

Citizen CA4540-54A

Citizen Eco-Drive Carson Chronograph Watch Instruction Manual (Model CA4540-54A)

This manual provides instructions for the setup, operation, and maintenance of your Citizen Eco-Drive Carson Chronograph Watch.

1. PRODUCT OVERVIEW

The Citizen Eco-Drive Carson Chronograph Watch (Model CA4540-54A) is a sophisticated timepiece featuring Eco-Drive technology, a chronograph function, and a durable stainless-steel construction. It is designed for reliable timekeeping and includes several advanced features such as a date display, 12/24-hour time, and a tachymeter.

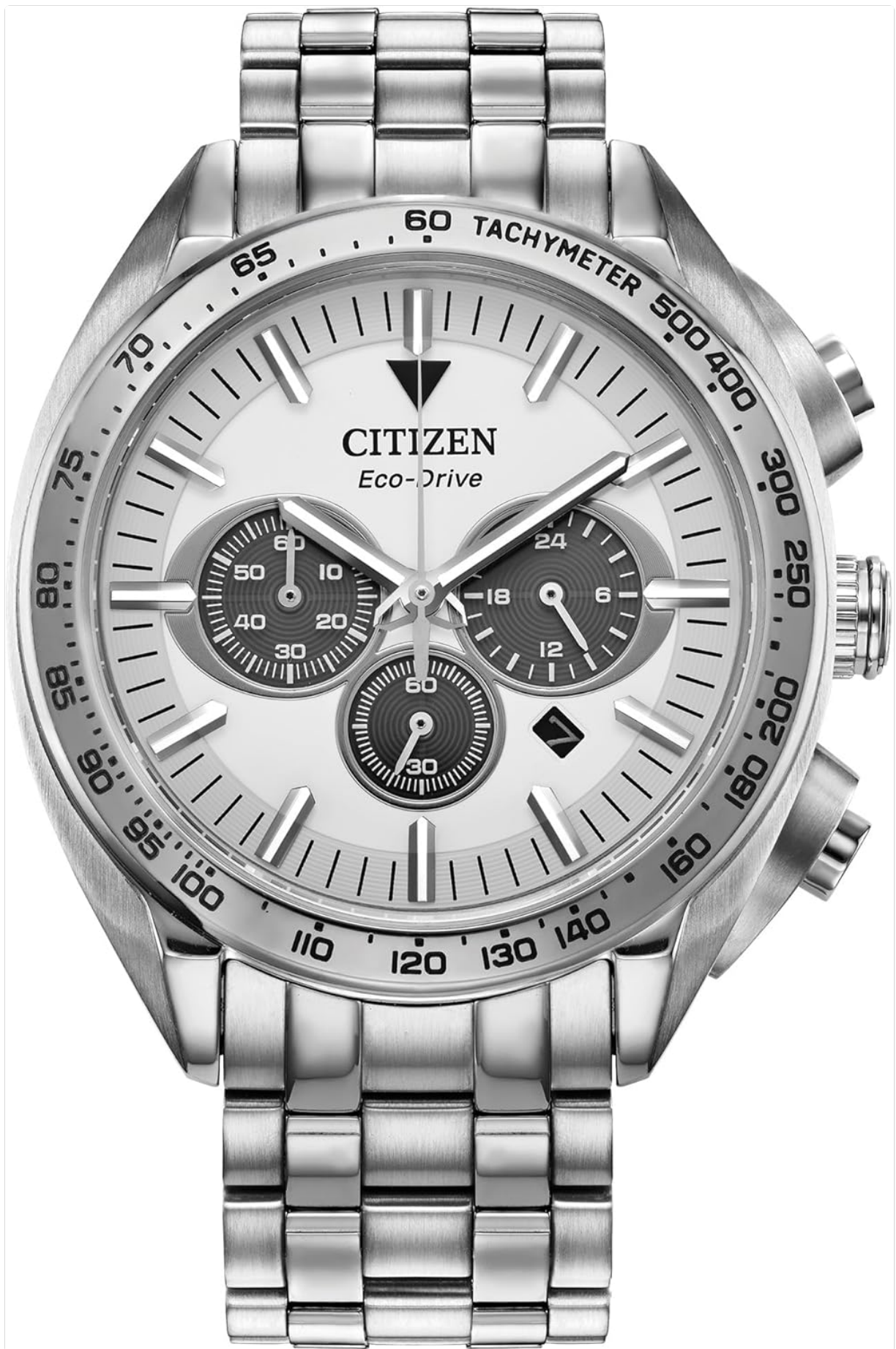


Image 1.1: Front view of the Citizen Eco-Drive Carson Chronograph Watch, Model CA4540-54A. The watch features a silver-tone dial with three sub-dials, luminous hands, and hour markers. The bezel includes a tachymeter scale.



Image 1.2: Side view of the Citizen Eco-Drive Carson Chronograph Watch, showing the crown and two push-buttons for chronograph operation. The stainless-steel bracelet is also visible.

2. SETUP AND INITIAL CHARGING

Your Citizen Eco-Drive watch is powered by light and does not require battery replacement. For optimal performance, ensure the watch is adequately charged before initial use.

2.1 Initial Charging

Place the watch in direct sunlight or under strong artificial light for several hours. Avoid placing the watch in

extreme heat. The watch will begin operating once it receives sufficient light.

2.2 Setting the Time and Date

1. **Pull out the crown:** Gently pull the crown (the knob on the side of the watch) to the second click position.
2. **Set the time:** Rotate the crown to move the hour and minute hands to the correct time. Ensure you differentiate between AM and PM for accurate date change.
3. **Set the date:** Push the crown back to the first click position. Rotate the crown to adjust the date display.
4. **Push in the crown:** Once the time and date are set, push the crown back into the normal position to start the watch.

