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> Kalia MAUNA 2000W Dry Inertia Electric Radiator with LCD Screen User Manual

Kalia MAUNA 2000W

Kalia MAUNA 2000W Dry Inertia Electric Radiator

USER MANUAL - MODEL: BAT-HT20PMA2

Brand: Kalia

1. Introduction

Thank you for choosing the Kalia MAUNA 2000W Dry Inertia Electric Radiator. This manual provides essential information for the safe installation, operation, and maintenance of your new heating appliance. Please read it thoroughly before use and keep it for future reference.

This radiator features a cast iron heating core and an LCD screen for precise control, designed for efficient heating of spaces up to 30m². It delivers gentle, continuous warmth with a modern, elegant design.



2. Safety Instructions

To prevent personal injury or property damage, always follow these basic safety precautions:

- Read all instructions before installing or using this heater.
- Ensure the power supply voltage matches the rating label on the appliance.
- 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 intended for indoor use only.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 1 meter (3 feet) from the front of the heater and away from the sides and rear.
- 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.
- This appliance is equipped with an automatic reset thermal safety feature to prevent overheating.
- Installation must be performed by a qualified electrician and comply with local electrical codes.
- Do not cover the radiator.

3. Setup and Installation

The Kalia MAUNA radiator is designed for easy wall mounting. A fixation kit is included.

3.1 Unpacking

- Carefully remove the radiator from its packaging.
- Check for any signs of damage. If damaged, do not install and contact your retailer.
- Ensure all components of the fixation kit are present.

3.2 Wall Mounting

The radiator should be securely mounted on a solid wall using the provided lockable wall mounting bracket. Ensure adequate clearance around the radiator for proper heat circulation and safety.

- Choose a suitable location, ideally in living areas like a living room or children's bedroom, away from direct drafts or obstructions.
- Mark the drilling points on the wall according to the mounting bracket dimensions.
- Drill holes and insert wall plugs (if necessary).
- Secure the mounting bracket to the wall.
- Carefully hang the radiator onto the bracket, ensuring it is level and securely locked in place.



Image 2: Kalia MAUNA 2000W Radiator installed on a wall.

3.3 Electrical Connection

Connect the radiator to a suitable 240V AC power supply. This appliance is Class II and complies with CE/NF/RoHS/ERP standards. It also features pilot wire compatibility for advanced control systems.

- Ensure the power supply is disconnected before making any electrical connections.
- Connect the radiator's electrical cable to the appropriate wall outlet or junction box.
- If using the pilot wire function, connect it to your home's central heating control system as per its instructions.
- Once connected, restore power.

4. Operating Instructions

Your Kalia MAUNA radiator is equipped with an electronic control system and an LCD screen for intuitive operation.

4.1 Control Panel Overview

The LCD screen displays the current temperature and selected mode. Buttons allow for temperature

adjustment, mode selection, and programming.

