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> Aigostar Portable Induction Cooktop User Manual

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Model: Portable Induction Cooktop

1. INTRODUCTION

Thank you for choosing the Aigostar Portable Induction Cooktop. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read this manual thoroughly before first use and keep it for future reference.

2. SAFETY INSTRUCTIONS

To prevent injury or damage, always observe basic safety precautions when using electrical appliances. This cooktop operates without an open flame, offering a safer cooking experience, but proper handling is still crucial.

- **Electrical Safety:** Ensure the power outlet voltage matches the cooktop's requirements (120V AC). Do not use with damaged cords or plugs.
- **Surface Heat:** Although induction heating primarily heats the cookware, the glass surface may become hot from residual heat. Avoid touching the surface immediately after cooking.
- **Cookware Compatibility:** Only use compatible cookware with a magnetic base. Incompatible cookware will not heat and may trigger an error.
- **Overheating Protection:** The cooktop is equipped with overheating protection. If the unit overheats, it will automatically shut off. Allow it to cool down before resuming use.
- **Child Safety Lock:** Utilize the child safety lock feature to prevent accidental operation, especially in households with children.
- **Ventilation:** Do not block the ventilation openings on the cooktop. Ensure adequate space around the unit for proper heat dissipation.
- **Cleaning:** Always unplug the cooktop and allow it to cool completely before cleaning. Do not immerse the unit in water or any other liquid.
- **Placement:** Place the cooktop on a stable, flat, heat-resistant surface away from heat sources, water, and flammable materials.

3. PRODUCT OVERVIEW

The Aigostar Portable Induction Cooktop is designed for versatile and efficient cooking. Its compact size makes it

ideal for various settings, including kitchens, dormitories, RVs, and outdoor travel.

3.1. Components



Image: Top view of the Aigostar Portable Induction Cooktop, showing the induction surface and control panel.

The cooktop features a durable black crystal glass panel and an intuitive LED touch screen display. Its dimensions are approximately 11.8 inches (D) x 11.8 inches (W) x 3 inches (H), making it highly portable.



Image: Diagram illustrating the compact dimensions of the cooktop: 11.8 inches wide, 11.8 inches long, and 3 inches high.

3.2. Control Panel



Image: Close-up of the cooktop's sensor touch screen control panel, highlighting the On/Off, Lock, Timer, Function, and +/- buttons.

The control panel is located on the front of the cooktop and includes the following touch-sensitive buttons:

- **On/Off:** Powers the unit on or off.
- **Lock:** Activates or deactivates the child safety lock.
- **Timer:** Sets the cooking timer.
- **Function:** Toggles between Power mode and Temperature mode.
- **+/-:** Adjusts power levels, temperature, or timer settings.



Image: Comparison of Power Mode and Temperature Mode displays. Power mode (1200W shown) is for rapid heating, while Temperature mode (300°F shown) is for precise heat control.

4. SETUP

Before using your Aigostar Portable Induction Cooktop, follow these simple setup steps:

1. **Unpack:** Carefully remove the cooktop and all packaging materials. Retain packaging for future storage or transport if needed.
2. **Placement:** Place the cooktop on a dry, stable, and level surface. Ensure there is at least 4 inches of clear space around all sides for proper ventilation.
3. **Power Connection:** Plug the power cord into a standard 120V AC electrical outlet. The unit will emit a beep and the display will show "OFF" or similar standby indicator.

5. OPERATING INSTRUCTIONS

Operating your induction cooktop is straightforward with its intuitive touch controls.

5.1. Turning On/Off

- To turn on, press the **On/Off** button. The display will show "ON" and then default to a power level (e.g., 1200W).
- To turn off, press the **On/Off** button again. The unit will power down.

5.2. Adjusting Power and Temperature

The cooktop offers 8 power levels (200W to 1500W) and 8 temperature levels (140°F to 460°F).

- After turning on, the cooktop defaults to Power mode. Use the **+/-** buttons to adjust the power level from 200W to 1500W. Higher power levels result in faster heating.
- To switch to Temperature mode, press the **Function** button. The display will show the current temperature.
- In Temperature mode, use the **+/-** buttons to adjust the temperature from 140°F to 460°F. This mode is ideal for precise cooking that requires consistent heat.



Image: Collage showing different cooking applications possible with the cooktop, such as stir-frying, boiling water, cooking soup, and deep frying.

5.3. Using the Timer

The cooktop features a 4-hour timer (1 to 240 minutes) for precise cooking control.

- While the cooktop is operating, press the **Timer** button. The display will show a default time.
- Use the +/- buttons to set the desired cooking time.
- Once the timer counts down to zero, the cooktop will automatically shut off.

5.4. Child Safety Lock

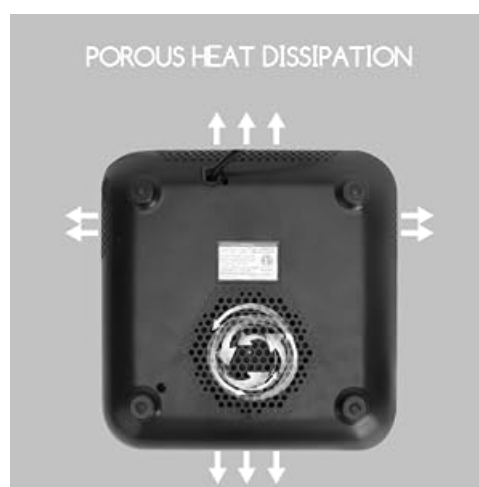


Image: Icon representing the child safety lock feature, indicating its presence on the cooktop.

