual cooking not allowed
4	Program Lock	Changes to programs allowed
		Password needed
5	Door Open	Opening door resets timer
		Opening door pauses cook cycle
6	Keybeep	Off
		On
7	Keybeep Volume	Low
		Medium
		High
8	End of Cycle Beep	Continuous until door is opened
		Three beeps once
		Three beeps repeating
9	Keyboard Window	Off
		30 Seconds
		60 Seconds
		120 Seconds
10	Preheat Warnings	Off
		Warn if oven not at temp
11	Temperature Scale	Temperatures are displayed in °F for 60 Hz models
		Temperatures are displayed in °C for 50 Hz models
12	Clean Filter	Off
		Displays every 7 days
		Displays every 30 days
		Displays every 90 days
13	Auto Menu	From Preheat, go to Ready
		From Preheat, go to Menu
14	Magnetron Control	No individual tube programming
		Individual Tube Programming
15	Microwave Only Mode	No microwave only mode
		Allow microwave only mode
16	Manual Program Save	Do not save after manual cook
		Save after manual cook
17	Automatic Shut Off	2 Hours
		4 Hours
		8 Hours
		Disable
18	Data Transfer	Begin Transfer: Card to Oven
		Begin Transfer: Oven to Card
19	Preheat Temperature*	Enter Temperature in 5° increments 200°F (95°C) - 520°F (270°C)

* Option 19 not on all models

CLEAN FILTER



When this message displays, clean the air filter thoroughly. **Cleaning the air filter will not shut off the message.** The message will automatically stop displaying after 24 hours.

Depending on microwave use and environmental conditions, the filter may need to be cleaned more or less frequently. Once the frequency is determined, set the option for the appropriate time frame.

Air filter and vents must be cleaned regularly to prevent overheating of the oven. Refer to Owner's Manual for complete cleaning instructions.

AXP5201 / AXP5203 / MXP5201 / MXP5203

EZCard Programming

To program the oven using the EZCard:

Oven must be in Standby mode (Preheat must be OFF)

1. Open protective cover from bottom of keypad.

2. Insert the EZCard into the slot located below the vertical keypad.

Note: The EZCard can be inserted forwards or backwards.

3. From Standby, press and hold the “2” pad to go to “User Options”.

4. Go to Option #18 by pressing “Prev Option” on the screen or repeatedly pressing “Next Option”

5. Select the desired operation by highlighting “Transfer card to oven” or “Transfer oven to card” with the knob.

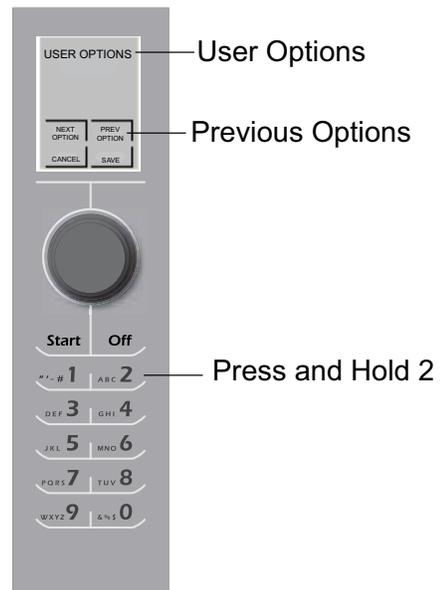
6. Press the “Start” pad to begin the transfer (The screen will indicate transferring and indicate done when transfer is complete.)

7. Press the SAVE pad to complete the process.

Note: You can exit from programming the oven by pressing “off” keypad.

8. Remove EZCard and close the protective cover.

Standby Mode



Touch Panel Symbol Description MXP5221 / MXP5223

The oven screen displays menu choices. The keypad is used to navigate through onscreen menus.

The icons below will be used throughout this guide to indicate menu navigation.



