V2
FINAL
FOR PRINT

USER GUIDE

INSIGNIA™

4-Piece Induction Cooktop Set

NS-IC87BK6

Before using your new product, please read these instructions to prevent any damage.

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Insignia 4-Piece Induction Cooktop Set

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Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-IC87BK6 represents the state of the art in induction cooktop design and is designed for reliable and trouble-free performance.

IMPORTANT SAFEGUARDS

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your cooktop.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your cooktop.

When using electrical appliances, basic safety precautions should always be followed, including the following: READ ALL INSTRUCTIONS.

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1 The surface will retain heat from the cookware. Please do not touch the cooking area.

2 To protect against fire, electric shock and injury to persons do not immerse cord, plugs, or the cooktop in water or other liquid.

3 Close supervision is necessary when any appliance is used by or near children.

4 Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the cooktop.

5 Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or adjustment.

6 The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock or injury to persons.

7 This electrical appliance is not recommended for use outdoors.

8 Do not let the cord hang over the edge of a table or counter, or touch hot surfaces.

9 Do not place on or near a hot gas or electric burner, or in a heated oven.

10 To disconnect, turn any control to “off,” then remove the plug from the wall outlet.

11 Do not use the appliance for other than its intended use.

12 Do not attempt to modify or extend the power cord of this appliance.

13 Do not handle the plug with wet hands. This could result in an electric shock.

14 Unplug the power cord by holding the plug, never by pulling the cord.

15 This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.

16 Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.

17 Household Use Only.

18 Do not cook on a broken cooktop – If the cooktop should break, cleaning solutions and spills may penetrate the broken cook-top and create a risk of electric shock.

19 Be careful when you clean the cooktop – If a wet sponge or cloth is used to wipe spills on a hot cooking surface, be careful to avoid steam burn. Also, some cleaners can produce noxious fumes if applied to a hot surface.

20 Do not place metallic objects, such as knives, forks, spoons, and lids, on the cooktop, because they can get hot.

SAVE THESE INSTRUCTIONS

WARNING

Electric Shock Hazard

Failure to follow these instructions can result in electric shock, fire, or death.

Additional safety concerns

1 Never heat foods in sealed containers, such as compressed products, cans, or coffee pots, to avoid explosion caused by heat expansion.

2 Do not directly rinse this cooktop under water. Do not spill water or soup into the internal parts of the cooktop.

3 To avoid affecting product performance and to prevent injury, do not heat empty pots. When in use, do not leave the appliance without supervision for a long time. When leaving the appliance without supervision, make sure there is enough water in the pot.

4 To avoid accidents, do not use the cooktop on a gas stove (the magnetic lines can heat the metal parts of the gas stove).

5 Do not heat iron items on the cooktop to avoid danger caused by high temperatures.

6 The cookware provided for the cooktop can only be used for the cooktop. This cookware cannot be used on both the cooktop and a gas stove.

7 To avoid injuries such as scalding, do not let children operate the appliance alone. Children should be supervised to ensure that they do not play with the appliance.

8 To avoid danger, do not block or insert any foreign object into the air ventilation opening or air entry port.

9 To avoid danger, do not place paper, aluminium foil, cloth, or other unsuitable articles onto the cooktop heating plate for indirect heating.

10 When using the cooktop, do not put it on any metal platform (such as iron, stainless steel, or aluminium), or place a non-metal pad less than 4.7 in. (12 cm) thick on the heating plate.

11 Unplug the power cord from the outlet after use to avoid fire and/or damaging the electronic components, caused by prolonged electrical connection.

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12 **Warning**: People with heart pacemakers should consult a doctor. Only use the appliance after confirming that it does not affect the pacemaker.

13 To avoid damage, avoid causing impacts on the heating plate. If damaged, please stop using it and take it to a maintenance and repair site to have it replaced.

14 When using the cooktop, place it horizontally and allow at least 4.7 in. (12 cm) of free space between the sides and back of the cooktop and the wall. Do not use the cooktop in narrow spaces. To avoid overheating, do not cover the ventilation opening.

