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> Karinear 24 Inch Built-in Induction Cooktop User Manual

Karinear KNI-B47238-F2

Karinear 24 Inch Built-in Induction Cooktop

USER MANUAL

Product Overview

The Karinear 24 Inch Induction Cooktop is a modern, built-in appliance designed for efficient and convenient cooking. It features four burners, magnetic knob control, and a high-quality glass surface. This cooktop operates on a 220-240V hard-wired connection and offers various safety and cooking functions to enhance your kitchen experience.



Figure 1: Top view of the Karinear 24 Inch Built-in Induction Cooktop, showcasing its sleek black glass surface and control panel.

Important Safety Information

Please read all safety instructions carefully before operating the appliance. Keep this manual for future reference.

- **Electrical Connection:** This appliance requires a 220-240V hard-wired connection. It does not come with a plug. Installation should be performed by a qualified electrician.
- **Child Lock:** Activate the child lock function to prevent accidental operation, especially by children.
- **High Temperature Protection:** The cooktop is equipped with a high temperature protection system to prevent overheating.
- **Pause Function:** Use the pause function to temporarily stop cooking without losing your settings.
- **Cookware Compatibility:** Only use magnetic, induction-compatible cookware. Non-magnetic materials will not heat.
- **Ventilation:** Ensure proper ventilation around and beneath the cooktop as per installation guidelines.

Setup and Installation

The Karinear induction cooktop is designed for built-in installation. Proper installation is crucial for safe and efficient operation.

Dimensions and Cut-out Requirements

Refer to the diagram below for precise product dimensions and recommended cut-out sizes for your countertop.



Figure 2: Detailed dimensions of the cooktop (49.02 x 55.88 x 5.08 cm) and a wiring diagram for 220-240V hard-wired connection. The diagram illustrates the 5-wire cable from the cooktop connecting to the home power supply (L1, L2, N, Ground).

Electrical Connection

This appliance requires a dedicated 220-240V AC power supply. It must be hard-wired into your electrical system by a qualified and licensed electrician. Ensure the circuit breaker and wiring are appropriately sized for the cooktop's 7200W power rating.

- Connect the cooktop's 5-wire cable to the corresponding wires from your home power supply as shown in Figure 2.
- Ensure all connections are secure and comply with local electrical codes.

Operating Instructions

Control Methods

The cooktop offers two convenient ways to control the burners: a magnetic knob and touch-sensitive controls.



Figure 3: Illustration showing both the magnetic knob control, which can be twisted for adjustments, and the touch-sensitive control panel, allowing direct finger input. The magnetic knob is removable.

- **Magnetic Knob Control:** Place the magnetic knob on the designated area. Twist the knob to adjust power levels. The knob can be removed for cleaning or to prevent accidental changes.
- **Touch Sensitive Control:** Directly touch the corresponding symbols on the glass panel to select burners, adjust power, or activate functions.

Power Levels and Boost Function

Each of the four burners has 9 adjustable power levels. The cooktop has a total power output of 7200W.

