

Panasonic NN-SN686S

Panasonic Microwave Oven Instruction Manual

MODEL: NN-SN686S

Brand: Panasonic

1. Introduction

Welcome to the comprehensive instruction manual for your new Panasonic Microwave Oven NN-SN686S. This 1200-Watt, 1.2-cubic-foot capacity stainless steel microwave is designed for efficient and even cooking, featuring advanced Inverter Technology and a Genius Sensor. This manual provides essential information for safe and optimal use of your appliance.

2. Important Safety Information

WARNING: To reduce the risk of fire, electric shock, injury to persons, or exposure to excessive microwave energy, observe the following basic precautions:

- Read all instructions before using the appliance.
- Do not operate the oven when empty.
- Do not heat sealed containers or bottles, as they may explode.
- Do not use corrosive chemicals or vapors in this appliance.
- Ensure proper ventilation around the unit.
- Always use microwave-safe cookware.
- Do not attempt to service or repair the appliance yourself. Refer to qualified service personnel.

3. Product Features



Front view of the Panasonic Microwave Oven NN-SN686S, showcasing its sleek stainless steel design.



Side view illustrating the compact dimensions of the microwave, ideal for various kitchen setups.

- **1200 Watt High Power:** Delivers powerful and efficient cooking performance.
- **Inverter Technology with Turbo Defrost:** Provides a seamless stream of cooking power for consistent, evenly prepared food without overcooking. Advanced Inverter Turbo Defrost significantly speeds up defrosting time.
- **1.2 Cubic Foot Capacity:** Spacious interior with a 13.4-inch turntable (340mm diameter) to accommodate various dish sizes.
- **Genius Sensor:** Built-in automatic sensor adjusts power levels and cooking/defrosting times based on the

food's steam output, ensuring optimal results.

- **14 Auto Cook Options:** Pre-programmed settings for popular foods like pizza, popcorn, pasta, soup, oatmeal, and more.
- **Keep Warm Feature:** Maintains the warmth and freshness of soups, gravies, or desserts until ready to serve.
- **Child Safety Lock:** Prevents unsupervised operation for enhanced safety.
- **Membrane Keypad and Push-Button Door Release:** User-friendly interface for easy programming and access.

4. Setup

1. **Unpacking:** Carefully remove the microwave oven and all packing materials from the carton. Remove any protective film from the exterior surfaces.
2. **Placement:** Place the microwave on a flat, stable surface such as a kitchen countertop. Ensure there is adequate space for ventilation (minimum 4 inches clearance on top, sides, and rear). Do not block air vents. This model is suitable for countertop use or can be built-in with an appropriate trim kit (sold separately).
3. **Turntable Assembly:** Place the roller ring securely in the center of the oven cavity. Then, place the glass turntable plate on top of the roller ring, ensuring it sits properly in the center support.
4. **Power Connection:** Plug the power cord into a grounded 120V / 60Hz electrical outlet. Ensure the outlet is easily accessible.

5. Operating Instructions



Control panel and interior view, showing the keypad and glass turntable.

- **Setting the Clock:** Press the 'Clock Set' button, enter the current time using the number pad, and press 'Clock Set' again to confirm.
- **Basic Microwave Cooking:**
 - a. Place food in a microwave-safe container on the turntable.
 - b. Enter the desired cooking time using the number pad (e.g., '1', '0', '0' for 1 minute).
 - c. Press 'Start'. The oven will automatically cook at full power (P10).
- **Adjusting Power Level:** After entering cooking time, press 'Power Level' repeatedly to select desired power (P10 for 100%, P9 for 90%, down to P1 for 10%). Then press 'Start'.
- **Quick 30:** Press 'Quick 30' for 30 seconds of cooking at full power. Press again to add more time in 30-second increments.
- **Genius Sensor Cooking (Auto Cook):**
 - a. Place food in the oven.
 - b. Press 'Sensor Cook' repeatedly to cycle through the 14 pre-set menu items (refer to the chart inside the oven door for corresponding numbers).
 - c. Press 'Start'. The oven will automatically determine the cooking time.
- **Sensor Reheat:** Place food in the oven. Press 'Sensor Reheat'. The oven will automatically reheat the food to an optimal temperature.
- **Inverter Turbo Defrost:**
 - a. Place frozen food in the oven.
 - b. Press 'Inv. Turbo Defrost (lb/kg)'.
 - c. Enter the weight of the food using the number pad.
 - d. Press 'Start'. The oven will defrost based on weight.
- **Keep Warm:** Press 'Keep Warm' to maintain food temperature after cooking.
- **Child Safety Lock:** To activate, press 'Start' three times. To deactivate, press 'Stop/Reset' three times.

6. Maintenance and Cleaning

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

- **Interior Cleaning:** Wipe the interior cavity with a damp cloth and mild detergent after each use. For stubborn stains, place a bowl of water with lemon slices inside and microwave for a few minutes to loosen residue, then wipe clean.
- **Exterior Cleaning:** Clean the exterior surfaces, including the door and control panel, with a soft, damp cloth. Avoid abrasive cleaners or scouring pads.
- **Turntable and Roller Ring:** The glass turntable and roller ring can be removed and washed in warm, soapy water or in the dishwasher. Ensure they are completely dry before placing them back in the oven.
- **Door Seals:** Keep the door seals clean to ensure proper closure and efficient operation.

7. Troubleshooting

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Oven does not start	Check if the power cord is securely plugged in. Ensure the door is closed properly. Check household fuse or circuit breaker.
Food not heating evenly	Ensure food is placed on the turntable. Stir or rearrange food halfway through cooking. Use appropriate microwave-safe dishes.
Turntable not rotating	Check if the turntable and roller ring are correctly positioned. Ensure no food debris is obstructing movement.
Oven light not working	The bulb may need replacement. Contact customer support for assistance.
Unusual noise during operation	Ensure the turntable is properly seated. Check for any foreign objects inside the cavity.

8. Specifications

Feature	Specification
Model Number	NN-SN686S
Capacity	1.2 Cubic Feet
Cooking Power	1200 Watts
Power Consumption	1480 Watts
Power Source	120V / 60Hz
External Dimensions (H x W x D)	12-1/4 in x 20-11/16 in x 15-13/16 in
Internal Dimensions (H x W x D)	9-15/16 in x 13-15/16 in x 14-3/8 in
Turntable Diameter	13.4 inches (340mm)
Item Weight	25.5 pounds
Material	Stainless Steel
Color	Stainless Steel / Silver

9. Warranty and Support

For detailed warranty information and customer support, please refer to the official Panasonic website or the user guide provided with your product. You can also find the User Guide (PDF) [here](#).

