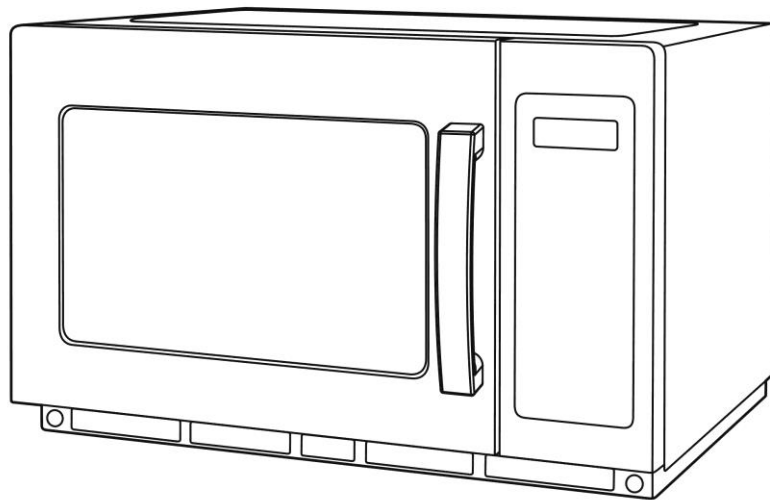




# ROBATHERM

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## OPERATING INSTRUCTIONS

### COMMERCIAL MICROWAVE OVEN

Models:            **RM1434**            **Version 1**

- Features:**
- 1400W Power Output
  - Stainless Steel Construction
  - Ceramic Base
  - 10A Plug
  - Internal Capacity 34L
  - 100 Programmable menus + Multi-stage cooking
  - 20kg

Roband® Australia is a wholly Australian owned company and has been manufacturing quality commercial catering equipment for the food service industry for more than 50 years. Roband products are engineered and manufactured to the highest standards to provide functionality, reliability and durability, and our quality products are exported world-wide.

Included in the comprehensive Roband® range are Toasters, Fryers, Milkshake Mixers, Rotisseries, Food Display Cabinets and much more.

Roband® Australia also acts as the Australian agents for Vitamix® Blenders, Noaw® Meat Slicers, Förje® Cookware, Robalec™ Soup/Rice Warmers, Robatherm® Urns, Robatherm® Microwaves, Halde food processing machines, Austheat® Fryers, Dipol Induction & Autofry.

For a complete set of brochures please contact your nearest authorised dealer or Roband head office.

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# CONTENTS

SPECIFICATIONS.....	3
SAFETY.....	4
CLEANING, CARE & MAINTENANCE .....	5
INSTALLATION .....	6
OPERATION.....	7
QUICKSTART.....	7
STAGED COOKING .....	9
PROGRAMMED MENU OPERATION .....	10
PROGRAMMED MENU SETUP .....	11
DEFROST .....	11
DOUBLE QUANTITY .....	12
ON THE FLY COOKING .....	12
SERVICE MODE .....	12
ADVANCED USER SETTINGS .....	13
RESTORE FACTORY DEFAULTS .....	14
TROUBLESHOOTING .....	14
WARRANTY .....	15

## SPECIFICATIONS

<b>Model</b>	<b>RM1434</b>
<b>Power Source</b>	230 Volts AC ~ 50Hz
<b>Input Power</b>	1900 Watts
<b>Output Power</b>	1400 Watts
<b>Oven Capacity</b>	34 Litres
<b>Oven Cavity (W x D x H)</b>	370 x 385 x 230 mm
<b>External Dimensions (W x D x H)</b>	553 x 488 x 343 mm (includes handle and standoff)
<b>Net Weight</b>	Approx. 20Kg

*Specifications subject to change without notice*

# **SAFETY**

## **GENERAL SAFETY WARNINGS**

- Read and follow all instructions in this manual prior to using this product.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- 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.
- Touching internal electrical components may cause serious injury or death, even with the microwave unplugged. Do not remove cover unless qualified to do so.
- Do not cover or block filter or ventilation openings.
- Keep cord away from heated surfaces.
- This product is suitable for commercial use only.

## **OPERATION SAFETY WARNINGS**

- Do not operate oven without food or load in oven cavity.
- Liquids and other foods must not be heated in sealed containers since they are liable to explode.
- Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the contents.
- 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.
- Only use utensils that are suitable for use in microwave ovens.
- Do not put metal in the oven.
- When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
- 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.
- The oven should be cleaned regularly and any food deposits should be removed. 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.

## MICROWAVE SAFETY WARNINGS:

- If the door or door seals, door hinges or any part of the machine is damaged, the oven must not be operated until it has been repaired by an authorised person.
- Do not place any object between the oven front face and the door, or allow soil or cleaning residue to accumulate on sealing surfaces.
- Do not attempt to operate this appliance with the door open.
- Do not tamper with interlock safety switches.
- This product should not be repaired by anyone other than trained service personnel.

