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> [RCA RC-12A5 4-Burner Induction Cooktop Instruction Manual](#)

RCA RC-12A5

RCA RC-12A5 4-Burner Induction Cooktop Instruction Manual

Model: RC-12A5 | Brand: RCA

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before using the appliance. Keep this manual for future reference.

- **Electrical Safety:** Ensure the cooktop is connected to a properly grounded 120 Volt, 3600 Watt three-phase electrical supply. Do not use extension cords.
- **Child Safety:** The cooktop features a safety lock button to prevent accidental activation, especially important in households with children. Always activate the lock when not in use.
- **Heat and Burns:** Although induction cooktops do not generate heat directly, residual heat may remain on the glass surface after cooking. Avoid touching the cooktop surface immediately after use.
- **Ventilation:** Ensure proper ventilation around the built-in unit to prevent overheating. Do not block air vents.
- **Compatible Cookware:** Use only cookware made of magnetic materials such as iron, steel, or enameled steel (peltre). Non-magnetic materials will not work.
- **Overheating Protection:** The cooktop is equipped with an automatic overheating protection system. If the cooktop becomes too hot, it will automatically shut off.

2. PRODUCT OVERVIEW

The RCA RC-12A5 is a modern 4-burner induction cooktop designed for efficiency and safety. It features a sleek black glass surface and intuitive touch controls.

Key Features:

- **4 Induction Burners:** Allows simultaneous cooking of multiple dishes.
- **9 Power Levels:** Provides precise heat control for various cooking needs.
- **Boost Function:** Temporarily increases power for rapid heating, ideal for boiling water quickly.
- **Adjustable Timer:** Set cooking times for precise results.

- **Safety Lock:** Prevents unintended operation.
- **Touch Controls:** Easy and precise control over all functions.
- **Built-in Design:** Seamless integration into modern kitchen countertops.

Parts Description:



Figure 2.1: Main components of the RCA RC-12A5 Induction Cooktop.

1. **Induction Zones:** Four cooking areas that heat compatible cookware.
2. **Multifunction Panel:** Touch-sensitive area for controlling power levels, timer, and other functions.
3. **ON/OFF Button:** Activates or deactivates the cooktop.
4. **Ventilation:** Located on the sides and bottom to dissipate heat.

3. INSTALLATION AND SETUP

The RCA RC-12A5 is designed for built-in installation. Professional installation is recommended to ensure

proper electrical connection and ventilation.

Dimensions for Installation:



Figure 3.1: Product and cutout dimensions for built-in installation.

- **Overall Dimensions:** 63 cm (Length) x 40 cm (Width) x 10 cm (Height).
- **Cutout Dimensions:** 55 cm (Length) x 48 cm (Width) x 8 cm (Height).
- **Induction Zone Diameters:** 17.5 cm and 20 cm.
- **Maximum Weight per Zone:** 5 kg.

Electrical Connection:

100% ELÉCTRICA

PARRILLA DE INDUCCIÓN EMPOTRABLE



**100%
ELÉCTRICA**

Longitud del cable: 107 cm

Conexión trifásica



Tierra



Línea



Neutro



Figure 3.2: Three-phase electrical connection details.

- The cooktop requires a 120 Volt, 3600 Watt electrical supply.
- It uses a three-phase connection: Ground (green), Line (white), and Neutral (black).
- Ensure the wiring is correctly installed by a qualified electrician.

4. OPERATING INSTRUCTIONS

The cooktop features intuitive touch controls for easy operation.

Control Panel:

PANEL DIGITAL

Cuenta con botones táctiles para seleccionar y ajustar las diferentes funciones de cocción con precisión.

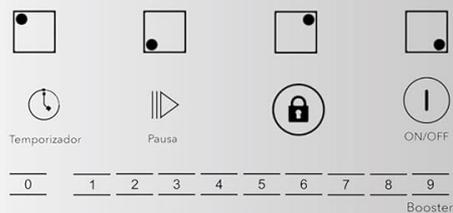


Figure 4.1: Digital control panel layout.

