

# Microwave Oven

## **INSTRUCTION MANUAL**

### **MODEL:TM034K6LP-P0H**

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**

# 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 or allows 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.

## Specifications

Model	TM034K6LP-P0H
Rated Voltage	120 V~ 60 Hz
Microwave Input	1500 W
Microwave Output	1000 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.
18. Oversized food or oversized metal utensils should not be inserted in a microwave/toaster oven as they may create a fire or risk of electric shock.
19. Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
20. Do not use paper products when appliance is operated in the toaster mode.
21. Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
22. Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.
23. Clean Ventilation Hoods Frequently - Grease should not be allowed to accumulate on hood or filter.
24. When flaming foods under the hood, turn the fan on.
25. Use care when cleaning the vent-hood filter. Corrosive cleaning agents, such as lye-based oven cleaners, may damage the filter.
26. Suitable for use above both gas and electric cooking equipment.

## **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* 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* 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* 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.

# CONTROL PANEL





# OPERATION

## Setting the Clock

In standby mode.

- If the clock has not be set, suppose you want to enter the correct time of day 10:59.

Touch:	Display Shows:
1. Timer/Clock X2	ENTER TIME 12:00
2. (1) (0) (5) (9)	10:59 <small>PRESS START</small>
3. START +30SEC	10:59

## Setting Kitchen Timer

The maximum value of timer is 99:99.

In standby or cooking mode.

- Suppose you want to set for three minutes.

Touch:	Display Shows:
1. Timer/Clock X1	<small>TIMER</small> ENTER TIME
2. (3) (0) (0)	<small>TIMER</small> 3:00 <small>PRESS START</small>
3. START +30SEC	<small>TIMER</small> 3:00 Time counting down

## NOTE

There is not any other program during kitchen timer.

## Microwave

In standby, clock or timer mode.

- Suppose you want to cook for 2 minutes at 90% power

Touch:	Display Shows:
1. (2) (0) (0)	<small>MICRO</small> 2:00 <small>PRESS START</small>
2. Power Level X1	<small>PRESS START</small> PL-HI
3. Power Level X2 or (9)	<small>PRESS START</small> PL-90
4. START +30SEC	<small>MICRO</small> 2:00 <small>COOK</small> Time counting down

## POWER CHART

PRESS	POWER LEVEL	DISPLAY
POWER LEVEL x 1	100%	PL-HI
POWER LEVEL x 2 or 9	90%	PL-90
POWER LEVEL x 3 or 8	80%	PL-80
POWER LEVEL x 4 or 7	70%	PL-70
POWER LEVEL x 5 or 6	60%	PL-60
POWER LEVEL x 6 or 5	50%	PL-50
POWER LEVEL x 7 or 4	40%	PL-40
POWER LEVEL x 8 or 3	30%	PL-30
POWER LEVEL x 9 or 2	20%	PL-20
POWER LEVEL x 10 or 1	10%	PL-10
POWER LEVEL x 11 or 0	0%	PL-0

# OPERATION

## Popcorn

In standby, clock mode.

- Suppose you want to cook 3.0 oz. popcorn.

Touch:	Display Shows:
1. Popcorn	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>3.3</div> <div>oz</div>
2. PopcornX2	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>3.0</div> <div>oz</div>
3. START +30SEC	Time counting down (3 seconds later)

Press popcorn pad	Amount
X1	3.3 oz.
X2	3.0 oz.

## Potato

In standby, clock or timer mode.

Touch:	Display Shows:
1. Potato	<div> <small>PRESS START</small> </div> <div>POTATO</div> <div>SENSOR</div>
2. START +30SEC	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>POTATO</div> <div>SENSOR COOK</div>

## Sensor Cook

The weight of these menus cannot be adjust.

In standby, clock or timer mode.

- Suppose you want to cook the frozen veggies.

Touch:	Display Shows:
1. Sensor Cook X1	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>FROZEN</div> <div>SENSOR</div>
	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>VEGGIES</div> <div>SENSOR</div>
2. START +30SEC	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>FROZEN</div> <div>SENSOR COOK</div>
	<div> <small>PRESS AGAIN FOR OPTIONS/</small> <small>PRESS START</small> </div> <div>VEGGIES</div> <div>SENSOR COOK</div>

Press Sensor Cook	Food	Amount
X1	Frozen Veggies	7-20 OZ
X2	Fresh Veggiest	7-20 OZ
X3	Chicken	7-18 OZ
X4	Fish	7-18 OZ
X5	Frozen Pizza	6-12 OZ
X6	Frozen Lasagna	6-32 OZ
X7	Oatmeal	
X8	Omelet	
X9	Soup	

# OPERATION

## Beverage

In standby or clock mode.

- Suppose you want to cook 2 cups of beverage.