## CLEANING, CARE & MAINTENANCE

**IMPORTANT:** Before cleaning or maintenance commences, ensure the microwave is disconnected from power and has cooled down.

- Toxic cleaners should be avoided when cleaning the inside of the Microwave as they may contact food.
- Caustic cleaners should always be avoided, as they may damage components inside and outside the unit.
- This unit is not suitable for cleaning with the use of a water jet or immersion.
- The door frame, seal and parts nearby must be cleaned carefully with a damp cloth when they are dirty.
- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, causing damage to the door or shielding mesh within.
- **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 shape.
- If the supply cord is damaged it must be replaced by a cord set supplied by Roband. Internal maintenance should only be performed by a Roband appointed service agent or similarly qualified person in order to avoid a hazard.

### **Cleaning the control panel and plastic parts:**

Do not use a detergent or an alkaline spray to clean the control panel or plastic parts as this may cause damage. Use a dry cloth to clean.

### **Cleaning the Microwave interior:**

After use, clean up spilled liquids, spattered oil and food as quickly as possible. If the oven is used while dirty the efficiency drops and the food may get stuck on the interior. Clean the interior with a cloth soaked in warm water with mild detergent dissolved in it, and then rinse the soap off with a damp cloth.

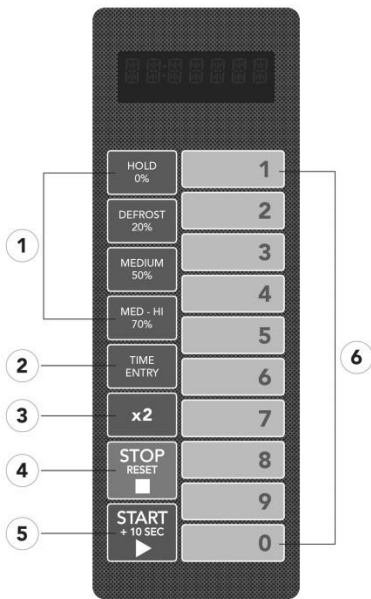
# INSTALLATION

**IMPORTANT:** DO NOT USE THE MICROWAVE DOOR HANDLE TO LIFT THE MICROWAVE OVEN.

- Remove all the packaging materials, tape and any protective film on the microwave and inside the oven cavity.
- Examine the microwave oven and report any damage immediately. Do not attempt to use the oven if there is damage.
- Install on a stable, flat surface. This microwave is designed for counter use only.
- Product should be installed at counter height only (approximately 800-1100mm). Installing outside the recommended mounting height could cause damage to the door hinges and prevent operation.
- Allow at least 150mm clearance from Back and Right side when positioning the microwave. 300mm clearance is required to the Top. The Left side must be open.
- Do not obstruct filter or ventilation openings.
- Install away from TV and radio sets as reception and radio interference might be affected.
- Do not position Microwave near heat, water, oil or steam.
- Do not connect to power using an extension cord.
- A maximum of 2 machines may be stacked on top of each other.

**WARNING:** This product must be earthed. Ensure appliance is plugged into a properly earthed power outlet

# OPERATION



1. **POWER LEVEL** – Used to select power
2. **TIME ENTRY** – To enter cooking time
3. **x2** – Double quantity
4. **STOP / RESET** – To stop Cooking and Reset timer
5. **START / +10s** – Begin/resume cooking or quickstart 10s
6. **NUMBER 0-9** – To input time or program

## QUICKSTART

- 1) Open the door and insert food in the oven. Close the door. “Ready” will display.
- 2) Press ‘**Start**’ to begin cooking with a time of 10 seconds.
- 3) Pressing ‘**Start**’ again while running will add 10 seconds to the timer. Press ‘**Start**’ multiple times to reach desired cooking time.

**NOTE:** QuickStart always runs at 100% power.

## NORMAL COOKING - MANUAL OPERATION

- 1) Open the door and insert food in the oven. Close the door. "Ready" will display
- 2) Set cooking time by pressing '**Time Entry**' then enter cooking time using the numeral keypad
- 3) Select desired power by pressing '**Hold-0%**', '**Defrost – 20%**', '**Medium-50%**' or '**MED-Hi- 70%**'.

**NOTE:** The microwave will operate at 100% power if no power level is selected

- 4) Press '**Start**' to begin cooking

**NOTE:** For 100% power no power setting is displayed. If other power levels have been selected it can be deactivated by pressing the button again.

- 5) Cooking can be paused by pressing '**Stop**' once or by opening the door. To resume cooking while paused, press '**Start**'. Pressing 'Stop' while paused will clear the remaining time.

**NOTE:** The oven can be programmed for a maximum of 60 minutes

**NOTE:** Using a low power may increase cooking time, but may produce a more uniform result in foods such as dairy and meats.

