

GROUNDING INSTRUCTIONS

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-pronged grounding plug, and a 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

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 sets or extension cord is used:
 - a. The marked electrical rating of the cord set or extension marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
 - b. The extension cord must be a grounding -type 3-wire cord.
 - c. The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.

RADIO INTERFERENCE

Operation of the microwave oven may cause interference to your radio, TV or similar equipment. When there is interference, it may be reduced or eliminated by taking the following measures:

- a. Clean door and sealing surface of the oven.
- b. Reorient the receiving antenna of radio or television.
- c. Relocate the microwave oven with respect to the receiver.
- d. Move the microwave oven away from the receiver.
- e. Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

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 TO BE AVOIDED IN MICROWAVE OVEN

(UTENSILS - REMARKS)

Aluminum foil - Shielding only. Small smooth pieces can be used to cover thin parts of meat or poultry to prevent overcooking. Arcing can occur if foil is too close to oven walls. The foil should be at least 1 inch (2.5cm) away from oven walls.

Browning dish - Follow manufacturer's instructions. The bottom of browning dish must be at least 3/16 inch (5mm) above the turntable. Incorrect usage may cause the turntable to break.

Dinnerware - Microwave-safe only. Follow manufacturer's instructions. Do not use cracked or chipped dishes.

Glass jars - Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.

Glassware - Heat-resistant oven glassware only. Make sure there is no metallic trim. Do not use cracked or chipped dishes.

Oven cooking bags - Follow manufacturer's instructions. Do not close with metal tie. Make slits to allow steam to escape.

Paper plates and cups - Use for short-term cooking/warming only. Do not leave oven unattended while cooking.

Paper towels - Use to cover food for reheating and absorbing fat. Use with supervision for a short-term cooking only.

Parchment paper - Use as a cover to prevent splattering or a wrap for steaming.

Plastic - Microwave-safe only. Follow the manufacturer's instructions. Should be labeled "Microwave Safe". Some plastic containers soften, as the food inside gets hot. "Boiling bags" and tightly closed plastic bags should be slit, pierced or vented as directed by package.

Plastic wrap - Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.

Thermometers - Microwave-safe only (meat and candy thermometers).

Wax paper - Use as a cover to prevent splattering and retain moisture.

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 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.

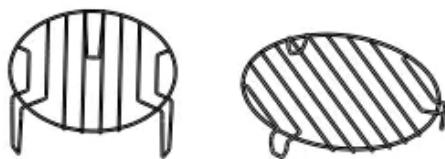
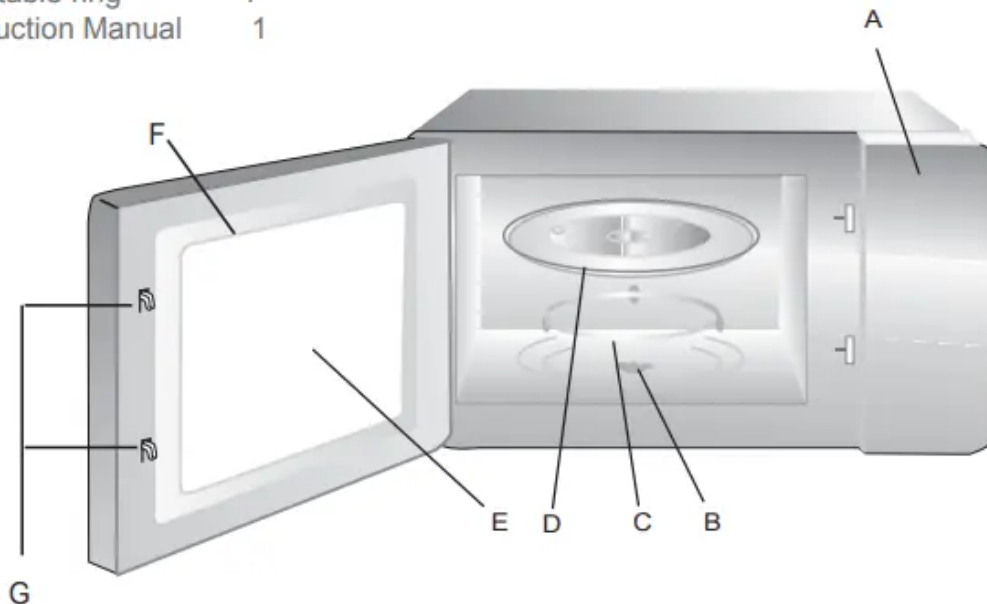
Wood - Wood will dry out when used in the microwave oven and may split or crack.

