

## Karinear KNI-B46441

# Karinear 24 Inch Induction Cooktop Instruction Manual

Model: KNI-B46441

## 1. INTRODUCTION

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Thank you for choosing the Karinear 24 Inch Induction Cooktop. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before installation and use, and keep it for future reference.

This induction cooktop features four cooking burners (2x1400W & 2x1800W), digital sensor touch controls, 9 power levels, a 99-minute timer, and a child lock function. Its built-in design and sleek vitro ceramic glass surface make it a modern and practical addition to any kitchen.

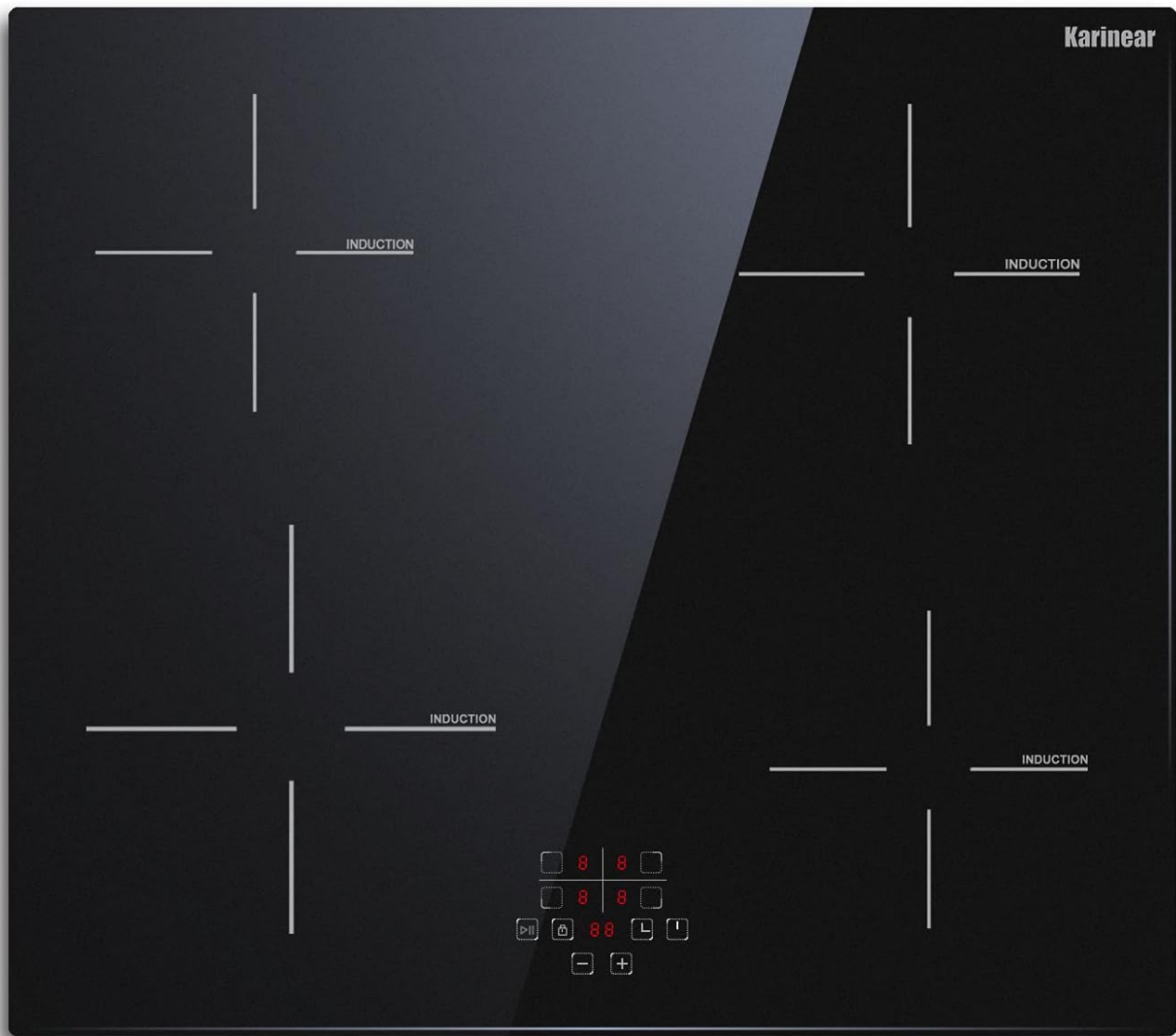


Figure 1.1: Karinear 24 Inch Induction Cooktop, showcasing its sleek black glass surface and touch controls.

## 2. SAFETY INSTRUCTIONS

- Ensure the cooktop is installed by a qualified electrician in accordance with local electrical codes.
- Only use magnetic flat-bottomed cookware suitable for induction cooktops.
- Do not touch the cooktop surface immediately after use, as residual heat may be present. The residual heat indicator will show 'H' when hot.
