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ADAX NP10KDTWHITE

Adax Neo NP 10 KDT Electric Panel Heater User Manual

Model: NP10KDTWHITE

Introduction Safety Information Product Components Setup & Installation Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing the Adax Neo NP 10 KDT Electric Panel Heater. This manual provides essential information for the safe and efficient operation of your new heater. Please read it thoroughly before installation and use, and retain it for future reference.

The Adax Neo NP 10 KDT is a modern, wall-mounted electric panel heater designed to provide comfortable and energy-efficient heating for various indoor spaces. Its sleek design, integrated LED display, and advanced features ensure optimal performance and user convenience.



Image 1.1: The Adax Neo NP 10 KDT Electric Panel Heater in white, featuring a digital display.

2. Safety Information

Please read all safety warnings and instructions carefully before using this appliance to prevent electric shock, fire, injury, or property damage.

- Ensure the heater is installed by a qualified electrician in accordance with local regulations.
- Do not cover the heater. Covering the heater can cause overheating and fire.
- Keep flammable materials (curtains, furniture, paper, etc.) at a safe distance from the heater.
- Do not operate the heater near water or in damp environments (e.g., bathrooms, laundry rooms) unless specifically rated for such use.
- Do not insert objects into any openings on the heater.
- Unplug the heater from the power outlet before cleaning or performing any 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.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

3. Product Components

The Adax Neo NP 10 KDT heater consists of the following main components:

- **Heater Body:** The main unit containing the heating element and electronics.
- **LED Display:** Located on the front right side, showing temperature and program settings.
- **Control Buttons:** Located on the right side of the heater, used for setting temperature and programming.
- **Wall Mounting Bracket:** For secure installation to a wall.
- **Power Cable:** For connecting the heater to the electrical supply.



Image 3.1: Close-up view of the LED display and control buttons.

4. Setup & Installation

The Adax Neo NP 10 KDT heater is designed for wall-mounted installation. Professional installation is recommended.

4.1 Choosing a Location

- Install the heater on a flat, vertical wall surface.
- Ensure there is adequate clearance around the heater (minimum distances from floors, ceilings, and adjacent walls as per local regulations).
- Avoid installing directly below an electrical outlet.
- Consider the room size and insulation when determining the appropriate wattage. Refer to the heating area guide below.



Image 4.1: Example of a wall-mounted Adax Neo NP 10 KDT heater.

4.2 Heating Area Guide

The following table provides a general guide for selecting the appropriate heater wattage based on room size and insulation levels. This is a translation of the provided image data.

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 4.2: Heating area recommendations based on heater wattage and room heat demand. Note: Ceiling height up to 2.5m.

Recommended Heating Area (m²) for Ceiling Height up to 2.5m

Heater Power (W)	Heat Demand up to 50 W/m²	Heat Demand 50-100 W/m²	Heat Demand 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

4.3 Mounting the Heater

1. Carefully unpack the heater and check for any damage.
2. Attach the wall mounting bracket to the desired location on the wall using appropriate screws and wall plugs (not included, consult a professional for suitable fixings). Ensure the bracket is level and securely fastened.
3. Hang the heater onto the wall mounting bracket, ensuring it clicks securely into place.
4. Connect the power cable to a suitable grounded electrical outlet.

5. Operating Instructions

The Adax Neo NP 10 KDT features an intuitive LED display and control buttons for easy operation and programming.

5.1 Powering On/Off

Once connected to power, the heater will typically display the current room temperature. Use the power button (if available, or refer to specific model instructions for initial power-up) to turn the unit on or off.

5.2 Setting the Temperature

1. Press the '+' or '-' buttons on the side of the heater to adjust the desired temperature.
2. The LED display will show the set temperature, then revert to displaying the current room temperature after a few seconds.



Image 5.1: Functional control via the LED display and side buttons.

5.3 Programming Modes

The heater includes an integrated clock and allows for programming different temperature modes to optimize energy consumption.

- **Comfort Mode:** Maintains a higher, comfortable temperature.
- **Economy Mode:** Maintains a lower, energy-saving temperature.
- **Integrated Clock:** Allows scheduling of Comfort and Economy modes throughout the day or week. Refer to the detailed programming section in the full manual for specific steps.



Image 5.2: The heater supports easy programming for customized heating schedules.

5.4 Energy Saving Features

- **Open Window Detection:** The heater can detect a sudden drop in room temperature (e.g., when a window is opened) and temporarily switch off to avoid unnecessary heating, resuming operation once the window is closed or after a set period.
- **Adaptive Heating Control:** This feature learns the room's heating characteristics to optimize start times and maintain desired temperatures more efficiently.



Image 5.3: The heater's energy-saving features contribute to efficient heating.

5.5 Anti-Frost Mode

This mode maintains a minimum temperature (typically around 5-7°C) to prevent freezing in unoccupied rooms, protecting pipes and property during cold periods.

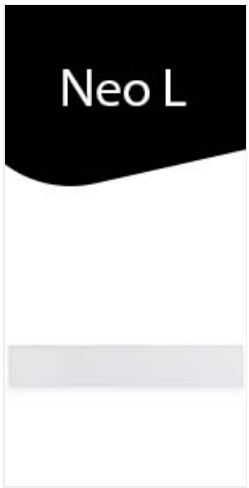


Image 5.4: Anti-frost mode helps protect your space from freezing temperatures.

5.6 Child Lock

The control panel can be locked to prevent accidental changes to settings, ensuring safety and consistent heating.



Image 5.5: The child lock feature prevents unintended adjustments to the heater settings.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your Adax Neo NP 10 KDT heater.

- **Cleaning:** Disconnect the heater from the power supply before cleaning. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or spray directly onto the heater.
- **Dust Removal:** Periodically vacuum or gently brush any dust from the air inlets and outlets to maintain optimal airflow.
- **Inspection:** Regularly check the power cord and plug for any signs of damage. If damage is found, contact qualified service personnel for repair.

7. Troubleshooting

If you encounter issues with your heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Power button not pressed. Child lock activated.	Check power outlet and circuit breaker. Press the power button. Deactivate child lock (refer to full manual).
Heater is on but not heating.	Temperature setting too low. Open window detected. Overheat protection activated.	Increase the set temperature. Close windows/doors. Unplug, wait 30 minutes, then plug back in. Ensure no obstructions.
Inconsistent heating.	Drafts or poor insulation. Incorrect programming.	Seal drafts, improve insulation. Review and adjust programming schedule.
Display shows an error code.	Internal fault.	Note the error code and contact customer support.

If the problem persists after attempting these solutions, please contact customer support.

8. Specifications

Feature	Detail

Feature	Detail
Manufacturer	Adax
Model Number	NP10KDTWHITE
Dimensions (L x W x H)	76.2 x 9 x 37 cm (approx. 8.4 x 76.2 x 37 cm product dimensions)
Weight	5 Kilograms
Power Output	1000 Watts
Voltage	230 Volts
Power Source	Corded Electric
Mounting Type	Wall Mount
Special Features	LED Display, Programmable Thermostat, Open Window Detection, Anti-frost Mode, Child Lock
Heating Method	Radiating heat (Convection with X-shaped aluminum element)
Recommended Use	Supplementary heating for living rooms, bedrooms, offices, etc.
Color	White

9. Warranty & Support

9.1 Warranty Information

ADAX products are manufactured to high-quality standards. This product comes with a manufacturer's warranty covering defects in materials and workmanship under normal use. The specific duration and terms of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your retailer or visit the official ADAX website for support contact details. When contacting support, please have your product model number (NP10KDTWHITE) and proof of purchase readily available.

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