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## Panasonic NN-SN97JS

# Panasonic NN-SN97JS Cyclonic Wave Inverter Microwave Oven User Manual

Model: NN-SN97JS

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Panasonic NN-SN97JS Cyclonic Wave Inverter Microwave Oven. Please read all instructions carefully before use and retain this manual for future reference.

### Key Features:

- **Cyclonic Wave Technology:** Ensures precision, ultra-efficient 3D heat circulation for even cooking.
- **Inverter Technology:** Delivers a constant stream of cooking power at every temperature, preventing overcooking and cold spots.
- **Genius Sensor:** Automatically adjusts power levels and cooking/defrosting time based on steam production.
- **Large Capacity:** 2.2 cubic feet with a 16.5-inch turntable, offering ample space for various dishes.
- **High Power:** 1250 Watts for faster cooking and reheating.
- **Versatile Cooking Options:** Includes 20 auto cook options for popular foods like pizza, popcorn, pasta, soup, and oatmeal.
- **Food Warming Feature:** Keeps food warm until ready to serve.
- **Child Safety Lock:** Prevents unintended operation.



Figure 1: Front view of the Panasonic NN-SN97JS Microwave Oven.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using the appliance.
- Do not operate the oven empty.
- Do not heat sealed containers or bottles with narrow necks, as they may explode.
- Do not attempt to tamper with, or make any adjustments or repairs to the door, control panel, safety interlock switches, or any other part of the oven.
- Always use microwave-safe cookware.
- Supervise children closely when the oven is in use.
- Do not use corrosive chemicals or vapors in this appliance.
- If materials inside the oven should ignite, keep the oven door closed, turn off the oven, and disconnect the power cord.

## 3. SETUP AND INSTALLATION

### Unpacking:

1. Remove all packing materials from inside the oven cavity and from the oven door.
2. Check the oven for any damage, such as a misaligned or bent door, damaged door seals and sealing surface, broken or loose door hinges and latches, or dents inside the cavity or on the door. If there is any damage, do not operate the oven and contact qualified service personnel.

### Placement:

- Place the oven on a flat, stable surface that can support its weight and the heaviest food item likely to be cooked in the oven.
- Ensure adequate ventilation. Leave a minimum of 4 inches (10 cm) of space around the sides, top, and rear of the oven for proper airflow.

- Keep the oven away from heat and steam sources.
- This microwave is designed for countertop use or can be built-in with an optional trim kit (sold separately).



## Sleek Modern Exterior

Large, family size countertop microwave with sleek stainless steel exterior

Figure 2: Microwave dimensions for proper placement.

### Electrical Connection:

- Plug the oven into a properly grounded 3-prong outlet. Do not use an adapter or extension cord.
- Power requirement: 120V 60Hz, 12.7A 1480W, AC only.

### Turtable Assembly:

1. Place the roller ring in the center of the oven cavity floor.
2. Place the glass tray on top of the roller ring, ensuring it sits securely in the center.



Figure 3: Interior view showing the glass turntable and roller ring.

## 4. OPERATING INSTRUCTIONS

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Your Panasonic NN-SN97JS microwave oven offers various cooking modes and features. Familiarize yourself with the control panel for optimal use.



Figure 4: Close-up of the control panel with a hand selecting a function.

### Basic Microwave Cooking:

1. Place food in a microwave-safe container on the glass tray.
2. Close the oven door.
3. Turn the **Time/Weight** dial to set the desired cooking time.
4. Press the **Start** button.

### Genius Sensor Cooking:

The Genius Sensor automatically calculates cooking time and power levels for various foods. It detects steam emitted from the food to determine doneness.

1. Place food in the oven.
2. Select the desired **Sensor Cook** or **Sensor Reheat** option (e.g., Popcorn, Frozen Foods, Coffee/Milk).
3. Press the **Start** button. The oven will automatically determine the cooking time.

## Inverter Turbo Defrost:

This feature provides gentle, continuous power for thawing frozen foods without partially cooking them.

1. Place frozen food in the oven.
2. Press the **Inv. Turbo Defrost (lb/kg)** button.
3. Turn the **Time/Weight** dial to select the weight of the food.
4. Press the **Start** button.

## Keep Warm Function:

Use this function to keep cooked food warm for an extended period without overcooking.

1. Place cooked food in the oven.
2. Press the **Keep Warm** button.
3. Press the **Start** button.

## Quick 30 Function:

For quick heating, press the **Quick 30** button to add 30 seconds of cooking time at full power. You can press it multiple times to add more time.

## Child Safety Lock:

To activate the child safety lock, press and hold the **Stop/Reset** button for approximately 3 seconds until 'LOCK' appears on the display. To deactivate, repeat the process.

Your browser does not support the video tag.

Video 1: Explanation of Panasonic Inverter Technology for even cooking.