- Keep children away from the cooktop during operation and activate the child lock when not in use.
- Do not place metallic objects (knives, forks, spoons, lids) on the cooktop surface as they can become hot.
- Avoid placing flammable materials near the cooktop.
- In case of a crack in the ceramic glass, immediately switch off the appliance and disconnect it from the power supply.
- The appliance is for domestic use only.



Figure 2.1: Illustration of the cooktop's safety features, including overheating protection and residual heat indicator, designed to ensure user safety.

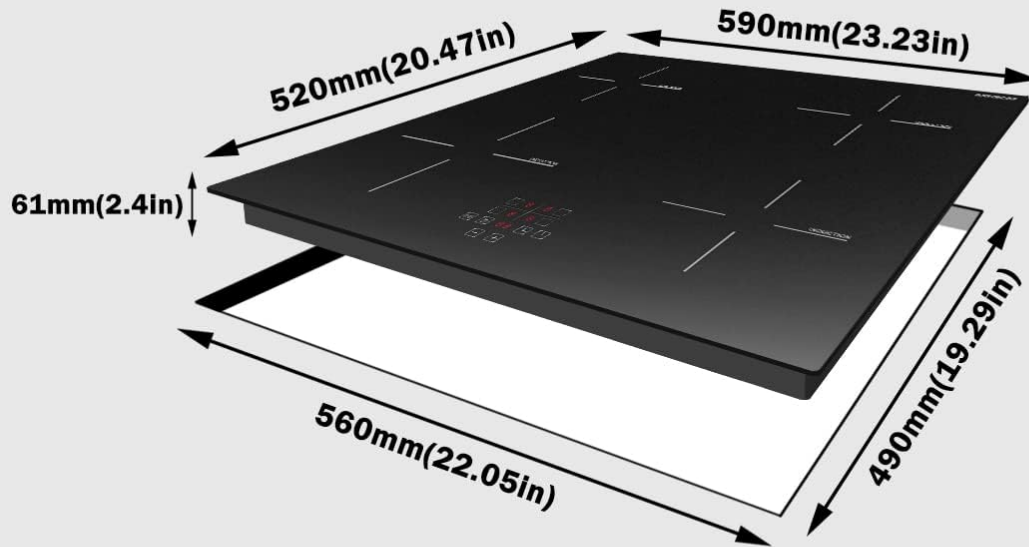
## 3. SETUP AND INSTALLATION

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### 3.1 Product Dimensions and Cutout

The Karinear 24 Inch Induction Cooktop has overall product dimensions of 20.47 x 23.23 x 2.4 inches (520mm x 590mm x 61mm). For built-in installation, ensure your countertop cutout measures approximately 22.05 inches (560mm) in width and 19.29 inches (490mm) in depth.