The cooling fan will run to prevent microwave components from overheating.



## STAGED COOKING

The microwave can cook in sequences of up to 3 Time / Power settings which run sequentially without further input from the user. The display will show the total time while cooking.

### Stage 1:

- 1) Open the door and insert food in the oven. Close the door. “Ready” will display.
- 2) Set cooking time by pressing ‘**Time Entry**’ then enter cooking time using the numeral keypad
- 3) Select desired power by pressing ‘**Hold-0%**’, ‘**Defrost – 20%**’, ‘**Medium-50%**’ or ‘**MED-Hi- 70%**’ (skip this step for 100% power).

### Stage 2 & 3:

- 4) Press ‘**Time Entry**’ again and “**STAGE-2**” is displayed. enter desired cooking time for Stage 2
- 5) Select desired power by pressing ‘**Hold-0%**’, ‘**Defrost – 20%**’, ‘**Medium-50%**’ or ‘**MED-Hi- 70%**’ (skip this step for 100% power)
- 6) Repeat Steps 4) and 5) if Stage 3 is required
- 7) Press ‘**Start**’ to begin cooking or ‘**Stop**’ to cancel programming. Display will show total time and run through the stages automatically.
- 8) Cooking can be paused by pressing ‘**Stop**’ once. Pressing ‘**Stop**’ while paused will clear remaining time. To resume cooking while paused, press ‘**Start**’.

## PROGRAMMED MENU OPERATION

The microwave can store up to 10 Pre-Programmed Time / Power sequences. This can be increased to 100 Programs under “Advanced User Settings.”

To select a pre-programmed sequence;

- 1) Open the door and insert food in the oven. Close the door. “Ready” will display
- 2) Enter the ‘**NUMBER**’ for the desired program ‘**0-9**’, OR select ‘**00-99**’ when 100 programs is enabled.
- 3) The oven will then begin the programmed cook sequence.

### Pre-Programmed Cooking Times and Power Level:

Number	Cooking Time	Power Level
1	0:10	100 %
2	0:20	100 %
3	0:30	100 %
4	0:45	100 %
5	1:00	100 %
6	1:30	100 %
7	2:00	100 %
8	3:00	100 %
9	4:00	100 %
10	5:00	100 %

## PROGRAMMED MENU SETUP

- 1) Open the door
- 2) Press and Hold '**1**' for 5 seconds. The display will read "**PROGRAM**"
- 3) Enter the Program number to be changed - '**0-9**', OR '**00-99**' when 100 programs is enabled.
- 4) Set new cooking time using numeral keypad
- 5) Set new Power level by pressing '**Hold-0%**', '**Defrost – 20%**', '**Medium-50%**' or '**MED-Hi- 70%**' (skip this step for 100% power).

### Staged Programing

*Staged cooking sequences can also be saved to the programmed menu. A staged program will cook in 2-3 sequential Time/Power stages.*

- 6) If **Staged cooking** is required, press '**Time Entry**' then repeat steps 4 and 5 for up to 3 stages
- 7) Press '**Start**' to save or '**Stop**' to cancel
- 8) When a staged program is run the microwave will run through each stage automatically without user input. The display will show total time for all stages.

## DEFROST

Defrost function cycles power intermittently to assist food to thaw evenly.

- 1) Open the door and insert food in the oven. Close the door. "Ready" will be displayed.
- 2) Press the '**Time Entry**' button and enter desired time.

**NOTE:** The maximum defrost time is 60 minutes.

## DOUBLE QUANTITY

The cooking times of programmed menus can be adjusted for double the food quantity by pressing '**X2**', then pressing the desired programmed menu number within 5 seconds.

**NOTE:** The time will increase 1.8 times the programmed time to account for the additional food load.

## ON THE FLY COOKING

During cooking, any Pre-Programmed Menu can be run "on the fly" by pressing the corresponding number. In this situation, the remaining time and power will be updated to that of the Programmed menu.

## SERVICE MODE

Service mode can be used to display the number of times the door has been opened or closed.

- 1) Open door, press and hold '**3**' for 5 seconds. "**Service**" is displayed.
- 2) Press the number '**3**' again to display the number of times the door has been opened and closed.
- 3) To reset this count press number '**4**', then the '**Start**' button.
- 4) To exit, press '**Stop**' and close the door.

## ADVANCED USER SETTINGS

User options can be changed to customise the machine.

- 1) Open the oven door.
- 2) Press hold button '2' for 5 seconds. "**OP:--**" is displayed.
- 3) Press the first digit of the setting you want to modify (ref table below)
- 4) Press the first digit again to cycle through the available options.  
For example: To set the buzzer volume to medium. Press '2', "**OP:22**" is displayed. Each subsequent press of the number '2' will cycle through the options "**OP:21**", "**OP:22**", "**OP:23**", "**OP:20**".
- 5) Press '**Start**' to save the desired setting.
- 6) After modifying desired settings, press '**Stop**' and close the door.