ON / OFF Keypad

- Press to preheat oven or turn oven off. (Fan will continue to run if temperature is over 200°F / 95°C).



TEMPERATURE Keypad

- Press to check set temperature
- Press to change temperature.
- Press Number keypads to enter or change temperature.
- Press Enter to save.

Menu Screen



Use Scroll Up and Scroll Down to highlight food categories.



PROGRAM Keypad

- Press to program new product or change existing programs.
- Press to start data key transfer.
- Press to change password.



EDIT

- Select to program new product or change existing programs.



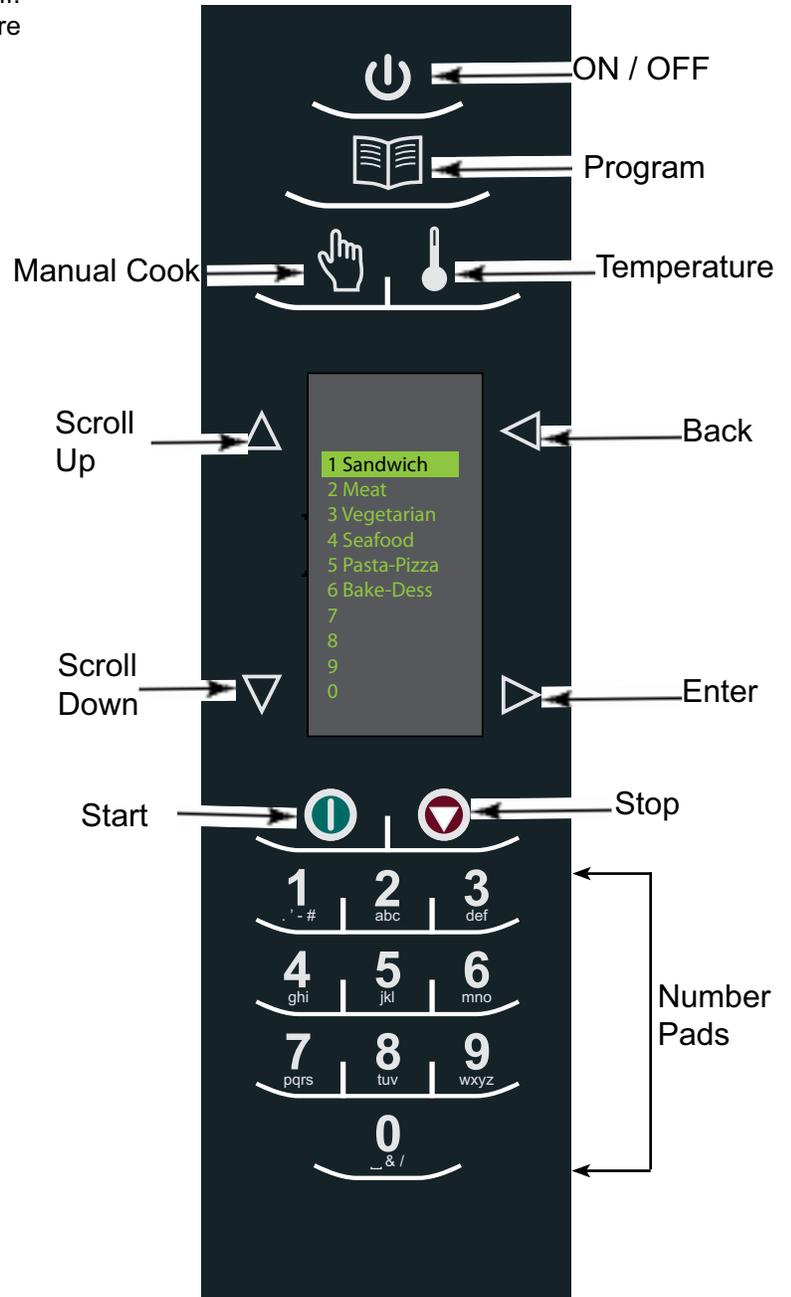
DELETE

- Select to delete programs.