## 220-240V Built-in Design, Hard Wired, No Plug



### Wiring Diagram

## For 2-wire cable from home power supply

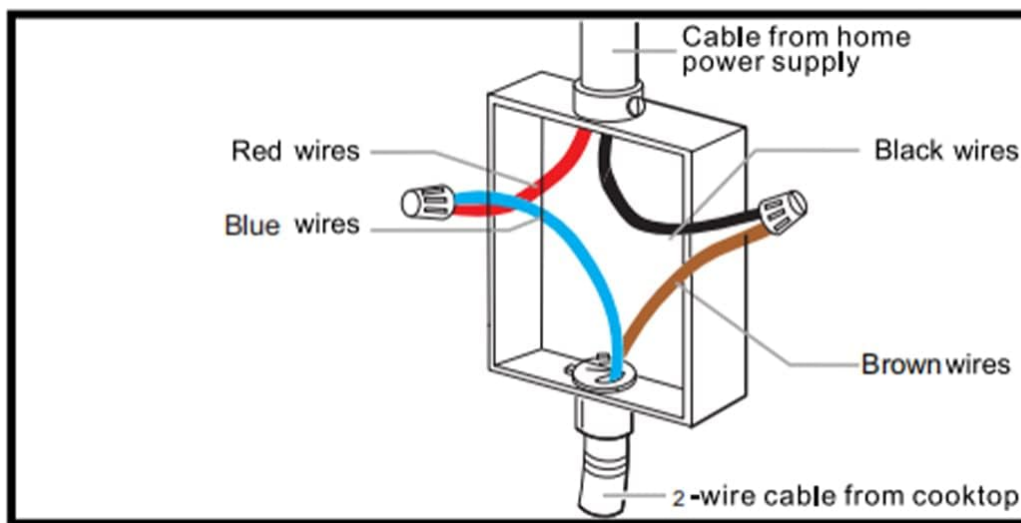


Figure 3.1: Detailed diagram showing the external dimensions of the cooktop and the required cutout dimensions for proper installation into a countertop.

### 3.2 Electrical Connection

This appliance requires a 220-240V, 6400W hard-wired electrical connection. It does not come with a plug and must be professionally installed. The bottom of the product is made of plastic and is insulated, therefore it does not require a separate ground wire.

Your browser does not support the video tag.

Video 3.1: An official product video demonstrating the physical aspects of the Karinear induction cooktop, including its dimensions, internal fan system, and a clear wiring diagram for 220-240V hard-wired installation. This video also highlights the cooktop's power distribution across its four burners (2x1400W, 2x1800W) and its compatibility with various cookware types.

Refer to the wiring diagram provided in the video and product images for correct connection. Always consult a certified electrician for installation to ensure safety and compliance with local regulations.

### 3.3 Cookware Compatibility

Induction cooktops require specific types of cookware. Only use pots and pans with a magnetic flat bottom. Compatible materials include cast iron, magnetic stainless steel, enameled cast iron, and nickel cookware. Cookware made of aluminum, ceramic, copper, glass, or those with a concave base are not compatible.

To test compatibility, place a magnet on the bottom of your cookware. If the magnet sticks firmly, the cookware is suitable for induction. The diameter of the pot's bottom should be larger than 14cm for optimal performance.



Figure 3.2: A visual guide illustrating compatible and incompatible cookware types for the induction cooktop. It emphasizes the requirement for magnetic, flat-bottomed pots and pans.

## 4. OPERATING INSTRUCTIONS

## 4.1 Controls Overview

The cooktop is controlled by digital sensor touch buttons located on the glass surface. These controls allow you to power on/off, select burners, adjust power levels, set the timer, and activate safety features.

## 4.2 Basic Operation

1. **Power On:** Touch the power button to turn on the cooktop.
2. **Place Cookware:** Ensure a compatible pot or pan is placed on the desired cooking zone *before* activating the burner. The cooktop will not operate without cookware.
3. **Select Burner:** Touch the corresponding burner selection button for the zone you wish to use.
4. **Adjust Power:** Use the '+' and '-' buttons to select one of the 9 power levels, suitable for various cooking needs such as boiling, stewing, frying, or stir-frying.
5. **Power Off:** Touch the power button again to turn off the cooktop, or touch the individual burner selection button to turn off a specific zone.