15 To avoid danger, if the power cord is damaged, have it replaced by agents of the manufacturer, its maintenance department or specialized personnel from a similar department.

16 Use a dedicated and high quality power outlet with a high power rating, equal to or above 15A. Do not use poor quality outlets. Do not share the power outlet with electrical appliances with high power ratings such as air conditioners or electrical stoves, to avoid fires caused by overheating the outlet.

17 This cooktop should be kept clean during and after use. Protect the cooktop from bugs, dust, and humidity. Avoid letting anything fall into the interior of the cooktop, which could result in a short circuit of the electrical components. When not in use for a long period, clean it and put it into a plastic bag to store it.

18 Do not touch the cooktop surface with sharp tools, to avoid cracking or damaging the surface. If the cooktop surface is cracked, turn off the appliance to avoid electrical shock.

19 Do not use the cooktop on a carpet, tablecloth, or thin paper, to avoid blocking the air inlet opening or air outlet opening, which could result in overheating.

20 Do not use the cooktop near a gas stove, kerosene stove, gas cooker, or in any space with an open fire or an environment with high temperatures.

21 Do not overload the cooktop. Overloading the cooktop may damage the plastic cover and cooktop surface.

22 Always clean the cooktop to prevent dirt from getting into the fan, which could influence the normal operation of the appliance.

23 When operating the appliance or after moving the cookware, the cooking area remains hot for a period of time. Do not touch it and be careful of scalding caused by the high temperature.

24 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 the use if the appliance by a person responsible for their safety.

25 This appliance is intended to be used in household and similar applications.

26 Never use the cooktop without food in the cookware, as its performance may be affected and a safety hazard may result.

27 **Warning**: We suggest that you periodically check to make sure that there are no objects (glass, paper, or similar items) that could obstruct the inlet under your cooktop.

28 **Warning**: Keep electrical appliances out of reach from children or persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge. Do not let them use the appliance without supervision.

29 **Warning**: Do not operate this appliance by means of an external timer or separate remote-control system.

Features

- Glass cooktop evenly distributes heat
- Ten power levels and three-hour timer for versatile use
- Touch controls for easy operation
- Automatic shut-off and temperature protection provide added safety

Package contents

- Induction cooktop
- 2-quart sauce pan with lid
- 8-inch fry pan
- Magnet (use to make sure that your cookware is induction-ready)
- *User Guide*

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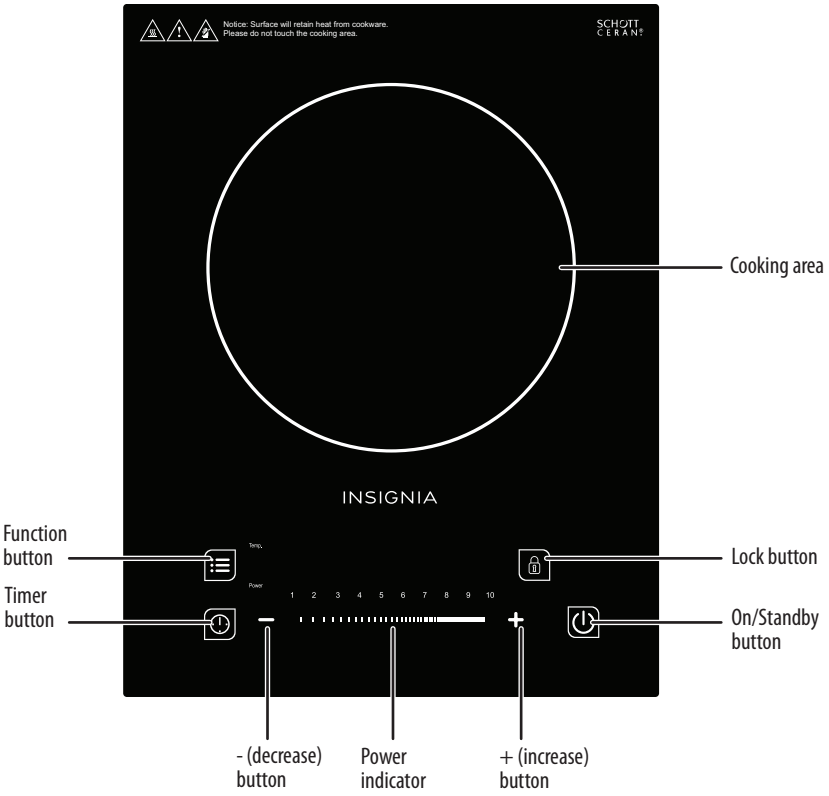
Main features