MANUAL COOK Keypad

- Press for manual cooking.



Touch Panel Symbol Description MXP5221 / MXP5223



SCROLL UP Keypad

- Press to change setting or move up to another setting.
- Press to move up to another highlighted area.



SCROLL DOWN Keypad

- Press to change setting or move down to another setting.
- Press to move down to another highlighted area.



BACK Keypad

- Press repeatedly to return to main menu.
- Press to go to previous screen.
- Press repeatedly to exit program mode.
- Press to erase a character.



ENTER Keypad

- Press to save a menu.
- Press to save a MANUAL COOK program.
- Press to go to next screen.
- Press to save a name.
- Press to confirm deletion of a menu item.



START Keypad

- Press to start cooking cycle.
- Press to save option in option mode.



STOP / RESET Keypad

- Press to stop cooking cycle.
- Press to exit option in option mode.



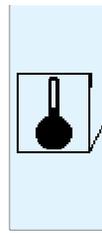
NUMBER Keypads

- Press to input temperature settings.
- Press to select menu items.
- Press to input names of menu items.



Preheat Temperature Warning Icon:

- Oven not up to temperature setpoint.
- Preheat temperature warning will flash when programming cook cycle until temperature setpoint is met.



Oven Cooling Mode Icon:

- The oven fan will continue to run to cool the oven. The oven Cooling Mode Icon appears and stays on until the oven temperature is below 200°F (95°C).
- To avoid damage to the convection motor do not turn off power by unplugging the unit or shutting off the power breaker until the fan stops.



Oven Off Icon:

- The Oven Off Icon appears for 5 minutes then the display goes blank.



Oven Temperature Out of Range:

- When oven temperature is out of range of a cooking program set point. A line will be thru that item or items preventing it to be selected. Place the oven in Program Mode to view temperature set point of that cooking program. If the temperature of the oven needs to be changed after reviewing temperature for the cooking program, exit programming mode and change oven temperature.

View Temperature



Program



EDIT

Change Oven Temperature



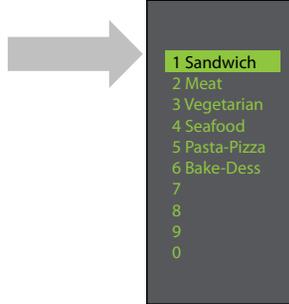
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Refer to Product Safety Manual for Safety Statements. Complete Owner's Manual available online

The oven screen displays menu options. The keypad is used to navigate through onscreen menus.

The icons below will be used throughout this guide to indicate menu navigation.

Use Scroll Up and Scroll Down to highlight food categories



COOKING MENUS

Your ovens ships with the cooking screens set to three menu levels.

1. The **MENU CATEGORIES** screen highlights product categories.
2. The **FOOD CATEGORIES** screen features products within the main menu category.
3. The **MENU ITEM** screen features products within the food category screen.

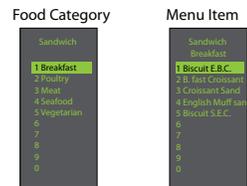
NOTE: The oven can be set to operate with 1, 2, or 3 menu levels see user options for more details.

The **ITEM MENU** breaks the item group menu down further allowing you to input quantities, different food types, etc.