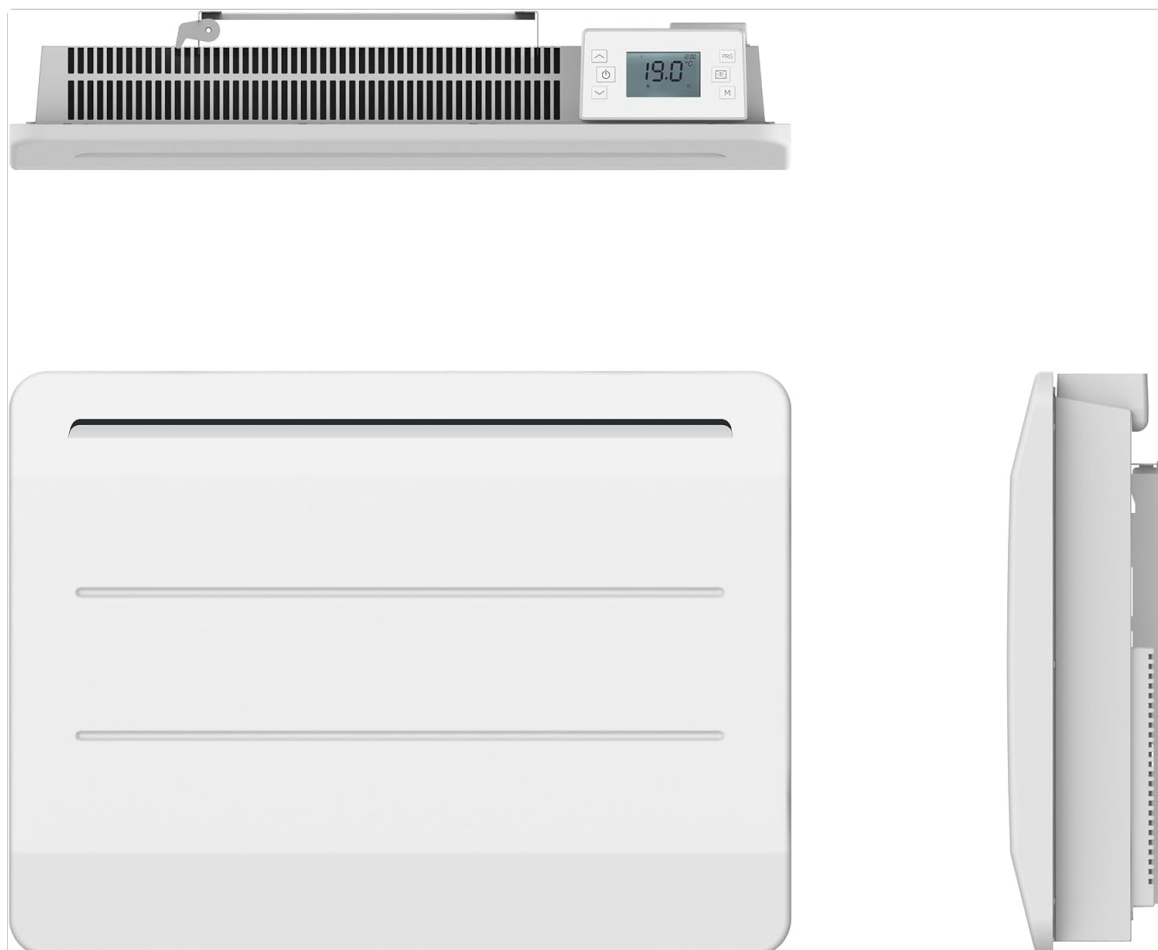


Image 3: Top view showing the LCD control panel and buttons.

4.2 Operating Modes

Select from the following heating modes:

- **Comfort Mode:** Maintains your desired set temperature.
- **Eco Mode:** Reduces the set temperature by a few degrees (e.g., 3-4°C) compared to Comfort Mode, saving energy while maintaining a comfortable background heat.
- **Frost-guard Mode:** Maintains a minimum temperature (e.g., 7°C) to prevent freezing, ideal for unoccupied periods.

4.3 Programming

The radiator offers daily and weekly programming options, including 3 pre-installed programs, to optimize energy consumption and comfort.

- Refer to the detailed instructions in the full manual (if available) for setting up custom daily and weekly programs.
- To activate a pre-installed program, navigate through the menu using the control panel buttons.

4.4 Special Features

- **Open Window Detection:** The radiator can detect a sudden drop in temperature (e.g., when a window is opened) and temporarily switch to Frost-guard mode to avoid wasting energy. It will resume normal operation once the window is closed or after a set period.
- **Overheat Protection:** For safety, the radiator will automatically shut off if it detects an internal

overheating condition. It features an automatic reset thermal safety mechanism.

5. Principle of Operation: Dry Inertia Heating

The Kalia MAUNA radiator utilizes dry inertia heating technology, specifically with a cast iron core. This principle offers several advantages:

- A cast iron plate, heated by an electrical resistance, collects and accumulates heat.
- This accumulated heat is then slowly and continuously released into the room, even after the electrical resistance has turned off.
- This process results in a rapid temperature rise and homogeneous, gentle heat distribution throughout the room.
- Compared to traditional radiant or panel heaters, dry inertia radiators are more energy-efficient as they continue to diffuse heat without constant power consumption.
- The continuous and gentle heat sensation makes it suitable for large rooms.