Using your cooktop

Notes

- **Before using your cooktop for the first time**–Remove any packing materials and protective film from your cooktop.
- The controls respond to touch. You don't need to apply any pressure.
- Use the ball of your finger, not the tip.
- A beep sounds each time a touch is registered.
- Make sure that the controls are clean, dry, and that there is no object, such as a utensil or a cloth, covering them.
- Even a thin film of water may make the controls difficult to operate.

1 Place your cooktop on a flat, heat resistant surface, as close as possible to a wall outlet.

2 Connect the power cord to a wall outlet. The LED indicator on the front of the cooktop blinks “L” or “H” and a beep sounds, indicating that your cooktop is in standby mode.

Caution

Do not touch the surface of the ceramic while "H" is displayed. It means the temperature is high (when "L" is displayed, it means the temperature is low).

3 When you are ready to use your cooktop, place the appropriate cookware (see “Compatible cookware” on page 11) on the ceramic cooking surface, then press the ⏻ (on/standby) button to turn it on.

Note

Make sure that the air vents are not blocked and that you keep cooking utensils away from the cooking surface.

4 Press the ☰ (function) button to select the cooking power and temperature you want (see “Understanding the cooktop functions” below).

Notes

- If you don’t press any function button within one minute, your cooktop returns to standby mode.
- If you press a function button with no cookware on the ceramic cooking surface, the cooktop does not heat and an alarm sounds indicating that cookware is required on the cooking surface. If you don’t put any cookware on the ceramic cooking surface for 10 seconds, your cooktop returns to standby mode automatically.
- If the cookware is removed, the cooktop stops heating immediately, then the buzzer sounds for 10 seconds and the cooktop goes into standby mode automatically.

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5 Press the (timer) button to select the cooking time you want (see "Setting the cooking time" below). When the selected cooking time is complete, the cooktop stops heating and turns off.

You can also turn off the cooktop manually by pressing the (on/standby) button.

Understanding the cooktop functions

The power and temperature modes work independently of each other. Use the temperature mode to set a specific temperature for cooking. If a specific temperature is not needed, use the power mode. For example, to boil water, use a high power setting. To fry or brown food, use the temperature mode do your food does not burn.

Setting the cooking power

1 Press the (function) button, then select **Power** mode. The buzzer sounds, the ON/STANDBY and POWER indicators on the front of the cooktop light up.

2 Press the **+** (increase) or **–** (decrease) button to raise or lower the power setting.

Power Level	Watts	Cooking Level
1	120	Simmer-keep warm
2	300	Simmer-keep warm
3	400	Low
4	600	Low
5	800	Medium-Low
6	900	Medium-Low
7	1000	Medium-High
8	1100	Medium-High
9	1200	High
10	1300	High

Setting the cooking temperature

1 Press the (function) button, then select **Temp** mode. The buzzer sounds, the ON/STANDBY and TEMP indicators on the front of the cooktop light up.

2 Press the **+** (increase) or **–** (decrease) button to raise or lower the temperature. When the cooktop has reached the selected temperature, it automatically maintains that temperature.

Temp Level	Temperature
1	140° F (60° C)
2	176° F (80° C)
3	212° F (100° C)
4	248° F (120° C)
5	284° F (140° C)
6	320° F (160° C)
7	356° F (180° C)
8	374° F (190° C)
9	392° F (200° C)
10	428° F (220° C)

Setting the cooking time

1 Press the (timer) button to enter **Timer** mode. The TIMER indicator on the front of the cooktop lights up and the numbers blink on the display.

2 Press the **+** (increase) or **–** (decrease) button to set the cooking time from 0 to three hours. Each level increases the cooking time by one minute. Press and hold the + (increase) or – (decrease) button to increase or decrease cooking time by 10 minutes.

