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## TECASA MT-C510065

# TECASA 36-Inch Induction Cooktop MT-C510065 User Manual

Model: MT-C510065

## INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your new TECASA 36-inch induction cooktop. Please read this manual thoroughly before installation and operation, and keep it for future reference.



Image: The TECASA 36-inch induction cooktop in use, showcasing its multiple cooking zones with different types of cookware and food.

## IMPORTANT SAFETY INFORMATION

Your safety and the safety of others are paramount. Please read all instructions before operating the appliance to reduce the risk of fire, electric shock, injury to persons, or damage to the cooktop.

- **Electrical Connection:** This unit is designed for hardwiring. Ensure the operating voltage (208–240V, 50–60Hz) and fuse protection ( $\geq 50A$ ) are suitable for your electrical system. Disconnect power before any work or maintenance.
- **Cookware Compatibility:** Only use magnetic cookware suitable for induction cooking. The cooktop features automatic cookware recognition.
- **Overheat Protection:** The cooktop is equipped with overheat protection to prevent damage.
- **Child Safety Lock:** Utilize the child lock feature to prevent accidental activation by children or pets.
- **Residual Heat Indicator:** The cooktop will display a residual heat indicator (H) after use, warning that the surface is still hot. Avoid contact to prevent burns.
- **Spill Detection:** The cooktop includes spill detection to enhance safety.
- **Automatic Shut-off:** For safety, the cooktop will automatically shut off under certain conditions.

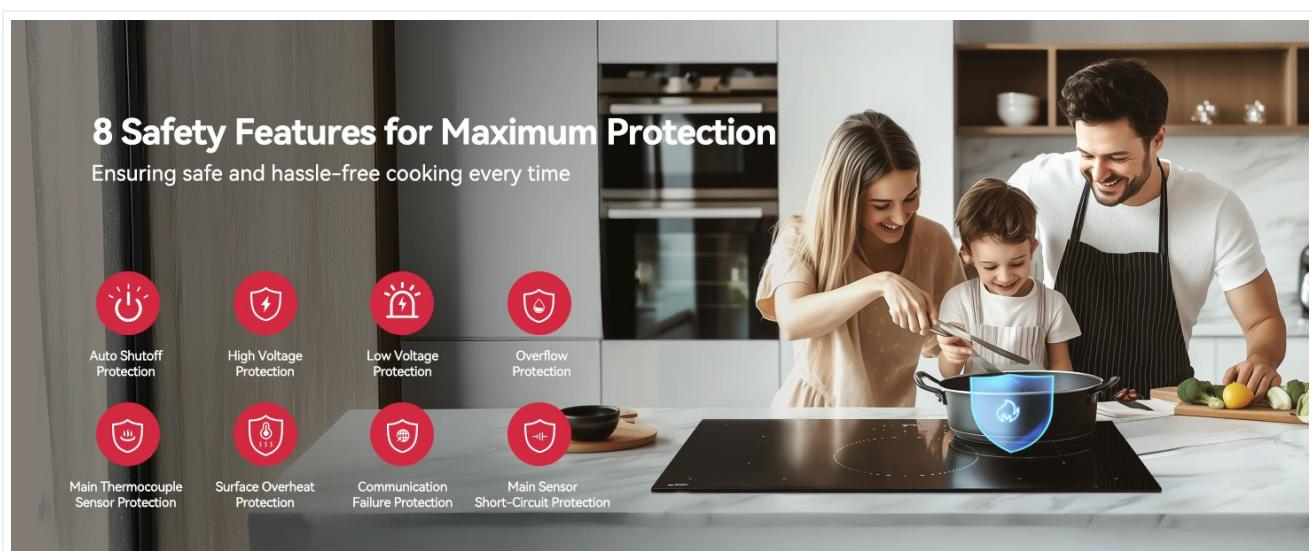


Image: The TECASA induction cooktop incorporates multiple safety features, including automatic shut-off, voltage protection, overflow protection, and sensor protection, to ensure safe operation.