THREE MENU LEVELS



TWO MENU LEVELS



ONE MENU LEVEL

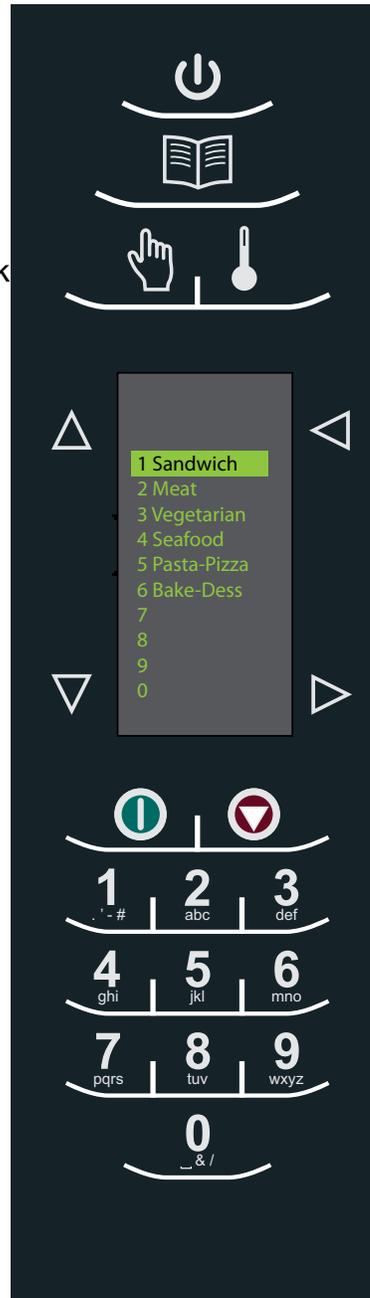


Manual Cook

Scroll Up

Scroll Down

Start



ON / OFF

Program

Temperature

Back

Enter

Stop

Number Pads

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After the oven has preheated, the menu appears. The oven comes preprogrammed with several menu items to simplify cooking.

MAIN COOKING MENU

Examples of Preprogrammed Menu Items Include:

1. Sandwich

- Breakfast
- Poultry
- Meat
- Seafood
- Vegetarian

2. Meat

- Poultry
- Beef
- Pork
- Appetizers
- Breakfast

3. Vegetarian

- Breakfast
- Lunch
- Vegetables
- Appetizers
- Potatoes

4. Seafood

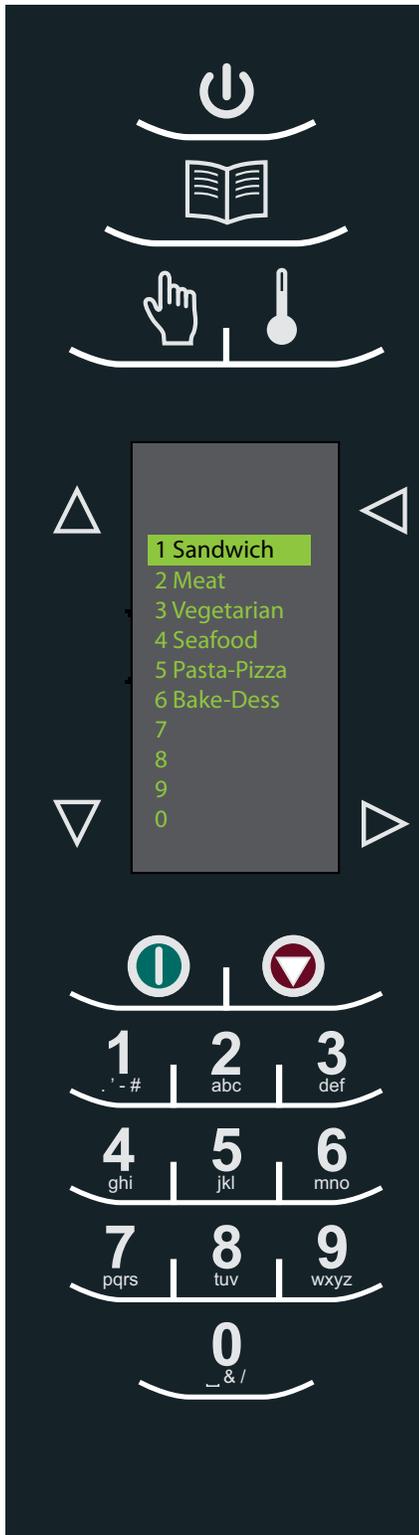
- Fish
- Shellfish
- Misc

5. Pasta-Pizza

- Small/Large Pizza
- Pasta
- Miscellaneous

6. Bakery-Desserts

- Bread
- Desserts
- Snacks
- Breakfast
- Sweet



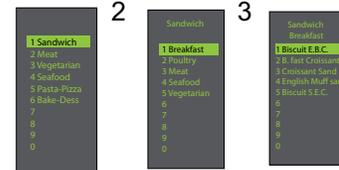
Back

Enter

Cooking with Preprogrammed Pads

To cook food using preprogrammed menu items

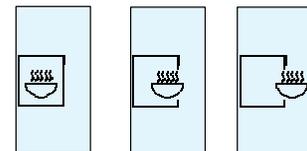
1. After oven has preheated to the desired temperature. Scroll or press number to choose desired food category from menu.
2. Choose menu item group and press Enter to select.
3. Highlight item you wish to cook.



Note: If there is a line through the menu item, then preheat temperature is different than menu item preset temperature. The control will not allow you to select that item.



4. Open oven door, place food in oven and close door.
5. Press Enter to start cooking process.



6. At end of cooking cycle, oven beeps and displays animation at right to indicate food can be removed.

Note: Menu Items may vary by model.

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Using MANUAL COOK (Option 4 has to be set to allow manual cooking. See options section)

Use Manual cooking when a specific time and cooking power levels are desired. It's very useful when you are experimenting with new food items. Maximum cook time is 100 minutes. Microwave, Fan and IR can be set in 11 different power levels between 0-100% at 10% increments.

1. After oven has preheated to desired temperature (200-520°F / 95-270°C), press Manual Cook keypad.



2. Use Scroll Up  and Scroll Down  keypad to move between cooking elements and time

3. For Stage 1, enter cooking time using the number pads (up to 100 minutes). Press Scroll Down keypad to move to the following cooking element.



4. Enter desired microwave power (press 0 (for 0%), 1 (10%), press 5 (50%)... and press 1 twice for full power (100%). Press Scroll Down keypad to move to the following cooking element



5. Input desired fan speed using number keypad.



6. Enter desired Infrared (IR) power (press 0 (for 0%), 1 (10%), press 5 (50%)... and press 1 twice for full power (100%).

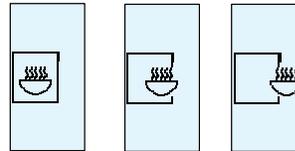


7. Repeat steps 2-6 for each cooking stage, if more than one cooking stage is necessary.
8. Place food in oven.

9. Press Start keypad to begin cooking. The display counts down. The food category is displayed and the word Manual is in the display.



10. At end of cooking cycle, oven beeps and displays animation below:



11. Remove food from oven.

Note: To interrupt cooking cycle, open door. To resume cooking, close door and press start.

How to Save A Manual Cook Program to the Menu

If satisfied with the cooking results achieved from manual cooking, save the manual cook item:

1. To save, press Enter  keypad.

Note: Option 5 must be set to save after manual cook.

2. Highlight Menu Category by using Scroll Up  or Scroll Down  keypad or create new Menu Category name. Press Enter  keypad.

3. Highlight food category by using Scroll Up  and Scroll Down  keypad to select open menu location.

4. In the Menu Item screen, highlight the location where you wish to add the new name.

5. When new location is highlighted Press Program  keypad.

6. Use Number  keypads to enter item name. Use Back  keypad to delete any mistakes. This step needs to be repeated for each menu level. See user option 2 for text case options.



7. Press Enter  keypad when finished.

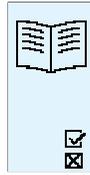
8. To exit Manual Cook mode, press Back  keypad repeatedly to take you to the Main Menu screen.