- To activate the child safety lock, press and hold the **Lock** button for a few seconds until the lock indicator appears on the display. This prevents accidental changes to settings or turning the unit on/off.

- To deactivate, press and hold the **Lock** button again until the indicator disappears.

6. COMPATIBLE COOKWARE

The Aigostar Portable Induction Cooktop requires cookware with a magnetic base to function. The cooktop will automatically detect if compatible cookware is present and will not heat if it is not.



Image: Visual guide to cookware compatibility, showing that cast iron, enameled iron, and magnetic stainless steel cookware are compatible, while ceramic, glass, and copper are not. It also indicates the supported diameter range of 4.7 to 10.2 inches.

- **Compatible Materials:** Cast iron, enameled iron, and stainless steel with a magnetic base.
- **Cookware Size:** Suitable for cookware with a bottom diameter between 4.7 inches and 10.2 inches.
- **Test for Compatibility:** If you are unsure if your cookware is compatible, place a magnet on the bottom of the pot or pan. If the magnet sticks, the cookware is compatible with induction.
- **Auto-Shut-Off:** If no compatible cookware is detected on the cooking zone, the induction burner will automatically turn off after a short period.

7. CLEANING AND MAINTENANCE

Regular cleaning and proper maintenance will ensure the longevity and optimal performance of your Aigostar Portable Induction Cooktop.



Image: A hand wiping the black crystal glass panel of the cooktop with a cloth, demonstrating its easy cleanup.

1. **Unplug and Cool:** Always unplug the cooktop from the power outlet and allow it to cool down completely before cleaning. The black crystal glass panel cools quickly.
2. **Wipe Surface:** For general cleaning, wipe the glass surface with a soft, damp cloth. For stubborn stains, use a mild non-abrasive cleaner specifically designed for glass or ceramic cooktops.
3. **Remove Food Spills:** Clean up food spills immediately after the surface has cooled to prevent them from hardening and becoming more difficult to remove.
4. **Control Panel:** Wipe the control panel with a soft, dry cloth. Do not use excessive water or cleaning solutions on the control area.
5. **Ventilation Openings:** Periodically check and clean the ventilation openings to ensure they are free from dust and debris. Use a soft brush or vacuum cleaner if necessary.
6. **Storage:** When not in use, store the cooktop in a dry place, away from direct sunlight and extreme temperatures.



Image: Bottom view of the cooktop, illustrating the porous heat dissipation design for efficient cooling.

8. TROUBLESHOOTING

If you encounter issues with your Aigostar Portable Induction Cooktop, refer to the following table for common problems and their solutions.

8.1. Error Codes



Image: Table detailing common error codes (E0, E1, E2, E3, E4, E5, E6) and their corresponding causes and solutions.

Error Code	Description	Solution
E0	No cookware on the unit, or the cookware is incompatible.	When the error signals E0, E3, or E5 light up, please check to see if you are using suitable cookware. Switch on the appliance again after it has cooled down naturally.
E3	The top plate sensor is overheating or short-circuiting.	
E5	The IGBT is overheating or short-circuiting.	
E1	The low-voltage is under 88V.	If you see error codes E1, E2, E4, or E6, please contact the service center.
E2	The high-voltage is above 280V.	
E4	There is an open-circuit failure in the top plate sensor, or it isn't working.	
E6	The IGBT has an open-circuit failure or is not working.	

8.2. General Troubleshooting

- **Cooktop not turning on:** Ensure the power cord is securely plugged into a working outlet. Check if the On/Off button has been pressed.
- **Cookware not heating:** Verify that the cookware is compatible (magnetic base) and within the recommended size range (4.7-10.2 inches). Ensure the cookware is centered on the cooking zone.
- **Unit beeps continuously:** This may indicate incompatible cookware or no cookware detected. Place compatible cookware on the surface or remove the existing one.
- **Unusual noises:** A slight humming or buzzing sound during operation is normal for induction cooktops and is caused by the magnetic field.

9. SPECIFICATIONS

Detailed technical specifications for your Aigostar Portable Induction Cooktop:

Feature	Specification
Brand	Aigostar
Model	Portable Induction Cooktop
Color	Black
Material	Stainless Steel
Heating Elements	1
Product Dimensions (D x W x H)	11.8"D x 11.8"W x 3"H
Wattage	1500 watts
Controls Type	Push Button (Sensor Touch Screen)
Voltage	120 Volts (AC)
Burner Type	Induction
Item Weight	5.33 pounds
Power Levels	8 (200W - 1500W)
Temperature Range	8 levels (140°F - 460°F)
Timer	Up to 4 hours (240 minutes)
Included Components	Induction Cooktop & User Manual

10. WARRANTY AND SUPPORT

Aigostar products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Aigostar website.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Aigostar customer service. Contact details can typically be found on the product packaging, the official brand website, or the included user manual PDF.

You can also refer to the official Instructions for Use (IFU) PDF for additional details:[Aigostar Portable Induction Cooktop IFU \(PDF\)](#)

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