4 Burners Induction Cooktop

7200W High Power Fast Heating

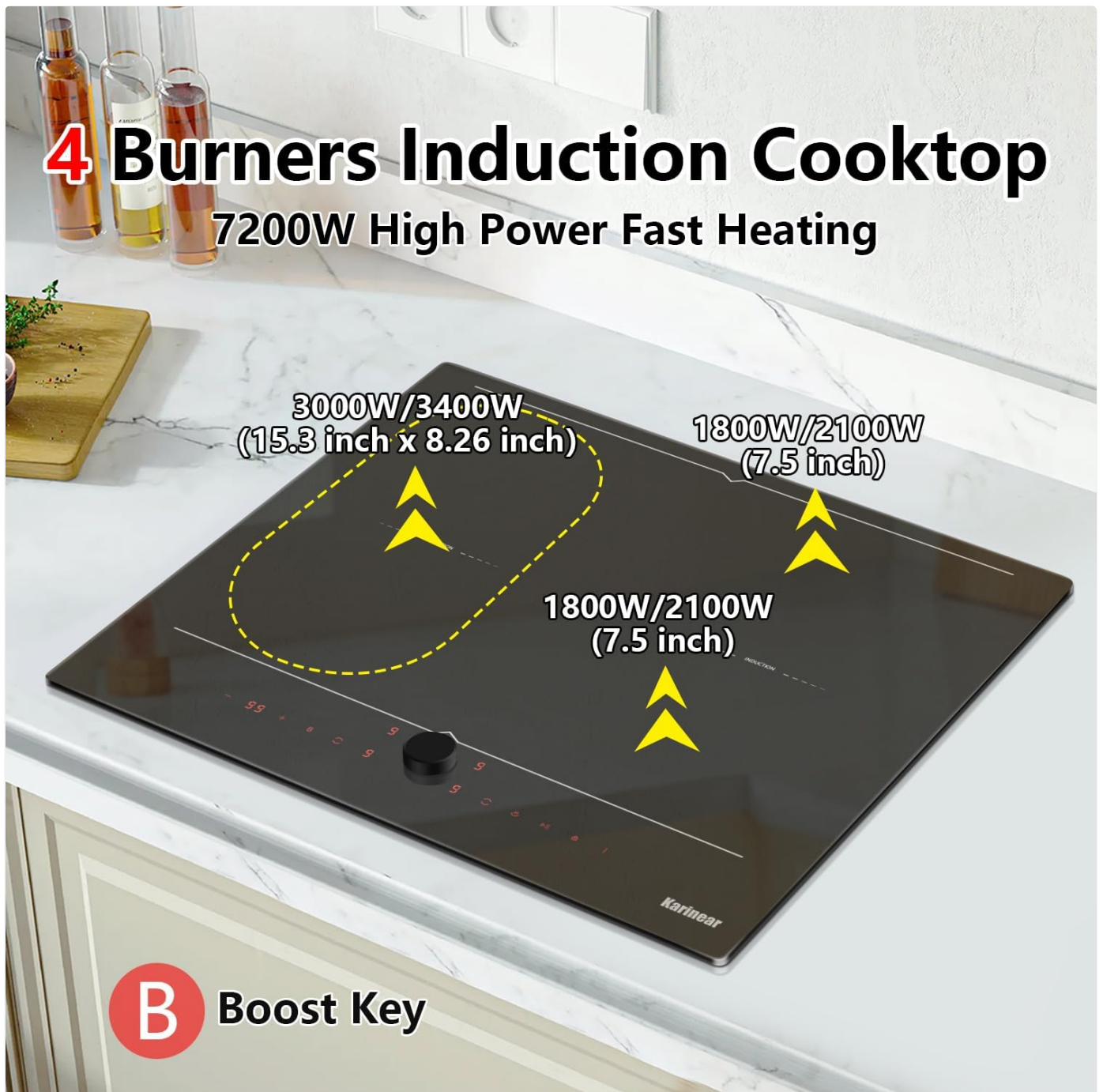


Figure 4: Layout of the four burners with their respective power ratings. The two larger burners can reach 3000W/3400W (15.3 x 8.26 inches), and the two smaller burners can reach 1800W/2100W (7.5 inches). The 'B' indicates the Boost Key.

- **Power Adjustment:** Use the knob or touch controls to select a power level from 1 to 9.
- **Boost Function:** Press the 'Boost' key (often marked 'B') to temporarily increase the power of a selected burner to 2100W for rapid heating. This function typically lasts for 5 minutes.

2-in-1 Heating Flex Zone

The cooktop features a flexible heating zone that allows you to combine two burner areas into a larger zone for oversized or rectangular cookware.



Figure 5: The 2-in-1 Heating Flex Zone allows two adjacent burners to be combined into a larger heating area (39x21cm) by pressing the designated "burner combination" key, suitable for rectangular pots and pans.

- To activate the flex zone, select the "burner combination" function on the control panel. This will link the two designated burner areas.
- The combined zone measures approximately 39 x 21 cm (15.3 x 8.26 inches).

Additional Functions

Multi-Functions Induction Cooktop

Design to keep your family safe



Figure 6: Visual representation of the various functions available on the cooktop, including power levels, child lock, boost, over-temperature protection, timer, and pause.