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ACCESSING THE PROGRAM MENU

1. To access the PROGRAM mode, press the Program  keypad.

2. Then select Edit  with Scroll Up  or Scroll Down  from the screen.



3. Press Enter  then select the food category, food item to be programmed using the Scroll Up  or Scroll Down  keypad.

PROGRAM MENU OVERVIEW

PROGRAM  Add a new menu item

ENTER  To save or go to next screen

BACK  Go to previous screen

SCROLL UP  or **SCROLL DOWN** 

EDIT  Change an existing menu item

DELETE  Delete an existing menu item

EDITING OR ADDING MENU PROGRAM SETTINGS

1. Press the Program  keypad.

2. Highlight Edit with Scroll Up  or Scroll Down  keypad.

3. Press the Enter  keypad

4. Use the Scroll Up  or Scroll Down  keypad to highlight Menu Category and/or Food Category where menu item to edit is saved. Press Enter  keypad.

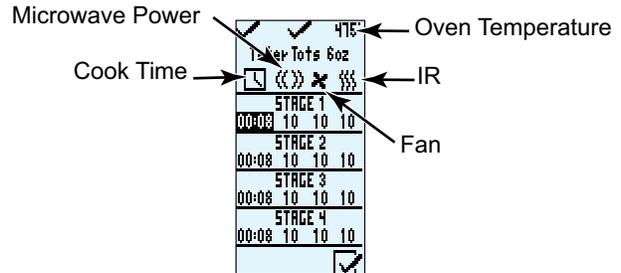


5. At the Menu item screen, use Scroll Up  or Scroll Down  keypad to highlight the desired item to edit.



6. Press the Enter keypad and cook settings will appear.

7. Use Scroll Up  or Scroll Down  keypad to Select Temperature, Time, Microwave %, Fan% and IR% setting. Use number keypads to enter the time, temperature or cooking powers. For MW, Fan or IR, press 0 for 0%, 1 for 10%..... 9 for 90% or 1 twice for 100%.



8. When cook settings are complete press Enter  keypad.

9. Press Back  keypad repeatedly to exit program mode.

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EDITING OR ADDING NEW NAMES FOR MENU CATEGORY OR FOOD CATEGORY OR MENU ITEM

1. Press the Program  keypad.
2. Highlight Edit  with Scroll Up  or Scroll Down  keypad and press Enter  keypad.
3. Using the Scroll Up  or Scroll Down  keypad to highlight location where new category or item will be placed. (In order to navigate to the following screen, Scroll Up  and Scroll Down  keypad to highlight desired menu and press Enter  keypad). For example:

I. Editing Name in Menu Category Screen

- A. Highlight Item
- B. go to Step 4



II. Editing Name in Food Category

- A. Highlight desired Menu Category
- B. Press Enter



- C. Highlight desired Food Category



- D. Go to Step 4

III. Editing / Adding Name in Menu Item

In order to add program settings, you must name your item first.

- A. Highlight desired Menu Category



- B. Press Enter

- C. Highlight desired Food Category



- D. Press Enter

- E. Highlight desired Menu Item



- F. Go to Step 4

4. Press the Program  keypad.

MXP5221 / MXP5223

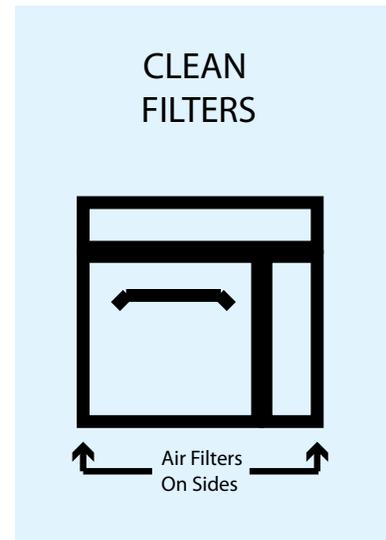
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There are several options you can change to customize the operation of the oven for your business. The table below shows these options; the factory setting is shown in bold type.