6. Maintenance

The Kalia MAUNA Dry Inertia Electric Radiator is designed for minimal maintenance.

- **Cleaning:** Ensure the radiator is switched off and cool before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No Internal Maintenance:** The internal components do not require user maintenance. Do not attempt to open or repair the appliance yourself.
- **Air Vents:** Periodically check that the air vents are free from dust and obstructions to ensure efficient operation.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Radiator does not heat.	No power supply; thermostat set too low; overheat protection activated.	Check power connection and circuit breaker. Increase thermostat setting. Allow radiator to cool down and reset automatically.
LCD screen is blank.	No power supply; internal fault.	Check power connection. If power is present and screen remains blank, contact customer support.
Radiator heats intermittently.	Thermostat cycling; open window detection activated.	This is normal operation as the radiator maintains the set temperature. Check if a window is open, close it to resume normal heating.

Problem	Possible Cause	Solution
Unusual noises (e.g., clicking).	Thermal expansion/contraction of materials.	Minor noises due to thermal expansion are normal. If noises are loud or persistent, contact customer support.

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

8. Specifications

Technical details for the Kalia MAUNA 2000W Dry Inertia Electric Radiator:

Feature	Detail
Model	MAUNA 2000W
Model Reference	BAT-HT20PMA2
Manufacturer	BATIMEX
Power Output	2000 Watts
Voltage	240 Volts
Power Type	DC/AC
Dimensions (L x W x H)	85 x 11 x 45 cm
Weight	11 Kilograms
Color	White
Material	Aluminum, Cast Iron
Special Features	Overheat protection, Open window detection, Pilot wire
Included Components	Radiator, Mounting bracket
Certifications	CE, NF, RoHS, ERP (2015/1188) Directive Class II

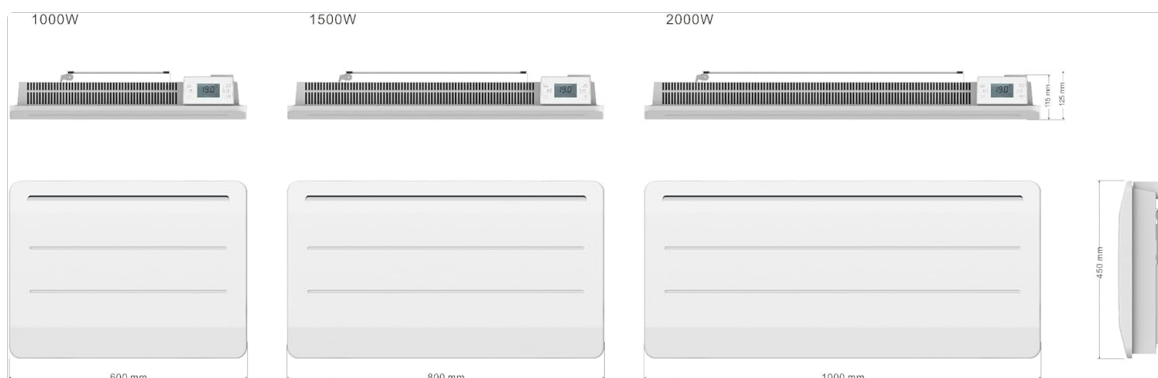


Image 4: Dimensions of Kalia MAUNA radiators (2000W model shown on the right).



Image 5: NF certification logo, indicating compliance with French and European standards.

9. Warranty and Support

Your Kalia MAUNA radiator comes with a **2-year warranty** from the date of purchase, covering manufacturing defects.

For warranty claims, technical support, or any questions not covered in this manual, please contact Kalia customer service or visit the official Kalia store:

[Visit the Kalia Store on Amazon](#)

Please retain your proof of purchase for warranty purposes.