SETTING UP YOUR OVEN

NAMES OF OVEN PARTS AND ACCESSORIES

Remove the oven and all materials from the carton and oven cavity. Your oven comes with the following accessories:

| | |
|--------------------|---|
| Glass tray | 1 |
| Turntable ring | 1 |
| Instruction Manual | 1 |



Grill Rack (Only be used in Convection function and be placed on the glass tray)

- A. Control panel
- B. Turntable shaft
- C. Turntable ring
- D. Glass tray
- E. Observation window
- F. Oven Door
- G. Safety interlock system

- a. Never place the glass tray upside down. The glass tray should never be restricted.
- b. Both glass tray and turntable ring must always be used during cooking.
- c. All food and containers of food are always placed on the glass tray for cooking.

COUNTERTOP INSTALLATION

Remove all packing material and accessories. Examine the oven for any damage such as dents or broken door. Do not install if oven is damaged.

Cabinet: Remove any protective film found on the microwave oven cabinet surface. Do not remove the light brown Mica cover that is attached to the oven cavity to protect the magnetron.

INSTALLATION

1. Select a level surface that provide enough open space for the intake and/or outlet vents.

A minimum clearance of 3.0 inches (7.5cm) is required between the oven and any adjacent walls.

One side must be open.

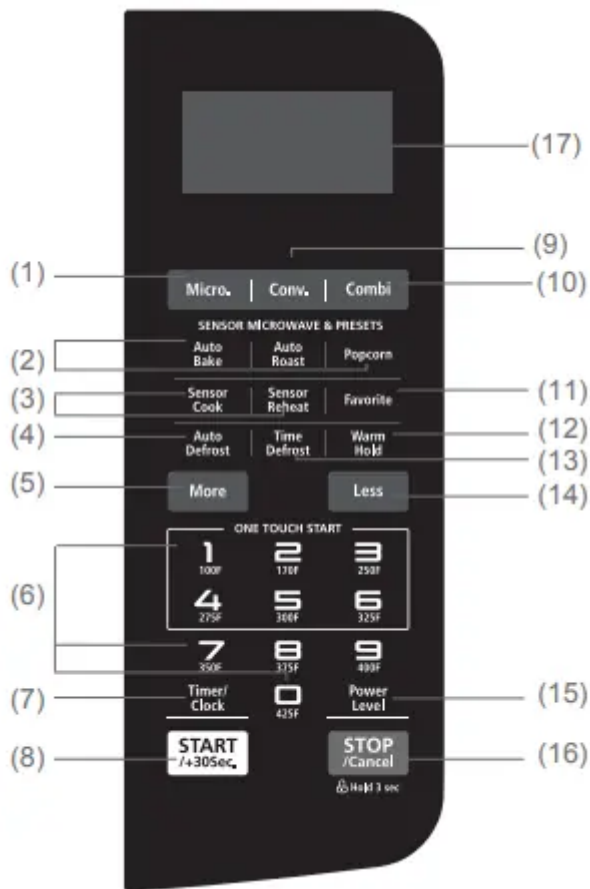
1. Leave a minimum clearance of 12 inches (30cm) above the oven.
2. Do not remove the legs from the bottom of the oven.
3. Blocking the intake and/or outlet openings can damage the oven.
4. Place the oven as far away from radios and TV as possible.

Operation of microwave oven may cause interference to your radio or TV reception.