Option	Setting	Description
1 Buzzer Tone	<b>OP:10</b>	3 seconds beep
	OP:11	Continuous beep
	OP:12	5 quick beeps, repeating
2 Buzzer Volume	OP:20	Beeper Off
	OP:21	Low
	<b>OP:22</b>	Medium
	OP:23	High
3 Buzzer On/Off	OP:30	Keypad beep Off
	<b>OP:31</b>	Keypad beep On
4 Keyboard Window	OP:40	15 seconds
	OP:41	30 seconds
	<b>OP:42</b>	60 seconds
	OP:43	120 seconds
5 On the Fly	OP:50	On-the-Fly Disabled
	<b>OP:51</b>	On-the-Fly Enabled
6 Door Reset	<b>OP:60</b>	Door reset Disabled
	OP:61	Door Reset Enabled
7 Max time	<b>OP:70</b>	60 Minute Maximum Cook Time
	OP:71	10 Minute Maximum Cook Time
8 Manual Programming	OP:80	Manual Programming Disabled
	<b>OP:81</b>	Manual Programming Enabled
9 Double Digit	<b>OP:90</b>	Single Digit Mode-10 programs
	OP:91	Double Digit Mode-100 programs

**Note:** Settings in bold are default settings

## RESTORE FACTORY DEFAULTS

Follow the steps below to return the unit to factory default settings.

**NOTE:** All programmable menus will be restored to default by this procedure.

- 1) Open and close door.
- 2) Press and hold '**Start**' and '**0**' together for 10 seconds.

## MATERIALS SUITABLE FOR USE

- Items containing metal should not be used in the microwave as they may cause sparking. Even a small amount of metal plating on the edge of dishes and cups can cause sparking and should not be used.
- Combustible materials such as paper should be used with caution as they may ignite. Use only for short cooking times and only while attended.
- Plastic foam should not be used in the microwave as it may melt and contaminate food.
- Use only products marked as microwave safe for ceramic, glass and plastic products.

## TROUBLESHOOTING

Only after all points below have been checked should you call for service:

### **If the Microwave is not working:**

- ✓ Check that the machine is plugged into the power point correctly and the power is switched on and working.
- ✓ Check that the door is properly closed and not obstructed by food or any object.

### **If the Microwave is sparking in the cavity:**

- ✓ Check that there are no metal utensils, metal containers or dishes with metal trim being used.

# WARRANTY

The warranty conditions set out below are in addition to any warranties implied or governed by law.

Roband Australia warrants that this appliance shall be delivered free from defects in material and workmanship. The warranty for this product is offered to the original purchaser, to be free of fault in both workmanship and materials for a period of 12 months from date of purchase. Roband's obligations pursuant to this warranty are limited to the repair or replacement of the defective goods or materials, at its discretion and subject to the terms contained within this Warranty statement.

***The following conditions apply;***

The product must be installed, maintained and used under normal operating conditions within the scope of the operating instructions.

All warranty claims must be submitted to Roband or an authorised Roband dealer, and Roband authorisation must be granted prior to repairs being carried out. Proof of purchase is required for any repair authorisation.

Warranty is back to base, meaning delivery to and collection of your product to Roband or an authorized service agent is the responsibility of the purchaser.

***The following exclusions apply;***

Claims or faults arising from misuse, neglect, transport damage or other mechanical damage, including but not limited to; door's, hinges & interlock switches etc., other than those arising from manufacture or material defects.

Roband or any subsidiary company or Agent shall not be liable for loss of profit or damage to other equipment and property except where it is in breach of the guarantees provided in accordance with applicable legislation.

Roband reserves the right to reject a warranty claim if it is not satisfied with the circumstances under which the fault occurred or where a product has been altered from its original specification.

Any costs incurred for false claims or faults due to incorrect usage etc. are the responsibility of the claimant.

Any attempt to repair the product by non Roband approved service personnel or the use of non-genuine parts will void the warranty agreement

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Authorized service agents are located in most areas which have authorized distribution dealers. For the name of your nearest Australian authorised service agent, please contact:

**Roband Australia Pty Ltd**

1 Inman Road, Cromer, NSW 2099

Warranty: 1800 268 848, Phone: (02) 9971 1788 Fax: (02) 9971 1336

All other countries please contact your selling Agent.

Please complete the following details and keep this card in a safe place.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

MODEL No: \_\_\_\_\_ SERIAL No: \_\_\_\_\_ DATE PURCHASE \_\_\_\_\_

NAME OF DEALER: \_\_\_\_\_

PLEASE RETAIN THIS SECTION FOR YOUR RECORDS - **DO NOT POST**

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