Touch:	Display Shows:
1. Beverage X2	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> 2 CUPS
2. START +30SEC	Time counting down <small>COOK</small> (3 seconds later)

## Sensor Reheat

The weight of these menus cannot be adjust;  
(Dinner Plate,Soup / Sauce,Casserole / Lasagna)

In standby or clock mode.

- Suppose you want to cook the soup sauce .

Touch:	Display Shows:
1. Sensor Reheat X2	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> SOUP <small>SENSOR</small> <small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> SAUCE <small>SENSOR</small>
2. START +30SEC	<small>SOUP</small> <small>SENSOR COOK</small> <small>SAUCE</small> <small>SENSOR COOK</small>

Press	Sensor Reheat	Food	Amount
X1		Dinner Plate	1-2 plates
X2		Soup / Sauce	1-2 cups
X3		Casserole / Lasagna	10.5 oz

## Melt/Soften

In standby, clock or timer mode.

- Suppose you want to melt 2 sticks of Butter.

Touch:	Display Shows:
1. Melt/ X1 Soften	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> MELT <small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> BUTTER
2. START +30SEC	ENTER 1-2 STICK
3. ②	<small>PRESS START</small> 2 STICK
4. START +30SEC	Time counting down (2 seconds later)

Press	Melt Soften pad	Food	Amount
X1		Melt Butter	1/2 stick
X2		Melt Chocolate	2/4/8 oz
X3		Soften Ice Cream	Pint/1.5Quart
X4		Soften Cream Cheese	3/8 oz

# OPERATION

## Auto cook

The weight of these menu can be set.  
Scrambled Eggs, Hot Cereal, Frozen Pizza

- Suppose you want to cook 2 scrambled eggs.

Touch:	Display Shows:
1. Auto Cookx1	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> SCRAMBL <small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> ED EGGS 1 - 6 <small>PRESS START</small> 2
2. START +30SEC	
3. ②	
4. START +30SEC	Time counting down (2 seconds later)

The weight of these menu cannot be set.

Fudge Brownies, Garlic Shrimp, Stuffed Mushrooms,  
Asiago Red Potatoes, Roasted Vegetable Medley,  
Lemon Shrimp Risotto

- Suppose you want to cook the fudge brownies.

Touch:	Display Shows:
1. Auto Cook X4	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> FUDGE <small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> BROWNIE <small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> 5
2. START +30SEC	Time counting down (2 seconds later)

Press auto cook	Food	Amount
X1	Scrambled Eggs	1-6 Eggs
X2	Hot Cereal	1-3 Servings
X3	Frozen Pizza	1(4Oz)-3
X4	Fudge Brownies	Per Recipe
X5	Garlic Shrimp	Per Recipe
X6	Stuffed Mushrooms	Per Recipe
X7	Asiago Red Potatoes	Per Recipe
X8	Roasted Vegetable Medley	Per Recipe
X9	Lemon Shrimp Risotto	Per Recipe

## Frozen Entrees

In standby, clock or timer mode.

Touch:	Display Shows:
1. Frozen Entrees X1	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> FROZEN <small>SENSOR</small> <small>PRESS AGAIN FOR OPTIONS/ PRESS START</small> ENTREES <small>SENSOR</small>
2. START +30SEC	FROZEN <small>SENSOR COOK</small> ENTREES <small>SENSOR COOK</small>

# OPERATION

## Weight Defrost

In standby, clock or timer mode.

- Suppose you want to set the defrost weight for 1.2 lb.

Touch:	Display Shows:
1. Weight Defrost	<div>DEFR. ENTER</div> <div>DEFR. WEIGHT<sub>b</sub></div>
2. ① ②	<div>PRESS START</div> <div>DEFR. 1.2<sub>lb</sub></div>
3. START +30SEC	Time counting down (2 seconds later)



### NOTE

The invalid range of the weight is 0.1~6.0 lb(0.1~3.0 kg).

## Speed Cooking

Note: If the oven door didn't be opened and closed or the time of door closed was more than 5 minutes once the oven firstly plugged into outlet, "FOOD" will appear, so you can open then close the door firstly before operate the oven.

### 1-9 PAD

In standby or clock/timer mode, press number pads "1-9" to start cooking with 1-9 minutes for 100% power level directly.

For example, cooking with 6 minutes for 100% power level.

Touch:	Display Shows:
1. ⑥	<div>PRESS START</div> <div>MICRO. : 6</div>
2. After 2 seconds	<div>6:00<sub>COOK</sub></div> <div>Time counting down</div>

### "START/+30SEC"

In standby or time mode, press "START/+30SEC" to start cooking with 100% power level for 30 seconds, each press on it could increase the time by 30 seconds, the maximum value is 99:99.

## Time Defrost

In standby, clock or timer mode.

- Suppose you want to set the defrost time for 2 minutes.