When you are finished adjusting the settings, the display blinks for several seconds, then the cooktop starts counting down.

When the countdown is complete, the cooktop automatically stops heating and switches off.

Locking and unlocking your cooktop

You can lock your cooktop to prevent unsupervised use.

1 Press the (lock) button. The LOCK indicator on the front of the cooktop lights and only the (on/standby) button can be used to switch off the cooktop.

2 Press and hold the (lock) button for several seconds to unlock your cooktop. The LOCK indicator turns off.

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Compatible cookware

Your cooktop will not operate without the correct cookware. In general, if a magnet sticks to the bottom of the cookware, it will work on your cooktop.

Use this	Don't use this
Cast iron, iron, steel/stainless steel, enameled iron	Glass, ceramic, aluminum, copper, and other non-magnetic material.
Cookware between 4.7 in. (12 cm) and 7.9 in. (20 cm) in diameter	Cookware smaller than 4.7 in. (12 cm) and bigger than 7.9 in. (20 cm) in diameter.
Cookware with a flat bottom.	Cookware with a rounded or rippled bottom.

After the first use, some white spots may appear at the bottom inside the cookware. This is normal. To remove the spots, pour some vinegar into the cookware and heat it to between 140° and 176° F (60° and 80° C), then wipe the spots away with a brush.

Cleaning and maintaining your cooktop

- Always unplug the power cord and allow the cooktop to cool down completely before cleaning.
- Never immerse the cooktop or power cord in water, or allow moisture to contact these parts.
- After using the cooktop for a long time, the opening of air inlet/air outlet can accumulate dust or other debris. Wipe it with a soft dry cloth. Dust in the air inlet and outlet can also be cleaned by using a soft brush or a mini-vacuum cleaner. Do not rinse with water.
- For oil spots on the cooktop plate, wipe with a soft, moist cloth with a little toothpaste or mild detergent until no stain remains.
- When not using your cooktop for a long time, disconnect the power plug from the wall outlet and protect it from dust or debris.

Troubleshooting

Caution

Do not try to repair your cooktop yourself. Doing so invalidates the warranty.

Problem	Possible solution
After plugging in the power cord and pressing the "ON/STANDBY" button, the indicator and display do not light up.	• Make sure that the power plug is properly connected. • Make sure that the switch, power outlet, fuse, or power cord are not damaged.
The "ON/STANDBY" indicator lights and the display works normally, but the cooktop does not heat.	• Make sure that you are using the correct cookware. See "Compatible cookware" on page 11. • If the problem persists, please contact our customer service department.
Your cooktop suddenly stops heating.	• Make sure that the temperature of the cooking oil is not too high when frying foods. • Make sure that the air inlet or air outlet of the cooktop is not blocked. • Make sure that the default heating time of the cooktop has not expired. • The built-in safeguards of the cooktop may have turned it off. Wait for several minutes, then connect the power and try cooking again.
Failure codes	E3 or E6 – Wait a moment and press the ⏻ (on/standby) button when the temperature of the cooktop becomes normal. The cooktop will operate as usual.
	E7 or E8 – Turn off the cooktop, then turn it back on when the voltage becomes normal. Your cooktop should operate normally.
	E1, E2, E4, E5, or Eb – Please contact our customer service department.

Specifications

Dimensions (WxDxH)	14.8 x 11.4 x 2.4 in. (375 x 290 x 62 mm)
Weight	6.39 lbs. (2.9 kg)
Power	1300 Watts

Legal notices

FCC statement

Changes or modifications not expressly approved by the party responsible for compliance could void the use's authority to operate the equipment.

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FCC Caution

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45-30 MHz.

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ONE-YEAR LIMITED WARRANTY - INSIGNIA

Definitions:

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States from a Best Buy branded retail store or online at www.bestbuy.com and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location, please take your original receipt and the Product to any Best Buy store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy online web site (www.bestbuy.com), mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain warranty service, in the United States call 1-888-BESTBUY. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States at Best Buy branded retail stores or websites to the original purchaser of the product in the county where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence

- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

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