2. Plug your oven into a standard household outlet. Be sure the voltage and the frequency is the same as the voltage and the frequency on the rating label.

OPERATION

CONTROL PANEL AND FEATURES



- (1) Microwave
- (2) Auto Menu (Auto Bake, Auto Roast, Popcorn)
- (3) Sensor Menu (Sensor Cook, Sensor Reheat)
- (4) Auto Defrost
- (5) More
- (6) Number Pads
- (7) Timer/Clock
- (8) START ADD 30 SEC
- (9) Convection
- (10) Combination
- (11) Favorite
- (12) Warm Hold
- (13) Time Defrost



(14) Less

(15) Power Level

(16) STOP Cancel Hold 3 sec: Before cooking starts, press to clear all previous settings. During cooking, press once to stop oven; press twice to stop oven and clear all settings.

(17) Display

1. POWER LEVELS

Ten power levels are available.

Prior to cooking, press Power Level and "PL10" will display. Press Power Level pad, a number pad to select a different power level.


| | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|------|------|------|
| Level | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| Power | 100% | 90% | 80% | 70% | 60% | 50% | 40% | 30% | 20% | 10% |
| Display | PL10 | PL 9 | PL 8 | PL 7 | PL 6 | PL 5 | PL 4 | PL 3 | PL 2 | PL 1 |

2.CLOCK SETTING

When the microwave oven is plugged into an outlet, "0:00" will display.

1. Press Timer/Clock twice, "00:00" will appear in the display. The first set of zeros will flash; ":" and the other zero set will be lighted.
2. Press the number pads to enter the current clock time. For example, if the time is now 10:12, press " 1, 0, 1, 2 " in order.
3. Press Timer/Clock to finish clock setting, " : " will flash and the numbers will appear as a clock time in the display.


3. KITCHEN TIMER

1. Press Timer/Clock once, "00:00" and "Timer" will appear in the display.
2. Press the number pads to enter the time amount. The maximum amount of time that can be entered is 99 minutes, 99 seconds.
3. Press  to confirm setting, and the timer will start to count down.
4. When the time amount elapses, timer indicator will disappear. The oven will beep 5 times. "End" will display. The time of day will display by opening the door or pressing




4. MICROWAVE COOK




1. Press Micro , "00:00" and "Cook" will appear in the display.

2. Press number pads to enter the cooking time. The maximum cooking time is 99 minutes, 99 seconds.
3. Press "Power" once, PL10 will flash. Press number pads 0 through 9 to select a different power level if desired. See the POWER LEVEL table above.
4. Press  to start cooking. The remaining cooking time will display. "Cook" will flash.

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

1. Press Micro , "00:00" and "Cook" will display.
2. Press "1, 5, 0, 0" in order for 15:00 to appear in the display.
3. Press "Power" once , then press "5" to select 50% microwave power.
4. Press  to start cooking. Buzzer sounds once. The remaining cooking time will display.



5. CONVECTION COOK

1. Press Conv. once, "350" will flash. "Conv.", "F" and corresponding temperature icons will display.
2. Press Conv. more times or press More or Less to choose the desired cooking temperature. Temperature selections (100° F):170, 250, 275, 300, 325, 350, 375, 400, 425. Press  to confirm.
3. Press  to start preheating. When the oven preheats to the selected cooking temperature, it will beep twice; open the door and place food in oven.
4. Press number pads to enter the cooking time. The maximum cooking time is 99 minutes, 99seconds. "F" will disappear.
5. Press  to start cooking. The remaining cook time will display. "Conv." and corresponding temperature icons will flash.


NOTE:

- If no preheat needed, skip step 3 above.
- If preheating, do not place food into oven until cooking temperature is reached.
- If Convection Cooking without preheating, place food into oven at the start of cooking.
- Once the oven preheats to the selected cooking temperature, the oven will beep twice to remind you to enter the cook time, and the temperature will flash. If no operation in 5 minutes, the oven will beep 5 times and return to display the clock.
- The oven must preheat to the selected cooking temperature, and the oven door must be opened before convection cooking time can be entered.