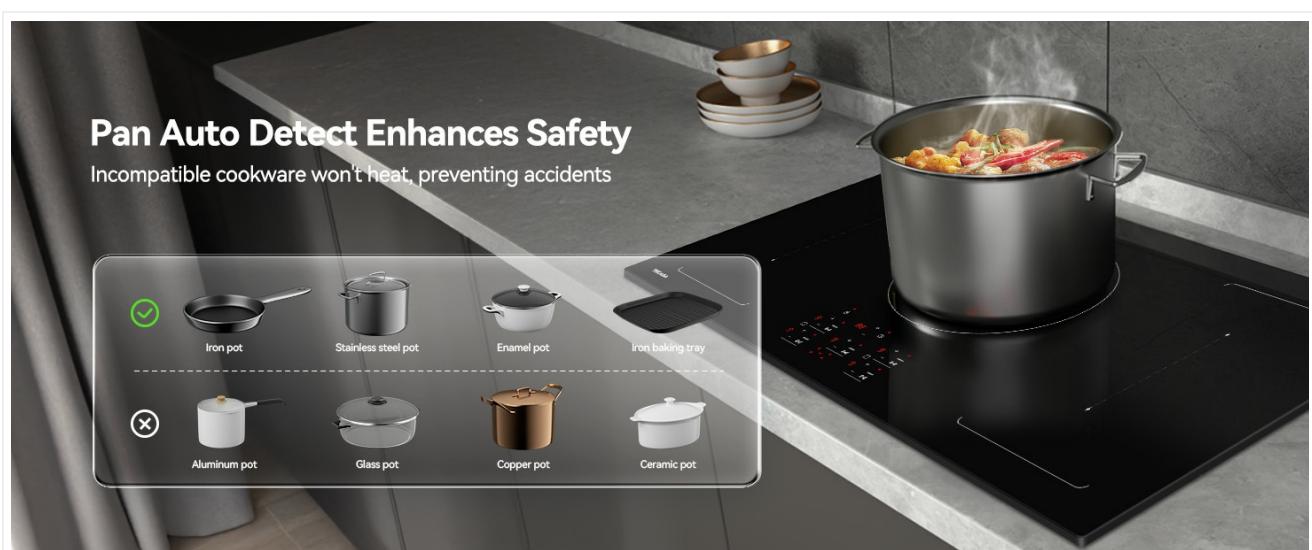


Image: The cooktop's automatic pan detection system ensures that only compatible magnetic cookware will heat, preventing energy waste and potential hazards from unsuitable pots and pans.

## UNPACKING YOUR COOKTOP

Carefully unpack your TECASA induction cooktop. Ensure all accessories are present and inspect the unit for any damage before installation.

- Cut the sealing tape on the box.
- Remove the support corners and protective foam.
- Carefully lift the cooktop out of the box.
- Remove all product accessories, including the instruction manual, warranty policy, mounting brackets, and sealing tape.

Your browser does not support the video tag.

Video: This video demonstrates the unpacking process for the TECASA induction cooktop, showing how to safely remove the unit and its accessories from the packaging.

## SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your induction cooktop. It is recommended that installation be performed by a qualified electrician or technician.

### Required Installation Space and Dimensions:

Ensure adequate ventilation and clearance around the cooktop. Refer to the diagram below for precise cutout and clearance dimensions.

- **Product Dimensions:** 35.43" W x 20.47" D x 2.95" H
- **Cutout Dimensions:** 33.87" W x 19.69" D
- Minimum 30" clearance above the cooktop to overhead cabinets/hood.
- Minimum 2" clearance on sides and rear.

# Elegance Design for Every Kitchen

Built-in installation for a clean, modern look



Model	MT-C510065	Wire Gauge	4 AWG
Supply Voltage	208-240 VAC, 50 Hz/60 Hz	Fuse Protection	≥50 A

Image: This image provides a detailed diagram of the cooktop's physical dimensions and the necessary countertop cutout measurements for proper built-in installation.

## Mounting the Cooktop:

After preparing the cutout, install the mounting brackets to secure the cooktop in place. Align the cooktop carefully into the opening.

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Video: This video segment illustrates the process of installing the mounting brackets and carefully positioning the cooktop into the prepared countertop opening.

## Electrical Connection:

**WARNING: Disconnect the appliance from the mains electricity supply before carrying out any work or maintenance on it.**

The cooktop requires a 208-240 VAC, 50/60 Hz power supply and a 4 AWG wire gauge with ≥50 A fuse protection. Connect the L1 (Black), L2 (Red), and Ground (Green) wires according to the wiring diagram and local electrical codes.

Your browser does not support the video tag.

Video: This video demonstrates the correct procedure for connecting the cooktop's electrical wiring to the main power supply, including L1 (black), L2 (red), and ground (green) wires, and securing the connections.

