

ADAX NP10KDTRED

ADAX NEO NP KDT 1000W Electric Radiator User Manual

Model: NP10KDTRED

1. INTRODUCTION

Thank you for choosing the ADAX NEO NP KDT 1000W Electric Radiator. This manual provides essential information for the safe and efficient operation of your new heating appliance. The ADAX NEO NP KDT is an energy-efficient electric radiator featuring a modern design, an integrated thermostat with a timer, and advanced functions for optimal comfort and energy saving.

Key features include:

- Integrated LED display for easy programming and temperature monitoring.
- Programmable weekly timer with Comfort and Economy modes.
- Window open detection for energy saving.
- Efficient X-shaped aluminum heating element.
- Antifrost mode.
- Child lock function.



Image 1.1: The ADAX NEO NP KDT 1000W Electric Radiator in red.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Retain this manual for future reference.

- This appliance is intended for indoor use only.
- Ensure the power supply voltage matches the rating on the appliance (230V).
- Do not cover the radiator, as this can cause overheating and fire hazard.
- Keep flammable materials away from the radiator.
- Do not operate the radiator with a damaged cord or plug. Contact qualified service personnel for repairs.
- Do not insert objects into any openings on the radiator.
- The radiator surface can become hot during operation. Avoid direct contact, especially with children.
- Always unplug the radiator before cleaning or maintenance.
- 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.

3. SETUP

3.1 Unpacking

Carefully remove the radiator from its packaging. Check for any signs of damage. If the product is damaged, do not install or operate it, and contact your supplier.

3.2 Mounting

The ADAX NEO NP KDT radiator is designed for wall mounting. Ensure the wall is suitable to support the weight of the radiator (approximately 5 kg). Follow the instructions provided with the mounting bracket (if included) for secure installation.

If floor mounting is desired, optional 'P' feet must be purchased separately and installed according to their specific instructions.

3.3 Electrical Connection

Connect the radiator to a standard 230V electrical outlet. Ensure the outlet is properly grounded and capable of handling the 1000W power consumption of the radiator. Do not use extension cords or multi-plugs unless absolutely necessary and rated for the appliance's power requirements.

4. OPERATING INSTRUCTIONS

4.1 Controls and Display

The radiator features an LED display and programming buttons located on the right side. The LED display shows the current temperature or program settings.



Image 4.1: Close-up of the LED display and control buttons on the side of the radiator.

4.2 Basic Operation

1. **Power On/Off:** Plug the radiator into a suitable power outlet. The display will illuminate.

2. **Setting Temperature:** Use the '+' and '-' buttons to adjust the desired room temperature. The display will show the set temperature.

4.3 Programming the Thermostat

The integrated thermostat allows for weekly programming with two main modes: **Comfort** and **Economy**. Comfort mode maintains a higher, preferred temperature, while Economy mode sets a lower, energy-saving temperature.

Refer to the detailed programming instructions in the separate programming guide (if provided) or the full digital manual for specific steps on setting weekly schedules.

4.4 Advanced Features

- **Window Open Detection:** The radiator automatically detects a sudden drop in room temperature, indicating an open window or door. It temporarily switches off heating to prevent energy waste during ventilation. Heating resumes once the temperature stabilizes.
- **Antifrost Mode:** This mode maintains a minimum temperature (typically around 5-7°C) to prevent freezing in unoccupied rooms, protecting pipes and property.
- **Child Lock:** Activates to prevent accidental changes to settings by children. Consult the programming guide for activation/deactivation steps.



Image 4.2: Overview of ADAX NEO NP features.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your ADAX NEO NP KDT radiator.

5.1 Cleaning

1. Always unplug the radiator from the power supply before cleaning.
2. Allow the radiator to cool down completely.
3. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh

chemicals, as these can damage the finish.

4. Ensure no moisture enters the control panel or electrical components.
5. Do not spray water directly onto the radiator.

5.2 Storage

If storing the radiator for an extended period, ensure it is clean and dry. Store it in a cool, dry place, preferably in its original packaging to protect it from dust and damage.

6. TROUBLESHOOTING

If you encounter issues with your radiator, refer to the following common troubleshooting steps:

- **Radiator not heating:**
 - Check if the radiator is properly plugged into a working power outlet.
 - Ensure the thermostat is set to a temperature higher than the current room temperature.
 - Verify that the child lock is not activated, preventing temperature adjustments.
 - Check if the window open detection has been triggered. Close any open windows/doors.
- **Display not working:**
 - Ensure the radiator is receiving power.
 - Try unplugging and re-plugging the unit after a few minutes.
- **Unusual noises or smells:**
 - Immediately unplug the radiator.
 - Contact qualified service personnel. Do not attempt to repair the unit yourself.

For persistent problems or issues not covered here, please contact your retailer or ADAX customer support.

7. SPECIFICATIONS

Specification	Detail
Brand	ADAX
Model Number	NP10KDTRED
Power	1000 Watts
Voltage	230 Volts
Dimensions (L x W x H)	76.2 x 9 x 37 cm
Weight	5 Kilograms
Color	Red
Heating Method	Convection
Usage	Indoor
Mounting Type	Wall (Floor with optional feet)

7.1 Recommended Heating Area

The following table provides guidance on the suitable heating area based on radiator power and insulation requirements. This is an estimate, and actual performance may vary based on room insulation, window quality, and external temperatures. (Note: Assumes ceiling height up to 2.5 m)

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

Hinweis: Deckenhöhe bis 2,5 m

Image 7.1: Recommended heating area based on radiator power and insulation levels.

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

8. WARRANTY AND SUPPORT

ADAX has been a reliable manufacturer of heating appliances since 1948, known for quality and durability.

For warranty information, please refer to the terms and conditions provided at the point of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

For technical support or further assistance, please contact your product retailer or visit the official ADAX website for contact details.