- **Child Lock:** Press and hold the child lock button to activate/deactivate. When active, the control panel is locked to prevent unintended changes.
- **Timer:** Set a cooking timer for individual burners or the entire cooktop (1-90 minutes). The cooktop will automatically turn off the selected burner(s) when the timer expires.
- **Pause Function:** Press the pause button to temporarily halt all active cooking zones. Press again to resume with previous settings.

Cookware Compatibility

Induction cooktops require cookware with a magnetic base. Test your cookware with a magnet; if it sticks, it's compatible.

BUILT IN DESIGN 220-240V HARD WIRED



Figure 7: Examples of compatible cookware (magnetic-bottom stainless steel, magnetic pot, cast iron pan, enamel cast iron cookware) and incompatible cookware (glass, aluminum, ceramic, copper cookware).

- **Compatible:** Magnetic-bottom stainless steel, cast iron, magnetic pots, enamel cast iron.
- **Incompatible:** Glass, aluminum, ceramic, copper cookware (unless specifically designed for induction with a magnetic base).

Care and Maintenance

Regular cleaning and proper maintenance will ensure the longevity and optimal performance of your Karinear induction cooktop.

- **Daily Cleaning:** After each use, allow the cooktop to cool. Wipe the glass surface with a damp cloth and mild detergent. Dry thoroughly with a clean, soft cloth to prevent water spots.
- **Stubborn Stains:** For burnt-on food or stubborn stains, use a ceramic cooktop cleaner and a non-abrasive pad. Follow the cleaner's instructions.

- **Avoid Abrasives:** Do not use abrasive cleaners, scouring pads, or harsh chemicals, as these can scratch or damage the glass surface.
- **Magnetic Knob:** The magnetic knob can be removed and wiped clean with a damp cloth. Ensure it is dry before reattaching.

Troubleshooting

If you encounter issues with your cooktop, refer to the following common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Cooktop does not turn on or respond to touch.	Power supply issue, child lock activated, or temporary electronic glitch.	<p>Check if the circuit breaker for the cooktop is tripped. Reset if necessary.</p> <p>Ensure the child lock is deactivated.</p> <p>If unresponsive, try turning off the power to the cooktop at the circuit breaker for 5-10 minutes, then restore power.</p>
Cooktop makes a squealing or humming noise.	Normal operation noise, or specific cookware.	<p>Some noise (humming, buzzing) is normal during induction cooking, especially at higher power settings or with certain types of cookware.</p> <p>Ensure cookware is flat-bottomed and centered on the cooking zone.</p> <p>If the noise is excessive or unusual, contact customer support.</p>
Breaker trips when cooktop is in use.	Overload on the circuit, faulty wiring, or internal issue.	<p>Ensure the cooktop is on a dedicated circuit with appropriate amperage (e.g., 40A for 7200W).</p> <p>Avoid using other high-power appliances on the same circuit simultaneously.</p> <p>If the issue persists, consult a qualified electrician to inspect the wiring and circuit.</p>
Cookware is not heating.	Incompatible cookware, cookware not properly placed.	<p>Verify that your cookware is induction-compatible (magnetic base).</p> <p>Ensure the cookware is centered on the cooking zone.</p> <p>The diameter of the cookware should match the cooking zone size as closely as possible.</p>

Specifications

Feature	Detail
Brand	Karinear
Model Number	KNI-B47238-F2
Product Dimensions	49.02 x 55.88 x 5.08 cm (19.3 x 22.0 x 2.0 inches)

Feature	Detail
Item Weight	10.45 kg (23.04 lbs)
Heating Elements	4 Induction Burners
Power Source	Corded Electric (Hard-wired, No Plug)
Voltage	220-240V
Total Power Output	7200W
Heater Surface Material	Tempered Glass
Control Type	Magnetic Knob and Touch Sensitive
Special Features	2-in-1 Heating Flex Zone, Boost Key, Child Lock, Timer, Pause Function, High Temperature Protection

Warranty and Support

Karinear is committed to the quality of its products.

- **Warranty:** Karinear offers a 5-year commitment to excellence for its kitchen stoves, ensuring peace of mind and a reliable cooking experience. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Karinear customer support through their official channels. Refer to the product packaging or the Karinear brand store on Amazon for contact information.