- **ON/OFF Button:** Press to turn the cooktop on or off.
- **Power Level Selection:** Use the '+' and '-' buttons or slide control to select from 9 power levels (0-9).
- **Boost Function:** Activates maximum power for rapid heating. Press the 'Boost' button for the desired burner.
- **Timer Button:** Press to set a cooking duration. Use '+' and '-' to adjust the time.
- **Lock Button:** Press and hold to activate/deactivate the child safety lock. This prevents accidental changes to settings.

Compatible Cookware:

Induction cooktops require specific cookware. Use the magnet test to check compatibility.

MATERIALES COMPATIBLES | PARRILLA DE INDUCCIÓN EMPOTRABLE



Figure 4.2: Compatible cookware materials.

- **Compatible Materials:** Iron, Steel, Enameled Steel (Peltre).
- **Magnet Test:** If a magnet sticks firmly to the bottom of your cookware, it is suitable for induction.
- **Incompatible Materials:** Aluminum, copper, glass, ceramic, and non-magnetic stainless steel will not work.

Cooking without Flame:



Figure 4.3: Induction cooking in progress, demonstrating flameless operation.

The induction system heats the cookware directly, not the cooktop surface, resulting in faster cooking and no open flame. This design helps prevent accidents and burns, and includes overheating protection.

5. MAINTENANCE AND CLEANING

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

- **Daily Cleaning:** After each use, allow the cooktop to cool completely. Wipe the glass surface with a damp cloth and mild detergent. Dry thoroughly with a soft cloth.
- **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 sponges, scouring pads, or harsh chemical cleaners, as these can scratch or damage the glass surface.
- **Ventilation Grills:** Periodically check and clean the ventilation grills to ensure proper airflow. Use a soft

brush or vacuum cleaner to remove dust and debris.

6. TROUBLESHOOTING

If you encounter issues with your cooktop, refer to the following common problems and solutions before contacting support.

| Problem | Possible Cause | Solution |
|--------------------------------------|--|---|
| Cooktop does not turn on. | No power supply; safety lock activated. | Check power connection; deactivate safety lock by pressing and holding the lock button. |
| Burner not heating. | Incompatible cookware; cookware not centered; no cookware present. | Use magnetic cookware; center cookware on the induction zone; place cookware on the zone. |
| Display shows "E0" or similar error. | Incompatible cookware or no cookware detected. | Ensure compatible cookware is placed on the burner. |
| Cooktop shuts off during use. | Overheating protection activated. | Allow the cooktop to cool down. Ensure ventilation is not blocked. |
| Unusual noise during operation. | Normal fan operation; cookware vibration. | Some noise from the cooling fan is normal. Check if cookware is stable. |

7. SPECIFICATIONS

- **Model Number:** RC-12A5
- **Brand:** RCA
- **Color:** Black
- **Dimensions (Product):** 63 x 10 x 40 cm
- **Weight (Product):** 5 kg
- **Power:** 3600 watts
- **Voltage:** 120 Volts
- **Material:** Tempered Glass (Surface)
- **Heating Elements:** 4 Induction Burners
- **Special Features:** Built-in, Programmable (Timer), Safety Lock, Boost Function, Touch Controls
- **Fuel Type:** Electric

COMPRA CON CONFIANZA

- **1 AÑO DE GARANTÍA**
en caso de defecto de fábrica o daño durante el envío.
- **PARA FACTURACIÓN**
manda tus datos por mensaje a través de tu pedido.



Figure 8.1: Warranty and invoicing details.

- **Warranty:** This product comes with a 1-year warranty covering factory defects or damage incurred during shipping.
- **Invoicing:** For invoicing purposes, please send your details via message through your order platform.
- **Customer Support:** For further assistance, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official RCA website.

9. EDUCATIONAL VIDEO: COMPATIBLE COOKWARE FOR INDUCTION

This video provides a general overview of compatible materials for induction cooktops, which is essential for proper operation of your RCA RC-12A5.

Your browser does not support the video tag.

Video: Compatible materials for your induction cooktop (Source: Supra Electrodomésticos).

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