## OPERATING INSTRUCTIONS

Your TECASA induction cooktop offers precise control and efficient cooking. Familiarize yourself with the touch controls for optimal performance.

### Basic Operation:

- **Power On/Off:** Press the main power button to turn the cooktop on or off.
- **Cooking Zone On/Off:** Press the ON/OFF button for the desired cooking zone to activate or deactivate it.
- **Heating Level Adjustment:** Use the '+' and '-' buttons to select one of the 9 power levels for each zone.
- **Boost Function:** Activate the boost function for rapid heating. This provides up to 3700W of power for 5 minutes. Press the desired zone's key until 'b' appears.
- **Timer:** Press the timer button to set a countdown timer up to 99 minutes.
- **Child Lock:** Press the lock button to prevent accidental changes to settings or activation of cooking zones.



Image: This image details the intuitive touch controls of the cooktop, including power level adjustments, timer, child lock, and boost function.

### Flexible Cooking Zones (Bridge Function):

The cooktop features flexible cooking zones that can be combined for larger cookware.

- **Bridge Function:** Press the bridge function button to sync the front and rear heating zones into one large zone, ideal for griddles or large roasting pans.

# Easy Cooking with 2 Flexible Zones

From stews to grills, cook everything you love



Image: The flexible cooking zones allow for both independent use with standard pots and pans, or combined use with larger cookware like griddles, enhancing cooking versatility.

## Efficient Cooking:

The TECASA induction cooktop provides 10800W total power across 5 burners, ensuring fast and efficient cooking with 90% heating efficiency.

# 10800W for Superior Cooking Power

Adjust 9 power levels and cook 5 dishes simultaneously



Image: This image illustrates the power output of each of the five induction burners, demonstrating the cooktop's capacity for various cooking tasks simultaneously.

# 90% Induction Heating Efficiency

Boil 1L of water with precise heat transfer rapidly



Gas Cooktop 12,636 BTU

50% Heating Efficiency

TECASA 3700W Boost

90% Heating Efficiency

Image: This graphic highlights the superior heating efficiency of the induction cooktop, demonstrating faster boiling times compared to traditional gas cooktops.



Image: The boost function provides an instant surge of power for quick heating, significantly reducing cooking time for tasks like boiling water or searing.

## MAINTENANCE AND CLEANING

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

- **Surface Cleaning:** The microcrystal panel is scratch-resistant and easy to clean. Wipe the surface with a damp cloth after each use. Avoid abrasive cleaners or harsh chemicals.
- **Durability:** The cooktop's crystal glass surface can withstand temperatures up to 1472°F and has a hardness of 8.5GPa for excellent scratch resistance.



Image: The smooth, scratch-resistant glass surface of the cooktop makes daily cleaning effortless, requiring only a simple wipe with a damp cloth.



Image: The cooktop's durable crystal glass surface is engineered with multiple layers for enhanced scratch resistance, temperature endurance, and overall longevity.

## TROUBLESHOOTING

If you encounter any issues with your cooktop, please refer to the following common troubleshooting tips. For more complex problems, contact customer support.

- **Cooktop not turning on:** Check the circuit breaker to ensure power is supplied. Verify the cooktop is properly hardwired.
- **No heat from a cooking zone:** Ensure compatible magnetic cookware is placed centrally on the zone. Check if the child lock is activated.
- **Error codes:** Refer to the full instruction manual for a list of error codes and their solutions.

## SPECIFICATIONS

Feature	Detail
Brand	TECASA
Model Number	MT-C510065
Installation Type	Drop-In
Product Dimensions	20.47" D x 35.43" W x 2.95" H
Cutout Dimensions	33.87" W x 19.69" D
Item Weight	43 pounds
Heating Elements	5
Burner Type	Induction
Total Wattage	10800 watts
Voltage	208–240 Volts (Rated 240V)
Frequency	50–60 Hz
Fuse Protection	≥50 A
Wire Gauge	4 AWG
Material Type	Crystal Glass
Special Features	Adjustable Temperature, Automatic Pan Detection, Automatic Shut-Off, Boost Function, Residual Heat Indicator, Hot Surface Indicator, Safety Lock, Timer

Feature	Detail
Included Components	1 x Induction Cooktop 5 Burners 36 Inch

## WARRANTY AND CUSTOMER SUPPORT

Your TECASA induction cooktop comes with a 1-year warranty. For technical support, customer service, or any questions regarding your product, please contact TECASA customer support. We are committed to providing reliable service and assistance.