

## Sharp R-77AT-ST

# Sharp 34 Liter Microwave Oven R-77AT-ST User Manual

Model: R-77AT-ST

## INTRODUCTION

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Thank you for purchasing the Sharp 34 Liter Microwave Oven, Model R-77AT-ST. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read these instructions thoroughly before using the microwave oven and keep them for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

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When using electrical appliances, basic safety precautions should be followed, including the following:

- Read all instructions before using the appliance.
- Do not attempt to operate this oven with the door open as this can result in harmful exposure to microwave energy.
- Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- Do not operate the oven if it is damaged. It is particularly important that the oven door closes 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.
- The oven should not be adjusted or repaired by anyone except properly qualified service personnel.
- Ensure the appliance is properly grounded.
- Do not heat liquids or other foods in sealed containers since they are liable to explode.
- Only use utensils that are suitable for use in microwave ovens.
- Do not use corrosive chemicals or vapors in this appliance.
- Close supervision is necessary when the appliance is used by or near children.

## PRODUCT OVERVIEW

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The Sharp R-77AT-ST is a freestanding microwave oven designed for efficient cooking and reheating. Below is a general view of the appliance and its main components.



**Figure 1:** Front view of the Sharp 34 Liter Microwave Oven R-77AT-ST. This image shows the control panel on the right, the oven door with a handle, and the overall silver finish of the appliance.

### Main Components:

- **Control Panel:** Features buttons for various functions and settings.
- **Oven Door:** Equipped with a safety interlock system.
- **Turntable:** Rotates food for even cooking.
- **Oven Cavity:** The interior space where food is placed.
- **Door Handle:** For opening and closing the oven door.

## SETUP INSTRUCTIONS

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1. **Unpacking:** Carefully remove the microwave oven and all packing materials from the carton. Check the oven for any damage, such as dents or a misaligned door. Do not operate the oven if it is damaged.
2. **Placement:** Place the oven on a flat, stable surface that can support its weight. Ensure there is adequate ventilation space: at least 20 cm (8 inches) above the oven, 10 cm (4 inches) at the rear, and 5 cm (2 inches) on each side. Do not block any ventilation openings.
3. **Power Connection:** Plug the power cord into a standard grounded electrical outlet. Ensure the voltage and frequency match the specifications of your appliance (220-240V, 50Hz).
4. **Turntable Installation:** Place the turntable ring inside the oven cavity, then place the glass turntable plate on top of the ring, ensuring it sits securely on the center hub.

## OPERATING INSTRUCTIONS

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### Basic Microwave Cooking:

1. Place food in a microwave-safe container on the turntable.
2. Close the oven door securely.
3. Press the "Microwave" button (or equivalent) and select the desired power level (e.g., 100% for full power). This model has 1 power level, so adjust cooking time accordingly.
4. Use the numeric keypad or dial to set the cooking time.
5. Press the "Start" button to begin cooking.

### Defrost Function:

The defrost function allows you to thaw frozen foods quickly and efficiently.

1. Place the frozen food on a microwave-safe plate.
2. Press the "Defrost" button.
3. Enter the weight of the food using the numeric keypad, or select the appropriate defrost program if available.
4. Press "Start". The oven may pause during defrosting to allow you to turn or separate the food.

### Timer Function:

The timer can be used as a kitchen timer or to set delayed cooking.

- **Kitchen Timer:** Press the "Timer" button, set the desired time, and press "Start". The oven will count down without cooking.
- **Delayed Start:** Some models allow setting a delay before cooking begins. Consult the specific control panel for this feature.

### Auto Cook Programs:

This microwave oven includes various auto cook programs for common dishes. Refer to the labels on your control panel for specific program names and usage.

1. Place the food in the oven.
2. Press the "Auto Cook" button (or select the specific food program).
3. Select the food type and/or weight as prompted.
4. Press "Start".

## MAINTENANCE AND CLEANING

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Regular cleaning and maintenance will ensure the longevity and optimal performance of your microwave oven.

- **Cleaning the Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Cleaning the Interior:** For spills and splatters, wipe the interior cavity with a damp cloth immediately. For stubborn stains, place a bowl of water with lemon slices inside and microwave for 2-3 minutes to loosen residue, then wipe clean.
- **Turntable:** The glass turntable and turntable ring can be removed and washed in warm soapy water or in a dishwasher.

- **Door Seals:** Keep the door seals and adjacent parts clean. Use a mild detergent and a soft cloth.
- **Odor Removal:** To remove odors, combine a cup of water with several tablespoons of lemon juice or vinegar in a microwave-safe bowl. Microwave on high for 5 minutes, then let it sit in the oven for another 5 minutes before opening the door.

**Caution:** Always unplug the microwave oven before cleaning.

## TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Oven does not start.	Power cord not plugged in; Door not closed properly; Fuse blown or circuit breaker tripped.	Ensure power cord is securely plugged in; Close door firmly; Check household fuse or reset circuit breaker.
Food is not cooking or heating properly.	Incorrect cooking time/power level; Food not suitable for microwave; Door not sealed.	Adjust cooking time/power; Use microwave-safe dishes; Ensure door is fully closed.
Sparking inside the oven.	Metal in the oven; Food residue on cavity walls.	Remove any metal objects (foil, metal-trimmed dishes); Clean oven interior thoroughly.
Turntable does not rotate.	Turntable not correctly placed; Obstruction under turntable.	Ensure turntable is correctly seated on the hub and ring; Remove any obstructions.

If the problem persists after trying these solutions, please contact qualified service personnel.

## SPECIFICATIONS

Feature	Detail
Brand	Sharp
Model Number	R-77AT-ST
Capacity	34 Liters
Electrical Power / Power Consumption	1000 Watts
Special Features	Timer Function, Defrost
Installation Type	Freestanding
Material (Exterior/Interior)	Metal
Control Type	Buttons
Number of Power Levels	1 (Adjustable by time)
Heating Method	Microwave Radiation
Defrost System Type	Defrost

Feature	Detail
Cooking Programs	Auto Cook, Defrost, Power Levels, Reheat, Timer Function
Frequency	50 Hz
Color	Silver

## WARRANTY AND SUPPORT

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Your Sharp R-77AT-ST Microwave Oven comes with a manufacturer's warranty. Please refer to the included **Warranty Card** for detailed terms and conditions, including the warranty period and coverage. For technical support, service, or to inquire about replacement parts, please contact Sharp customer service. Contact information can typically be found on the warranty card or the official Sharp website.

*Note: Keep your purchase receipt as proof of purchase for warranty claims.*