COMMERCIAL MICROWAVE OVEN
USER MANUAL

MODEL

SKU Code	Product Dimensions	Net Weight	Power
MIC001	574 x 528 x 367mm	32.2kg	240V~50Hz 1800W





PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

(a) Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

(c) WARNING: If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

ADDENDUM

If the apparatus is not maintained in a good state of cleanliness, its surface could be degraded and affect the lifespan of the apparatus and lead to a dangerous situation.

SPECIFICATIONS

Model:	MIC001
Rated Voltage:	240V~50Hz
Rated Input Power(Microwave):	3000W
Rated Output Power(Microwave):	1800W
Oven Capacity:	34L
External Dimensions:	574 x 528 x 367mm
Net Weight:	Approx. 32.2. kg

IMPORTANT SAFETY INSTRUCTIONS WARNING

To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when usingyour appliance, follow basic precautions, including the following:

1. Read and follow the specific:"PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".

2. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

3. Keep the appliance and its cord out of reach of children under 8 years.

4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

5. WARNING: Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.

6. WARNING: It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

7. WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode.

8. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.

9. Only use utensils that are suitable for use in microwave ovens.

10. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.

11. WARNING: Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.

12. WARNING : The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.

13. Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.

14. The oven should be cleaned regularly and any food deposits should be removed.

15. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

16. The appliance must not be cleaned with a water jet. (for appliances intended to stand on the floor and whichare not at least IPX5)

17. Only use the temperature probe recommended for this oven. (for ovens provided with a facility to use a temperature-sensing probe.)

18. Metallic containers for food and beverages are not allowed during microwave cooking.

19. The appliance shall not be cleaned with a steam cleaner.

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

TO REDUCE THE RISK OF INJURY TO PERSONS
GROUNDING INSTALLATION
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.

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. 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.

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.

2. If a long cord set 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 long 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.

CLEANING

Be sure to unplug the appliance from the power supply.
1. Clean the cavity of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in soapy water.
3. The door frame and seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.
4. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
5. Cleaning Tip---For easier cleaning of the cavity walls that the food cooked can touch: Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

UTENSILS

CAUTION

Personal Injury Hazard
It is hazardous for anyone other than a compentent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

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

Materials you can use in microwave oven

Browning dish	Follow manufacturer’s instructions. The bottom of browning dish must be placed smoothly on the ceramic board. Incorrect usage may cause the ceramic board 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.

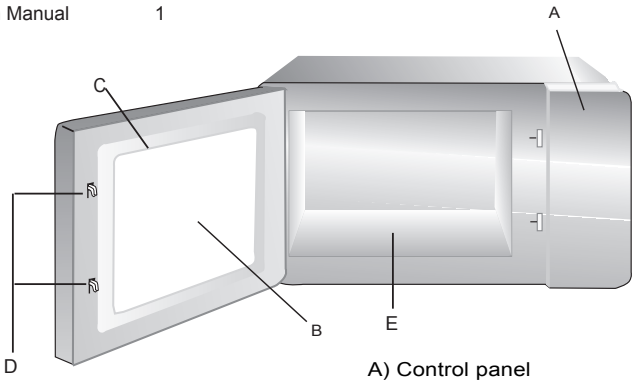
MATERIALS TO BE AVOIDED IN MICROWAVE OVEN

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.

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:



A) Control panel
B) Observation window
C) Door assembly
D) Safety interlock system
E) Ceramic board

Note:

1. Don't press the ceramic board forcibly.
2. Take and put the utensils gently during the operation in order to avoid damage to the ceramic board.
3. After using, don't touch the ceramic board by hand in order to avoid high temperature scald.

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.

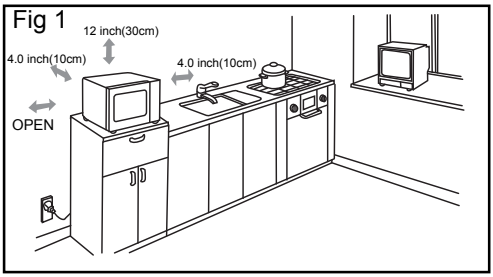
Cabinet: Remove any protective film found on the microwave oven cabinet surface.

Installation

Select a level surface that provide enough open space for the intake and/or outlet vents(Figure1).

A 10-cm spacing should be kept between the appliance and right and back walls, and a 30-cm spacing kept on the top.Never dismantle the applicance's feet ,nor block the air intake and exhaust opening.
The left side must be open.

Fig 1



1. Blocking the intake and/or outlet openings can damage the oven.

2. 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.

3. 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.

4. Warning: T he plug socket,electric appliances or the appliance which are liable effected by heat and moisture should be kept away from any vents on the oven.