6.COMBINATION FUNCTION (CONVECTION + MICROWAVE)

1. Press Combi, "350" will flash. "Cook" , "Conv." , "F" and corresponding temperature icons will display.
2. Press Combi more times or press More or Less to choose the cooking temperature.
Temperature selections (° F): 170, 250, 275, 300, 325, 350, 375,400,425.Press  to confirm
3. Press number pads to enter the cooking time. The maximum cooking time is 99 minutes, 99 seconds. "F" will disappear.
4. Press  to start cooking. The remaining cook time will display. "Conv."and corresponding temperature icons will flash.



7.WARM HOLD FUNCTION

1. Press Warm Hold, "Hold" will display.
2. Press  to start cooking. The remaining defrost time will count down from 99 minutes.



NOTE:

- Warm Hold function can be entered after cooking. The oven will beep twice to denote entering Warm Hold function.
- Warm Hold function can be used after Microwave cook, Convection cook, Combination cook, Defrost cook and Multi-stage cooking.
- The maximum cook time of Warm Hold function is 99 minutes.
- Cooking will be canceled if you open the door or press  during Warm Hold function


8.ONE TOUCH START

1. Instant cooking at 100% power level and 1 to 6 minutes cooking time can be started by pressing number pads 1 to 6. Press  to increase the cooking time by 30 seconds with each press. The maximum cooking time is 99 minutes, 99 seconds. Instant cooking at 100% power level and 30 seconds cooking time can be started by pressing  . Each repeated press will increase cooking time by 30 seconds.
2. The maximum cooking time is 99 minutes, 99 seconds.
3. During cooking, press More or Less pad to increase or decrease cooking time by 10 seconds.

NOTE:

- Time can also be added in 30 seconds increments by pressing  during Microwave Cooking, Time Defrost and Multi-stage Cooking.
- Time cannot be added by pressing  during Weight Defrost and Kitchen Timer functions.


9. TIME DEFROST

1. Press "Time Defrost" , "00:00", "Cook" and "DEF." will appear in the display.
2. Press the number pads to input the defrost time.
3. Press  to start defrosting. "Cook" and "DEF." will flash, and the remaining defrost time will display.


10.Auto Defrost Function


1. Press Auto Defrost , "dEF1" , "Cook" and "DEF." will appear in the display.
2. Press Auto Defrost more times or press More / Less pad to choose the defrost food type, "dEF1" through "dEF4". See table below.

| LED display | dEF1 | dEF2 | dEF3 | dEF4 |
|-------------|-------------|-------------|-------------|-------------|
| Food | Meat | Poultry | Fish | Bread |
| Weight | 0.1-6.0 Lbs | 0.1-6.0 Lbs | 0.1-6.0 Lbs | 0.1-1.0 Lbs |

3. Press number pads to enter the weight to be defrosted. See table above.If the weight input is not between the weight range listed on the table above, the input will be invalid. The unit will not work until valid numbers are entered.
4. Press  to start defrosting and the remaining cooking time will be displayed. "Cook" and "DEF." indicator will flash.

11.AUTO BAKE FUNCTION


1. Press Auto Bake, "Ab-1", "Cook", "Conv." and "Auto" will display.
2. Press Auto Bake more times to choose the menu, "Ab-1" though "Ab-4". See Auto Bake Chart below.
3. For Ab-1, Ab-2 and Ab-3, press number pad 1 to choose the default weight or portion.
Press  to start cooking.

For Ab-4, press number pads to adjust the portion or weight. Press  to start cooking. The remaining cooking time and corresponding temperature icons will display. "Conv." and "Auto" will flash.