## 4.3 Timer Function

The cooktop features a 99-minute digital countdown timer. To set the timer:

1. Select the desired cooking zone.
2. Touch the timer button.
3. Use the '+' and '-' buttons to adjust the time. The cooktop will automatically shut down the selected burner when the countdown is complete.

## 4.4 Child Lock and Pause Function

- **Child Lock:** To activate, press and hold the child lock button for 3 seconds. All control buttons will be disabled, preventing accidental operation. This is ideal for households with children. To deactivate, press and hold the child lock button again for 3 seconds.
- **Pause Function:** The pause function allows you to temporarily stop cooking without losing your settings. Touch the pause button to activate. Touch it again to resume cooking with the previous settings.



# Child Safety Lock

## 99 Minutes Timer



Figure 4.1: Image highlighting the child safety lock and the 99-minute timer features, crucial for safe and convenient operation of the cooktop.

## 5. MAINTENANCE AND CLEANING

The black smooth vitro ceramic glass surface of the Karinear induction cooktop is designed for easy cleaning. Regular maintenance will ensure its longevity and appearance.

- **Daily Cleaning:** After each use, allow the cooktop to cool down. Wipe the surface with a soft cloth and mild detergent. For stubborn stains, a specialized ceramic cooktop cleaner can be used.
- **Scraper Use:** A scraper is provided with the cooktop for removing burnt-on food residues. Use it carefully at a shallow angle to avoid scratching the glass surface.
- **Avoid Abrasives:** Do not use abrasive sponges, scouring pads, or harsh chemical cleaners, as these can damage the glass surface.

- **Spills:** Wipe up spills immediately, especially sugary liquids, to prevent them from hardening and causing damage to the surface.

**Absolutely Safe**  
**Overheating Protection**  
**Residual Heat Indicator**  
**Auto switch off safety**



Figure 5.1: Demonstration of cleaning the smooth ceramic glass surface of the cooktop with a soft cloth, emphasizing its ease of maintenance. A scraper is also shown, indicating its inclusion for tougher residues.

## 6. TROUBLESHOOTING

If you encounter issues with your Karinear induction cooktop, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Cooktop does not turn on.	No power supply; Child lock activated.	Check circuit breaker. Deactivate child lock by pressing and holding the lock button for 3 seconds.
Burner not heating.	Incompatible cookware; No cookware on zone; Cookware too small.	Use magnetic, flat-bottomed cookware. Ensure cookware is centered on the zone and its base diameter is at least 14cm.
Display shows 'E' error.	General error; Internal malfunction.	Turn off the cooktop, wait a few minutes, then turn it back on. If the error persists, contact customer support.
Cooktop automatically shuts off.	Overheating protection activated; Timer expired.	Allow the cooktop to cool down. Check for proper ventilation. If the timer was set, this is normal operation.
Loud fan noise.	Normal operation; Fan cooling internal components.	This is normal during and after cooking as the internal fan works to cool the appliance.

## 7. SPECIFICATIONS

**Brand:** Karinear

**Model Number:** KNI-B46441

**Product Dimensions:** 20.47 x 23.23 x 2.4 inches (520mm x 590mm x 61mm)

**Item Weight:** 17.4 pounds

**Heating Elements:** 4

**Power Source:** AC

**Fuel Type:** Electric

**Voltage:** 220-240V

**Wattage:** 6400W (2x1400W, 2x1800W)

**Heater Surface Material:** Glass Ceramic

**Special Features:** Child Lock, 99-Minute Timer, Pause Function, Overheat Protection, Residual Heat Indicator

**Country of Origin:** China

**First Available:** June 8, 2021

## 8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your product at the time of purchase. Warranty terms and conditions may vary.

If you require technical assistance, have questions about installation, operation, or maintenance, or need to report a defect, please contact Karinear customer service. Contact details are typically found on the product packaging or the official Karinear website.

You can also visit the official Karinear store on Amazon for more information and support: [Karinear Amazon Store](#).