CLEANING INSTRUCTIONS

Always keep the oven clean

1. Cleaning the glass viewing window, the inner door panel and oven front face.For best performance and to maintain the high degree of safety, the inner door panel and oven front face should be free of food or grease build-up. Wipe these parts with a mild detergent, rinse and wipe dry. Never use abrasive powders or pads.

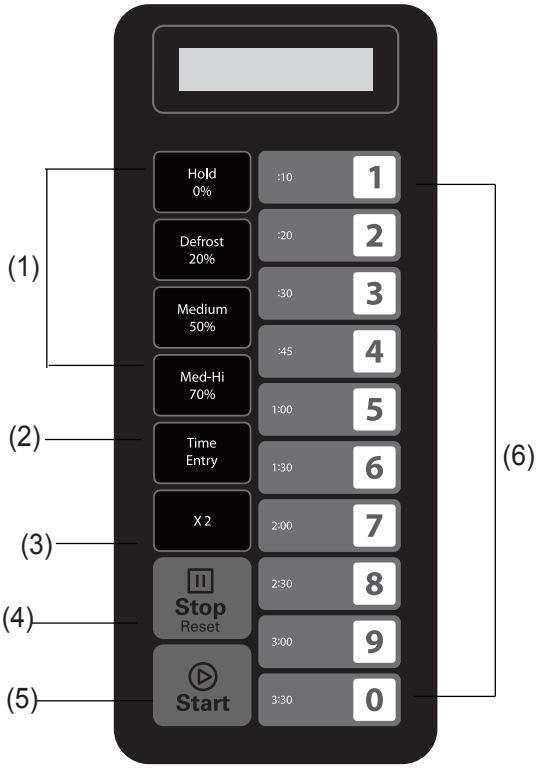
2. Cleaning the control panel and plastic parts.
Do not apply a detergent or an alkaline liquid spray to the control panel and plastic parts, as this may cause damage to these parts. Use a dry cloth (not a soaked cloth) to clean these parts.

3. Cleaning the oven interior.
After use be sure to clean up spilled liquids, spattered oil and food debris as quickly as possible. If the oven is used when dirty, efficiency drops and the dirt gets stuck on the oven surface and may cause bad odours. Clean the interior with a cloth soaked in luke-warm water with a mild detergent dissolved in it, then rinse the soap off with a damp cloth.

CAUTION: Do Not wipe plastic and painted sections of the oven with bleach, thinners or other cleaning agents, as this may cause these parts to dissolve or change sharp.

OPERATION

Control Panel and Features



(1) Power Buttons
(2) Time Entry Button
(3) Double Quantity Button
(4) Stop/Reset Button
(5) Start Button
(6) Number Keyboard

OPERATION INSTRUCTION

Appendix. A User Options
Items bolded below are the default values.

Option	Setting	Description
1 EOC Tone	**OP:10**	3 seconds 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	Keybeep Off
	OP:31	Keybeep On
4 Keyboard Window	OP:40	15 seconds
	OP:41	30 seconds
	OP:42	60 seconds
	OP:43	120 seconds
5 On the Fly	OP:50	On-the-Fly Disable
	OP:51	On-the-Fly Enable
6 Door Reset	**OP:60**	Door reset Disable
	OP:61	Door reset Enable
7 Max time	**OP:70**	60 Minute Maximum Cook Time
	OP:71	10 Minute Maximum Cook Time
8 Manual Programming	OP:80	Manual Programming Disable
	OP:81	Manual Programming Enable
9 Double Digit	**OP:90**	Single Digit Mode-10 programs
	OP:91	Doule Digit Mode-100 programs

Appendix. B Default Cook Times
The oven shall ship with the following Preset Cook Times unless otherwise noted in the product Specification.

Button	Display (Time)	Power	Cook Factors
1	0:10	100%	80%
2	0:20	100%	80%
3	0:30	100%	80%
4	0:45	100%	80%
5	1:00	100%	80%
6	1:30	100%	80%
7	2:00	100%	80%
8	2:30	100%	80%
9	3:00	100%	80%
0	3.30	100%	80%

1. Power Up
"_ _ _ _" displays when the oven is electrified for the first time. If " Stop Reset " button pressed, the oven will change to idle mode. Note: Under idle mode, no button can be pressed.

2. Idle Mode
1. Entry.The oven shall enter idle mode after a set of seconds have expired in Ready Mode without a keyboard press or a door open and close. The number of seconds is determined by the keyboard Timeout Window, set by User Option 4.