Touch:	Display Shows:
1. Time Defrost	<div>DEFR. ENTER</div> <div>TIME</div>
2. ② ① ①	<div>PRESS START</div> <div>DEFR. 2:00</div>
3. START +30SEC	<div>DEFR. 2:00<sub>COOK</sub></div> <div>Time counting down (2 seconds later)</div>

# OPERATION

## Child Lock

To enter locked state

In standby mode

Touch:	Display Shows:
1. STOP RESET	LOCKED (3 seconds later)




To cancel locked state

In locked mode

Touch:	Display Shows:
1. STOP RESET	UNLOCK (3 seconds later)




## Vent Fan

The pad controls the 2-speed vent fan. If the vent fan is OFF, the first touch of the vent pad will turn the fan on HIGH, second touch LOW and third touch OFF.

Touch:	Display Shows:
1.  x1	HIGH
2.  x2	LOW
3.  x3	OFF

## Light

The pad controls the 2-luminance light. If the light is OFF, the first touch of the light pad will turn the light on HIGH, second touch LOW and third touch OFF.

Touch:	Display Shows:
1.  x1	HIGH
2.  x2	LOW
3.  x3	OFF

## Turntable ON/OFF

In turntable-on mode

Touch:	Display Shows:
1. TURNTABLE on-off x1	OFF
2. TURNTABLE on-off x2	ON

## NOTE

It cannot be set in menu function and defrost.

## Inquiring Function

If the clock or timer has been set, the corresponding time will display for 2 seconds by pressing "Timer/Clock" in the cooking state.

# OPERATION

## USER PREF

Key	Setting
User Prefx1	Volume Hi / Med /Low/Off
User Prefx2	Weight lb/kg
User Prefx3	Clock Display Off/On
User Prefx4	Demo Mode

## Volume Low/nor/Hi/Off

In standby mode.  
(the mode will be switched directly each 3 seconds)

Touch:	Display Shows:
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PRESS AGAIN FOR OPTIONS/ PRESS START  
VOLUME  
LOW

PRESS AGAIN FOR OPTIONS/ PRESS START  
VOLUME  
MED

User Prefx1

PRESS AGAIN FOR OPTIONS/ PRESS START  
VOLUME  
HIGH

PRESS AGAIN FOR OPTIONS/ PRESS START  
VOLUME  
OFF

## Weight (lbs / kg)

In standby mode.

Touch:	Display Shows:
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1.User Prefx2  
PRESS AGAIN FOR OPTIONS/ PRESS START  
LB / KG

2. START  
+30SEC  
KG  
or  
LB  
lb

## Clock Display Off/On

In standby mode.

Touch:	Display Shows:
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1.User Prefx3  
PRESS AGAIN FOR OPTIONS/ PRESS START  
CLOCK  
DISPLAY  
ON  
or

PRESS AGAIN FOR OPTIONS/ PRESS START  
CLOCK  
DISPLAY  
ON

2. START  
+30SEC  
OFF  
or  
ON

# OPERATION

## DEMO SETTING

In standby mode

Touch:	Display Shows:
	<small>PRESS AGAIN FOR OPTIONS/ PRESS START</small>
1.User Prefx4	<div>DEMO</div> <div>OFF</div> <div>or</div> <div><small>PRESS AGAIN FOR OPTIONS/ PRESS START</small></div> <div>DEMO</div> <div>ON</div>
2. START +30SEC	<div>ON</div> <div>or</div> <div>OFF</div>



# MAINTENANCE

## Troubleshooting

Check your problem by using the chart below and try the solutions for each problem. If the microwave oven still does not work properly, contact the nearest authorized service center.

TROUBLE	POSSIBLE CAUSE	POSSIBLE REMEDY
Oven will not start	a. Electrical cord for oven is not plugged in. b. Door is open. c. Wrong operation is set.	a. Plug into the outlet. b. Close the door and try again. c. Check instructions.
Arcing or sparking	a. Materials to be avoided in microwave oven were used. b. The oven is operated when empty. c. Spilled food remains in the cavity.	a. Use microwave-safe cookware only. b. Do not operate with oven empty. c. Clean cavity with wet towel.
Unevenly cooked foods	a. Materials to be avoided in microwave oven were used. b. Food is not defrosted completely. c. Cooking time, power level is not suitable. d. Food is not turned or stirred.	a. Use microwave-safe cookware only. b. Completely defrost food. c. Use correct cooking time, power level. d. Turn or stir food.
Overcooked foods	Cooking time, power level is not suitable.	Use correct cooking time, power level.
Undercooked foods	a. Materials to be avoided in microwave oven were used. b. Food is not defrosted completely. c. Oven ventilation ports are restricted. d. Cooking time, power level is not suitable.	a. Use microwave-safe cookware only. b. Completely defrost food. c. Check to see that oven ventilation ports are not restricted. d. Use correct cooking time, power level.
Improper defrosting	a. Materials to be avoided in microwave oven were used. b. Cooking time, power level is not suitable. c. Food is not turned or stirred.	a. Use microwave-safe cookware only. b. Use correct cooking time, power level. c. Turn or stir food.