## 5. MAINTENANCE AND CLEANING

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

### Exterior Cleaning:

- Wipe the exterior with a soft cloth and mild soap and water. Dry thoroughly.
- Do not use abrasive cleaners or harsh chemicals.

### Interior Cleaning:

- Clean the interior cavity after each use with a soft cloth, warm water, and mild detergent.
- For stubborn food splatters, place a bowl of water with lemon slices inside and microwave on high for 2-3 minutes. The steam will loosen the residue, making it easier to wipe clean.

### Turtable and Roller Ring:

- The glass turntable and roller ring can be removed for cleaning. Wash them in warm, soapy water or in the dishwasher.
- Ensure they are completely dry before placing them back in the oven.

## 6. TROUBLESHOOTING

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If you experience issues with your microwave oven, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Oven does not start	Power cord unplugged; Door not closed properly; Fuse blown or circuit breaker tripped; Child safety lock activated.	Plug in power cord; Close door firmly; Check house fuse/circuit breaker; Deactivate child safety lock.
Food not heating evenly	Food not stirred or rearranged; Incorrect power level/time; Turntable not rotating.	Stir or rearrange food during cooking; Adjust power level/time; Check turntable assembly.
Turntable not rotating	Turntable or roller ring not positioned correctly; Food item too large or heavy.	Re-position turntable and roller ring; Use a smaller dish or divide food.
Display shows an error code	Internal malfunction.	Unplug the oven for 1 minute, then plug it back in. If the error persists, contact customer support.

For further assistance, please contact Panasonic customer support.

## 7. SPECIFICATIONS

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- **Brand:** Panasonic
- **Model Number:** NN-SN97JS
- **Capacity:** 2.2 Cubic Feet
- **Wattage:** 1250 Watts
- **Voltage:** 120 Volts
- **Product Dimensions (D x W x H):** 19.5 x 23.9 x 14 inches
- **Item Weight:** 35 Pounds
- **Material:** Stainless Steel
- **Installation Type:** Countertop (Built-in with optional trim kit)
- **Special Feature:** Cyclonic Inverter, Genius Sensor
- **Included Components:** Microwave Oven, Glass Turntable

## 8. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included with your product or visit the official Panasonic website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, service, or to order parts, please contact Panasonic customer service through their official channels.

**Online Support:** [Visit the Panasonic Store on Amazon](#)



### Related Documents - NN-SN97JS

	<p><b>Panasonic Microwave Oven NN-SN966S &amp; NN-SN686S User Manual</b></p> <p>Comprehensive user manual for Panasonic Microwave Oven models NN-SN966S and NN-SN686S. Covers safety instructions, operation, cooking, maintenance, and cookware guidelines for these Inverter Technology and Genius Sensor equipped appliances.</p>
	<p><b>Panasonic Microwave Oven Operating Instructions (NN-ST975S, NN-ST785S, NN-ST775S, NN-ST765S)</b></p> <p>Comprehensive operating instructions and safety guide for Panasonic Microwave Oven models NN-ST975S, NN-ST785S, NN-ST775S, and NN-ST765S. Learn how to use, clean, and maintain your microwave oven safely.</p>
	<p><b>Panasonic Microwave Oven Owner's Manual - NN-SN94JS, NN-SN96JS, NN-SN97JS, NN-SN98JS</b></p> <p>Owner's manual for Panasonic microwave oven models NN-SN94JS, NN-SN96JS, NN-SN97JS, NN-SN98JS. Includes safety instructions, operation guides, cooking charts, maintenance, and specifications.</p>
	<p><b>Panasonic Microwave Oven Owner's Manual - NN-SN94JS, NN-SN96JS, NN-SN97JS, NN-SN98JS</b></p> <p>Comprehensive owner's manual for Panasonic microwave ovens, models NN-SN94JS, NN-SN96JS, NN-SN97JS, and NN-SN98JS. Includes safety instructions, operation guides, cooking tips, maintenance, specifications, and troubleshooting.</p>
	<p><b>Panasonic Microwave Oven Owner's Manual (NN-ST99JS, NN-ST98JS, NN-ST96JS)</b></p> <p>Comprehensive owner's manual for Panasonic Microwave Oven models NN-ST99JS, NN-ST98JS, and NN-ST96JS. Includes detailed safety instructions, operation guides, cookware compatibility, food preparation tips, maintenance, troubleshooting, specifications, and warranty information.</p>
	<p><b>Manuel de l'utilisateur Panasonic NN-ST96JS/NN-ST99JS - Four à micro-ondes</b></p> <p>Manuel d'utilisation détaillé pour le four à micro-ondes Panasonic NN-ST96JS et NN-ST99JS, couvrant la sécurité, l'installation, l'utilisation, l'entretien, le dépannage et la garantie.</p>