AUTO BAKE CHART:

| Food | Display | Weight/Portion |
|--------------------------------|---------|----------------|
| Frozen Pizza | Ab-1 | 10 oz |
| Muffins | Ab-2 | 6 each |
| Biscuit/DinnerRoll/Bread Stick | Ab-3 | 7 oz |
| Frozen French Fries | Ab-4 | 4-16 oz |


12. AUTO ROAST FUNCTION

1. Press Auto Roast, "Ar-1", "Cook", "Conv." and "Auto" will display.
2. Press more times to choose the menu, "Ar-1" through "Ar-4". See Auto Roast Chart Auto Roast below.
3. Press number pads to adjust the weight or portion.
4. Press  to start cooking. The remaining cooking time and corresponding temperature icons will display. "Cook", "Conv." and "Auto" will flash.

AUTO BAKE CHART:

| Food | Display | Weight/Portion |
|----------------|---------|----------------|
| Beef | Ar-1 | 2.0-4.0 Lbs |
| Whole Chicken | Ar-2 | 2.5-6.0 Lbs |
| Turkey Breasts | Ar-3 | 3.0-6.0 Lbs |
| Pork | Ar-4 | 2.0-4.0 Lbs |


13. Sensor Cook

1. Press Sensor Cook, "SC-1", "SEN." and "Auto" will display.
2. Press Sensor Cook more times or press number pads to choose the type of food.
3. Press  to start cooking. "SC-", "SEN." and "Auto" will flash. Once the item has been sensed, the remaining cooking time will display. "SEN.", "Cook" and "Auto" will flash.

Auto Bake Chart:

| Food | Display | Pad | Weight/Portion |
|------------------|---------|-----|-----------------------|
| Potato | SC-1 | 1 | 1-4 PCS (8-10 oz/PCS) |
| Fresh Vegetable | SC-2 | 2 | 1-4 CUP (250 ml/cup) |
| Frozen Vegetable | SC-3 | 3 | 1-4 CUP (250 ml/cup) |
| Frozen Entree | SC-4 | 4 | 10-20 oz |
| Rice | SC-5 | 5 | 1-2 CUP(220 g/cup) |
| Casserole | SC-6 | 6 | 1-4 CUP(250 ml/cup) |
| Ground Meat | SC-7 | 7 | 4-32 oz |
| Fish/Seafood | SC-8 | 8 | 4-32 oz |
| Scrambled Eggs | SC-9 | 9 | 2-5 each |
| Frozen Pizza | SC-0 | 0 | 6-12 oz |


14. SENSOR REHEAT

1. Press Sensor Reheat , "Sr-1", "SEN." and "Auto" will display.
2. Press Sensor Reheat more times or press number pads 1 through 3 to choose the type of food.
3. Press  to start cooking. "Sr-", "SEN." and "Auto" will flash. Once the item has been sensed, the remaining cooking time will flash. "SEN." , "Cook" and "Auto" will flash.




Auto Bake Chart:

| Food | Display | Weight/Portion |
|--------------|---------|----------------------|
| Dinner Plate | Sr-1 | 8-24 oz |
| Soup/Sauce | Sr-2 | 1-4 CUP (250 ml/cup) |
| Casserole | Sr-3 | 1-4 CUP (250 ml/cup) |

15. POPCORN

1. Press "Popcorn" , "Auto" , "Cook" and "Oz" will appear in the display.
2. Press "Popcorn" two more times or press More or Less to choose the weight, "3.0" and "3.5" will display in order.
3. Press  to cook. "Oz" disappears. "Auto" and "Cook" will flash. The remaining time will display.

16. FAVORITE FUNCTION

1. Press Favorite to program and choose up to three cooking procedures. Each procedure will be indicated by 1, 2 or 3 in the display.
2. Press Favorite until your desired procedure number appears in the display. Press  to begin it. A maximum of two cooking stages can be set for each procedure.
3. To program a procedure, follow the steps listed below. Example: Cook food at 80% Power Level for 3 minutes and 20 seconds; save as memory 2.
 - a. Press Favorite twice; screen displays 2.
 - b. Press Micro , then press "3" , "2" and "0" in order.
 - c. Press Power Level once, then press "8" for "PL 8" to display.
 - d. Press Favorite to save the procedure. Oven beeps once. Or press  directly to save and start cooking.
 - e. To choose the procedure from the memory list, press Favorite twice. Screen will display "2". Press  to run procedure.