2. During idle mode, LED is blank.And there shall be no oven activity.

3. Opening and then closing the oven door, the oven will exit the idle mode and into ready mode.

3. Ready Mode
1. Opening and closing the door while the oven is in Idle Mode will put the oven into Ready Mode.

2. During Ready Mode, "0:00" displays.

3. From the Ready Mode, the oven can go to almost all of the other modes. Only the fan and lamp work.

4. Door Open Mode
1. While the door of the oven is open, the oven shall be in Door Open Mode.

2. During this mode, LED is blank. And the fan and oven lamp work.

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 return to Ready Mode with User Option OP:61 set,opening and closing the door will clear out any information about a Manual or Preset Program which was running.

5. Pause Mode

1. While in Manual Cook Mode, or Preset Program Cook Mode, if the door is open or closed, or if the " Stop/Reset " pad is pressed, the oven will enter Pause Mode.

2. While paused, LED will display the remaining cooking time.

3. Only the fan and lamp work.

4. Pause Mode will expire back to Idle Mode in the exact fashion as Ready Mode, dependent on User Option 4. Additionally,if the " Stop/Reset " button is pressed, the oven shall immediately enter Ready Mode. OR if press " Start " button, the oven will go into working mode.

6. Manual Cook Entry Mode

1. While the oven is in the Ready Mode,pressing the "**Time Entry**" pad on the key-board will put the oven into Manual Cook Entry Mode.

2. During this mode, "00:00" displays

3. If you press "Hold" 0% , "Defrost" 20% , "Medium" 50% or "Med-Hi" 70% button to select power level, LED will display the related power. If the same button pressed twice, the power will change to PL10. If no power chosen, "PL10" is default.

4. Only the fan and lamp work.

7. Manual Cook Mode

1. Pressing the " Start " pad will cause to the oven to begin Manual Cook Mode.

2. During this mode, remaning cooking time displays. The fan and oven lamp will work.

3. When cooking program finish, the oven will enter End of Cook Cycle Mode. If you press " Stop/Reset " button under this mode,the oven will enter Pause Mode.

8. End of Cook Cycle Mode

1. After the time has expired in a Manual Cook Mode, or a Preset Program Cook Mode, the oven shall go into The End of Cook Cycle Mode.

2. During this mode, "End" displays.

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 closing the door or pressing the " Stop/Reset " pad. If User Option OP:10 is selected, after the 3 seconds beep, the oven shall go into Ready Mode.

9. Preset Program Cook Mode

1. This mode allows cooking of food items through a one pad touch operation. While in Ready Mode,pressing one of ten digit keys on the keyboard will cause the oven to run the Preset Program associated with that key.

2. LED displays the remaining cooking time. If it is multi-stage cooking, the total remaning cooking time displays not a particular stage cooking time.

3. When cooking program finish, the oven will enter End of Cook Cycle Mode. If you press " Stop Reset " button under this mode,the oven will enter Pause Mode.

10. On the Fly Cooking

1. While the oven is cooking or under Pause Mode, if User Option OP:51 is selected press number buttons, the preset cooking program will start automatically.

2. LED displays the remaining cooking time.

3. When cooking program finish, the oven will enter End of Cook Cycle Mode. If you press " Stop Reset " button under this mode,the oven will enter Pause Mode.

11. Programming Mode

This mode allows the user to assign cook times and power levels to the once touche button.

1. Open the door and press "1" for 5 seconds,the buzzer will sound once and enter to Programming Mode.

2. "ProG" displays.

3. Press any number ,0 to 9,and the LED will display the saved time, then you can input the time you need.

4. Press "Hold" 0% , "Defrost" 20% , "Medium" 50% or "Med-Hi" 70% to input the power level. LED will display the related power. If the same button pressed twice, the power will change to PL10. If no power chosen, "PL10" is default.

5. To change the cooking fators: If press "X2",LED will display "CF:XX". The default factor is 80%. "CF:80" displays. If you need to change the cooking power, just press one of the number buttons to set.

6. After setting the time and power, press "Start" in 30s, the cooking program will be saved. When the program saved, "ProG" displays.

7. If all the cooking time exceeds the MAX.time User Option 7, when press " Start " to save the program, the buzzer will sound three times briefly to tell you the time is no use. And then LED turn back to show "ProG". The time set before will be no change.

8. Close the door, the oven will turn back to Ready Mode. If press " Stop Reset " button during setting process, the oven turn to Door Open Mode. The program that not saved will be lost. If there is program saved as memory procedure, press the related number button, the saved program will start. If no saved program, the buzzer will alarm when pressing number button and it will not work.

CONTENDER

For example: set the program as memory cooking.

Program; Power level PL7 and cooking time is 1 minute and 25 seconds.

Step 1: In ready state, press number button “1” for 5 seconds,”ProG” displays.

Step 2: Press number button “3”, the program will be saved in “3”.