2.3 Adjusting the Bracelet

The stainless-steel bracelet features a fold-over clasp with push buttons. For proper fit, the bracelet may need to be adjusted by adding or removing links. This procedure typically requires specialized tools and is best performed by a qualified jeweler or watch technician.

3. OPERATING INSTRUCTIONS

This watch features a chronograph, 12/24-hour time display, and a tachymeter.

3.1 Chronograph Function

The chronograph measures elapsed time up to 60 minutes. It is operated using the two push-buttons located on the side of the watch, above and below the crown.

1. **Start:** Press the upper push-button to start the chronograph. The chronograph second hand will begin to move.
2. **Stop:** Press the upper push-button again to stop the chronograph. The elapsed time will be indicated by the chronograph hands.
3. **Reset:** Press the lower push-button to reset the chronograph hands to their zero positions.

3.2 12/24-Hour Time Display

The watch includes a sub-dial that displays the time in a 24-hour format, synchronized with the main time display.

3.3 Tachymeter Scale

The tachymeter scale on the bezel can be used to measure speed over a known distance (e.g., 1 kilometer or 1 mile). To use it, start the chronograph at the beginning of the distance and stop it at the end. The point on the tachymeter scale indicated by the chronograph second hand will show the average speed in units per hour.

4. MAINTENANCE AND CARE

Proper care will ensure the longevity and performance of your Citizen Eco-Drive watch.

4.1 Charging Guidelines

To maintain optimal charge, expose your watch to light regularly. If the watch is stored in darkness for

extended periods, it may stop. A full charge can last for several months in darkness, but regular light exposure is recommended.

4.2 Water Resistance

This watch is water resistant up to 100 meters (10 ATM). This means it is suitable for swimming and snorkeling, but not for scuba diving. Do not operate the crown or push-buttons while the watch is wet or submerged.

4.3 Cleaning

Wipe the watch case and bracelet with a soft, dry cloth. For stainless steel, a slightly damp cloth can be used, followed by a dry cloth. Avoid using harsh chemicals or abrasive materials.

4.4 Storage

When storing the watch for extended periods, ensure it is exposed to light periodically to prevent it from losing its charge and stopping.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Watch has stopped or is running intermittently.	Insufficient charge.	Expose the watch to strong light (e.g., direct sunlight) for several hours to fully charge it.
Date changes at noon instead of midnight.	Time is set incorrectly (AM/PM).	Advance the time by 12 hours. Refer to Section 2.2 for setting the time.
Chronograph hands do not reset to zero.	Requires chronograph zero position adjustment.	Consult a Citizen service center for adjustment. This is typically a technical adjustment.
Condensation inside the watch.	Exposure to extreme temperature changes or compromised water resistance.	Immediately take the watch to an authorized service center for inspection and repair.

6. SPECIFICATIONS

- **Model Number:** CA4540-54A
- **Movement:** Citizen Eco-Drive (Caliber B620)
- **Case Material:** Stainless Steel
- **Bracelet Material:** Stainless Steel
- **Crystal:** Sapphire Crystal
- **Dial:** Silver-tone with date, 12/24-hour time, chronograph (measures up to 60 minutes), tachymeter.
- **Water Resistance:** 100 meters (10 ATM)
- **Functions:** Time, Date, Chronograph, 24-hour display, Tachymeter
- **Approximate Package Dimensions:** 4.8 x 3.9 x 3.11 inches
- **Approximate Package Weight:** 13.44 ounces

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Citizen watches typically come with a limited international warranty covering manufacturing defects. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.


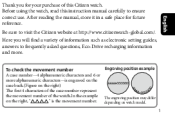
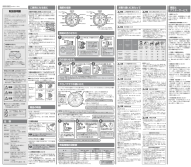



7.2 Customer Support

For technical assistance, service, or warranty claims, please contact Citizen customer support or visit an authorized Citizen service center. Contact information can usually be found on the official Citizen website or in the documentation provided with your watch.

You can visit the official Citizen store for more information: [Citizen Official Store](#)

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Related Documents - CA4540-54A

	Citizen Eco-Drive Watch Instruction Manual (Cal. E81*/E82*) This comprehensive instruction manual provides details on operating and maintaining Citizen Eco-Drive watches, specifically models featuring Calibers E81* and E82*. Learn about solar charging, watch functions, specifications, and essential precautions.
	Citizen Eco-Drive Watch Instruction Manual - Features, Operation, and Care Comprehensive instruction manual for Citizen Eco-Drive watches, covering features, charging, time setting, chronograph functions, water resistance, safety precautions, and troubleshooting. Learn how to operate and maintain your Citizen watch.
	Citizen Eco-Drive Watch User Manual and Care Guide Comprehensive guide for Citizen Eco-Drive watches, covering operation, maintenance, charging, and troubleshooting. Learn how to set the time, use the chronograph, and care for your watch to ensure longevity.
	Manuel d'instructions Citizen Eco-Drive B870/B872 Guide complet pour l'utilisation et l'entretien des montres Citizen Eco-Drive, incluant les fonctions, la résistance à l'eau et les précautions de sécurité pour les modèles B870 et B872.
	Citizen Eco-Drive AP2XXX Instruction Manual - Solar Analog Watch Features & Operation Comprehensive instruction manual for the Citizen Eco-Drive AP2XXX solar analog watch. Learn about its features, functions, charging, time setting, alarm, chronograph, water resistance, and precautions.
	Citizen Eco-Drive Watch Instruction Manual This document provides a comprehensive guide to operating and maintaining Citizen Eco-Drive watches, covering features, safety precautions, charging, time/date setting, chronograph usage, water resistance, and specifications.