1. Oven must be off. To turn oven off, press ON/OFF  keypad.
2. Press and hold "2" keypad until option screen appears.
3. Choose option by pressing Enter  keypad then use Scroll Up  and Scroll Down  keypad to select option to highlight desired option.
4. Press Start  keypad to save and press Stop / Reset  to exit options mode.
5. Option 6, if "Password Needed" is highlighted press Program keypad to view or edit password.

Options#	Setting Name	Options
01	Digit Entry	 Single digit entry
		 Double digit entry
02	Text Case	 Caps
		 Lower case
		 Mixed
03	Menu Setting	01=10 Items
		02 =100 Items
		03 = 360 items
04	 (Manual) Cook	<input checked="" type="checkbox"/> Manual cooking allowed
		<input type="checkbox"/> Manual cooking not allowed
05	 (Manual) Save	<input checked="" type="checkbox"/> Save after manual cook
		<input type="checkbox"/> Do not save after manual cook
06	Program Password	<input checked="" type="checkbox"/> Password needed
		<input type="checkbox"/> Changes to programs allowed
07	Door Reset	<input checked="" type="checkbox"/> Opening door resets timer
		<input type="checkbox"/> Opening door pauses cook cycle
08	Keyboard Activation	<input type="checkbox"/> Off
		 30 Seconds
		 60 Seconds
		 120 Seconds
09	 Keybeep	<input checked="" type="checkbox"/> On
		<input type="checkbox"/> Off
10	 Keybeep Volume	 Low
		 Medium
		 High
11	 End Of Cycle Beep	 Three beeps once
		 Three beeps repeating
		 Continuous until door is opened
12	 Preheat Warning	<input checked="" type="checkbox"/> Warn if oven not at temp
		<input type="checkbox"/> Off
13	 Temperature Scale	<input checked="" type="checkbox"/> Temperatures are displayed in °F for 60Hz models
		<input type="checkbox"/> Temperatures are displayed in °C for 50Hz models
14	Clean Filter Reminder	Off
		Displays every 7 days
		Displays every 30 days
		Displays every 90 days
15	 (Microwave) Only	 Allow microwave only mode
		 No microwave only mode
16	Auto Off	<input type="checkbox"/> Disable
		2 Hours
		4 Hours
		8 Hours
17	Data Transfer	 Begin Transfer: Card to Oven. Press Program Keypad 
		 Begin Transfer: Oven to Card. Press Program Keypad 

CLEAN FILTER



When this message displays, clean the air filter thoroughly. **Cleaning the air filter will not shut off the message.** The message will automatically stop displaying after 24 hours.

Depending on microwave use and environmental conditions, the filter may need to be cleaned more or less frequently. Once the frequency is determined, set the option for the appropriate time frame.

Air filter and vents must be cleaned regularly to prevent overheating of the oven. Refer to Owner's Manual for complete cleaning instructions.

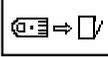
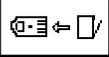
MXP5221 / MXP5223 USB Flash Drive Programming

To program the oven using standard flash drive:

Oven must be in Off mode (Preheat must be OFF)

1. Remove protective cover from bottom of keypad.
2. Insert the flash drive into the slot located below the keypad.

Note: After inserting flash drive in USB port wait at least **6 seconds** before proceeding.

3. From Off, press and hold the “2” pad to go to “User Options”.
4. Go to Option #17 by pressing “Back  ” or repeatedly pressing “Enter  ”
5. Select the desired operation by highlighting “Transfer card to oven  ” or “Transfer oven to flash drive  ” with the Scroll Up  or Scroll Down  keypad.

Note: After inserting flash drive in USB port wait at least **6 seconds** before proceeding to Step 6.

6. Press the “Program  ” pad to begin the transfer (The screen will indicate “TRANSFERRING” and indicate “DONE” when transfer is complete.) **Note:** The screen will indicate “ NO CARD” if the data key is not detected.
7. Remove flash drive and close the protective cover.

