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ADAX NP08KDTWHITE

Adax Neo NP 800W Electric Radiator Instruction Manual

Model: NP08KDTWHITE

1. Introduction

This manual provides essential information for the safe and efficient use of your Adax Neo NP 800W Electric Radiator. Please read these instructions carefully before installation and operation, and retain them for future reference.
The Adax Neo NP is a modern electric convector heater designed for efficient and comfortable heating in various indoor environments. It features a programmable digital thermostat and complies with Ecodesign directive requirements for energy efficiency.



Image 1: Front view of the Adax Neo NP 800W Electric Radiator.

2. Safety Information

Important Safety Instructions:

- Read all instructions before using this heater.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Do not use outdoors.
- This heater is not intended for use in bathrooms, laundry areas, or similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 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. Package Contents

Please check the package for the following items:

- Adax Neo NP Electric Radiator
- Wall mounting bracket kit
- Power cable (1.2m) with plug
- Instruction Manual

If any items are missing or damaged, please contact your retailer.

4. Installation (Setup)

4.1 Wall Mounting

The Adax Neo NP radiator is designed for wall mounting. The necessary bracket kit is included. Ensure the wall surface is suitable for supporting the heater's weight (approximately 4.7 kg for the 800W model).

1. Choose a suitable location on the wall, away from curtains or flammable materials. Ensure adequate clearance around the heater for proper air circulation.
2. Use the provided mounting bracket as a template to mark the drilling points on the wall.
3. Drill holes and insert appropriate wall plugs (if necessary, depending on wall material).
4. Secure the mounting bracket to the wall using the screws provided.
5. Carefully hang the radiator onto the mounted bracket, ensuring it is securely seated.



Image 2: Adax Neo NP Electric Radiator wall-mounted in a room.

4.2 Optional Floor Installation

For floor-standing use, optional feet can be purchased separately. Follow the instructions provided with the optional feet for proper attachment and stability.

4.3 Power Connection

Connect the 1.2m power cable to a standard 230V electrical outlet. Ensure the outlet is easily accessible and not overloaded.

4.4 Recommended Usage Areas

This radiator is suitable for home heating, office heating, and supplemental heating in poorly insulated areas. Refer to the specifications section for recommended heating areas based on wattage.

5. Operation

Once installed and connected to power, the radiator can be operated using the controls located on the right side of the unit, next to the LED display.



Image 3: Close-up of the LED display and control buttons.

5.1 Power On/Off

Press the power button (usually indicated by a symbol or a specific button) to turn the radiator on or off. The LED display will illuminate when the unit is active.

6. Programming and Thermostat Functions

The Adax Neo NP features a digital thermostat with advanced programming capabilities to optimize comfort and energy consumption.

6.1 Setting Temperature

Use the '+' and '-' buttons next to the display to adjust the desired temperature. The thermostat maintains temperature with a precision of ± 0.3°C.

6.2 Programmable Timer

The 24-hour programmable timer allows you to set different temperature levels for various times of the day or week. This enables maintaining a comfortable temperature when you are home and an economic temperature when you are away.

6.3 Open Window Detection

The radiator is equipped with an open window detection feature. If a sudden drop in temperature is detected (indicating an open window), the heater will temporarily reduce its output to save energy.

6.4 Adaptive Start Control

This feature learns the heating characteristics of your room and automatically adjusts the start time of heating cycles to reach the desired temperature at the programmed time, rather than starting to heat at the programmed time.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your radiator.

- **Cleaning:** Disconnect the radiator from the power supply before cleaning. Use a soft, damp cloth to wipe the

exterior surfaces. Do not use abrasive cleaners or solvents.

- **Dust Removal:** Periodically vacuum or wipe dust from the air intake and exhaust vents to ensure unrestricted airflow.
- Do not attempt to open or repair the radiator yourself. Refer all servicing to qualified personnel.

8. Troubleshooting

If you encounter issues with your Adax Neo NP radiator, refer to the following common problems and solutions:

- **Radiator not heating:**
  - Check if the power cable is securely plugged into a working outlet.
  - Ensure the radiator is switched on and the thermostat is set to a temperature higher than the current room temperature.
  - Verify that the circuit breaker has not tripped.
- **Display not working:**
  - Check power connection.
  - If the issue persists, contact customer support.
- **Radiator is too hot or not hot enough:**
  - Adjust the thermostat setting.
  - Ensure no objects are blocking the air vents.
  - Check if the open window detection feature is active and if a window is indeed open.

For problems not listed here, please contact Adax customer support.

9. Specifications

Feature	Detail
Brand	ADAX
Model Number	NP08KDTWHITE
Power	800 Watts
Voltage	230 Volts
Material	Stainless Steel
Dimensions (L x W x H)	70.4 x 9 x 37 cm (approx. 8.4 x 70.4 x 37 cm for product dimensions)
Weight	4.7 Kilograms
Special Feature	Programmable Thermostat
Heating Method	Convection
Mounting Type	Wall Mount (optional floor mount with separate feet)

9.1 Recommended Heating Area

The following table provides guidance on the recommended heating area based on the radiator's wattage and insulation levels. This is an approximation and actual performance may vary based on room characteristics, external temperature, and other factors. (Note: Original image text was in German and has been translated for clarity).

Leistung des Heizkörpers, W	Heizfläche bei dem Bedarf bis 50 W/ m²	Heizfläche bei dem Bedarf von 50 bis 100 W/ m²	Heizfläche bei dem Bedarf von über 100 W/ m²
250	5 – 6 m²	2 – 4 m²	2 – 3 m²
400	6 – 10 m²	5 – 7 m²	3– 5 m²
600	10 – 14 m²	8 – 10 m²	4 – 7 m²
800	14 – 20 m²	12 – 14 m²	6 – 9 m²
1000	18 – 26 m²	14 – 16 m²	8 – 12 m²
1200	24 – 30 m²	17 – 20 m²	10– 14 m²
1400	28 – 35 m²	21 – 25 m²	12 – 17 m²
2000	32 – 50 m²	26 – 34 m²	17 – 24 m²
Hinweis: Deckenhöhe bis 2,5 m			

Image 4: Table for recommended heating area (W/m²). Note: Ceiling height up to 2.5m.

Heater Power (W)	Heating Area (up to 50 W/m²)	Heating Area (50 to 100 W/m²)	Heating Area (over 100 W/m²)
250	5 - 6 m²	2 - 4 m²	2 - 3 m²
400	6 - 10 m²	5 - 7 m²	3 - 5 m²
600	10 - 14 m²	8 - 10 m²	4 - 7 m²
800	**14 - 20 m²**	**12 - 14 m²**	**6 - 9 m²**
1000	18 - 26 m²	14 - 16 m²	8 - 12 m²
1200	24 - 30 m²	17 - 20 m²	10 - 14 m²
1400	28 - 35 m²	21 - 25 m²	12 - 17 m²
2000	32 - 50 m²	26 - 34 m²	17 - 24 m²

10. Warranty and Support

10.1 Manufacturer's Warranty

The Adax Neo NP Electric Radiator comes with a**5-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact Adax customer support through your retailer or visit the official Adax website.

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