NOTE: Auto Menu cannot be set in Favorite function.


17. Multi-Stage Cooking

At most 2 stages can be set for cooking. If one stage is Defrost, it will automatically set to be the first stage.

NOTE: Auto Menu and Preheat cannot be set in Multi-stage Cooking.

EXAMPLE: 80% Power Level for 5 minutes followed by 60% Power Level for 10 minutes; saved as memory 3.



- a. Press Favorite 3 times; screen displays 3.
- b. Press Micro, then press "5" , "0" and "0" to set first stage cook time.
- c. Press Power Level once, then press "8" to choose 80% first stage cooking power.
- d. Press Micro again, then press "1", "0", "0" and "0" to set second stage cook time.
- e. Press Power Level again, then press "6" to choose 60% second stage cooking power.
- f . Press "START/+30SEC." to immediately start multi-stage cooking.
- g. To choose the procedure from the memory list, press Favorite three times. Screen will display "3"; press  to run procedure.

NOTE: If you do not want to save a particular multi-stage program as a procedure, do not press Favorite as the first step. Press  after programming both stages.


18. INQUIRING FUNCTION

1. When oven is cooking, press Timer/Clock for the time of day to appear for three seconds in the display.
2. When oven is cooking, press Conv., Power Level or Combi pads for cooking power to appear for three seconds in the display.


19. LOCK FUNCTION

1. To lock the microwave so that it cannot be operated by children or other unintended users, press  pad for 3 seconds. You will hear a long beep. "LOC" will display.
2. To unlock, press  for 3 seconds, you will hear a long beep and "LOC" will disappear. If the clock has been set, the oven will return to display the clock. Otherwise, "0:00" will display.

20. Cooking End Reminder Function

The oven will beep five times to alert the user that cooking time has ended. "End" will display. The time of day will display by opening the door or pressing  pad.

21. Other Specifications

1.  must be pressed to continue cooking if the door is opened during cooking.
2. A single beep sounds to indicate that a pad is correctly pressed; if pad is not correctly pressed, no beep sounds.

MAINTENANCE

TROUBLESHOOTING

Oven will not start

- Electrical cord for oven is not plugged in.
 - Plug into the outlet.
- Door is open.
 - Close the door and try again.

- Wrong operation is set.
 - Check instructions

Arcing or sparking

- Materials to be avoided in microwave oven were used.
 - Use microwave-safe cookware only.
- The oven is operated when empty.
 - Do not operate with oven empty.
- Spilled food remains in the cavity.
 - Clean cavity with wet towel.

Unevenly cooked foods

- Materials to be avoided in microwave oven were used.
 - Use microwave-safe cookware only.
- Food is not defrosted completely.
 - Completely defrost food.
- Cooking time, power level is not suitable.
 - Use correct cooking time, power level.
- Food is not turned or stirred.
 - Turn or stir food

Overcooked foods

- Cooking time, power level is not suitable
 - Use correct cooking time, power level.

Undercooked foods

- Materials to be avoided in microwave oven were used.
 - Use microwave-safe cookware only.
- Food is not defrosted completely.
 - Completely defrost food.
- Oven ventilation ports are restricted.
 - Check to see that oven venti-lation ports are not restricted.
- Cooking time, power level is not suitable.
 - Use correct cooking time, power level.

Improper defrosting

- Materials to be avoided in microwave oven were used.
 - Use microwave-safe cookware only.
- Cooking time, power level is not suitable.
 - Use correct cooking time, power level.
- Food is not turned or stirred.
 - Turn or stir food.

Sensor cooked foods not properly cooked

- Cover or lid on food not vented.
 - Cover or lid over food must contain vent hole for escaping steam.
- Door opened before sensor-detected cooking time appears in display.
 - Do not open door to stir or turn food before sensor-detected cooking time appears in display.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.