Step 3: Press number buttons “1”, “2” and “5” to input the cooking time.

Step 4: Press “**Med-Hi 70%**” button,” PL7” displays. Setting finished.

Step 5: Press “ Start “ to save. When use the program next time, the related program will start.

Note:
1. If the electricity is cut off, the saved program will not lost.
2. If the program need to reset , just repeat the aboved steps.
3. If press “ Stop/Reset “ at the last step, it will turn back to Ready Mode the setting will be no use.

12. Double Quantity cooking

1. Under ready state, press “X2” button and then press number buttons 0-9 in 5 seconds, the oven will start cooking with the quantity preset cooking time.

2. Press “X2”, “doub” displays. When press number buttons, LED will display the quantity preset time. For example, number button “5” and its preset time is 1 minute. Then press “X2”, then time will change to 1:00*(1+0.8)=1:48

3. When cooking program finish, the oven will enter End of Cook Cycle Mode.

13. Stage Cooking Programming

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

1. Three stages can be set at most under cooking mode or memory mode. After setting the power and time for the first stage, press “ **Time Entry** “ to set the second stage and the same step to set the third stage.

2. When setting the second or the third stage, press “ **Time Entry** “, “S-2” or “S-3” displays.

3) Press “ Start button to start cooking.

Example: To set three stages as memory mode. The first stageis PL7 and time is 1 minute 25 seconds. The second stage is PL5 and 5 minutes and 40 seconds. The steps are follow.

a. Ready state, press “1” for 5 seconds, LED displays “ProG”.
b. Press number buttons “3” to save the program in “3”.
c. Press “1”,”2”,”5” to input the cooking time. “1:25” displays.
d. Press “**Med-Hi 70%**”, “PL7” displays. The first stage is finished.
e. Press “ **Time Entry** “, LED displays “S-2”.
f. Press “5”, “4”,”0” button, “5:40” displays.
g. Press “**Medium 50%** ”, “PL5” displays.
The second stage is finished.
h. Press “ Start “ to save the program.

14. User Option Mode

1. Open the oven door and press “2” for 5 seconds. The buzzer sounds once and enter this mode.
2. LED displays “OP: - -”.
3. Press any number button to enter related mode setting. For example: to set the voice of the buzzer to medium. Press “ 2 “, “OP:22” displays. If you want to change, keep pressing “2”, LED displays “OP:20”, “OP:21”,”OP:22”,”OP:23”, “OP:20” .....in cycle.
4. Press “ **Start** “ to save the current setting. After saved, “OP: - -” display again.
5. During setting process, press “ **Stop** Reset “ to enter Door Open Mode. Close the door will enter Ready Mode.
6. If ” **Start** “ button not pressed at the last step, the program cannot be saved but stay at previous way.

15. Service Mode

1. Open the oven door and press “3” for 5 seconds to enter service mode.
2. LED displays “SErU”.
3. To check the times of closing or opening the door, just press number button “1”, LED will display the times.
4. Press “ **Start**“ and then press number button “4” in 3 seconds, the message will be cancelled.
5. Press “ **Stop** Reset “ to enter Door Open Mode. Close the door will enter Ready Mode.

16. Inqury Function

During microwave cooking process, press “ **Time Entry** “ to check the power level. LED display the power for 3 seconds then turn back to previous state.
It is available for multi-stage cooking.

17. Factory-default setting

In power up and ready mode, press” **Start** “ and “ o “ to factory--defauct setting.

TROUBLE SHOOTING

Normal	
Microwave oven interfering TV reception	Radio and TV reception may be interfered when microwave oven operating. It is similar to the interference of small electrical appliances, like mixer, vacuum cleaner, and electric fan. It is normal.
Dim oven light	In low power microwave cooking, oven light may become dim. It is normal.
Steam accumulating on door, hot air out of vents	In cooking, steam may come out of food. Most will get out from vents. But some may accumulate on cool place like oven door. It is normal.
Oven started accidentally with no food in.	It is forbidden to run the unit without any food inside. It is very dangerous.

Trouble	Possible Cause	Remedy
Oven can not be started.	(1) Power cord not plugged in tightly.	Unplug. Then plug again after 10 seconds.
	(2) Fuse blowing or circuit breaker works.	Replace fuse or reset circuit breaker (repaired by professional personnel of our company)
	(3) Trouble with outlet.	Test outlet with other electrical appliances.
Oven does not heat.	(4) Door not closed well.	Close door well.



According to Waste of Electrical and Electronic Equipment (WEEE) directive, WEEE should be separately collected and treated. If at any time in future you need to dispose of this product please do NOT dispose of this product with household waste. Please send this product to WEEE collecting points where available.

CONTENDER

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