

Citizen CA4444-82E

Citizen Eco-Drive Chronograph Watch CA4444-82E Instruction Manual

Model: CA4444-82E

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Citizen Eco-Drive Chronograph Watch, Model CA4444-82E. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your timepiece. The Eco-Drive technology harnesses light from any source, converting it into energy to power the watch, eliminating the need for battery replacement.

SETUP AND INITIAL CHARGING

Initial Charging

Your Citizen Eco-Drive watch is powered by light. For optimal performance, ensure the watch receives sufficient light exposure. Upon first use or after a prolonged period in darkness, the watch may stop. To restart, expose the watch face to a bright light source (e.g., sunlight or fluorescent lamp) for several hours. The second hand will begin to move at one-second intervals once sufficient charge is accumulated.

- **Sunlight:** Approximately 5-6 hours for a full charge from a completely discharged state.
- **Fluorescent Lamp (30W, 20cm distance):** Approximately 40-50 hours for a full charge.

Avoid placing the watch too close to incandescent lamps or halogen lights, as this can generate excessive heat and damage the movement.

Setting the Time and Date

1. **Pull out the crown** to the second click position. The second hand will stop.
2. **Rotate the crown** to set the hour and minute hands. When setting the minute hand, advance it a few minutes past the desired time and then turn it back.
3. **Push the crown back** to the first click position.
4. **Rotate the crown** to set the date. Ensure the date changes at midnight, not noon. If setting during the evening, advance the date to the next day.

5. **Push the crown back** to the normal position. The second hand will resume movement.



Image: Side view of the watch, highlighting the crown and chronograph pushers. The crown is used for setting time and date, while the pushers control the chronograph functions.

OPERATING INSTRUCTIONS

Chronograph Function

This watch features a chronograph capable of measuring up to 60 minutes in 1/5-second increments.

1. **Starting the Chronograph:** Press the upper pusher (A) to start the chronograph. The chronograph second hand will begin to move.
2. **Stopping the Chronograph:** Press the upper pusher (A) again to stop the chronograph. The elapsed time will be indicated by the chronograph second hand and minute hand.
3. **Resetting the Chronograph:** After stopping, press the lower pusher (B) to reset the chronograph. All chronograph hands will return to their zero positions.
4. **Split Time Measurement:** To measure split times, press the lower pusher (B) while the chronograph is running. The chronograph hands will stop to indicate the split time. Press (B) again to resume measurement.



Image: Front view of the Citizen Eco-Drive Chronograph watch. Observe the main dial, sub-dials for chronograph functions, and the tachymeter scale on the bezel.

Tachymeter Scale

The tachymeter scale on the bezel can be used to measure speed (km/h or mph) or production rates (units/hour). To measure speed, start the chronograph when passing a starting point. Stop it after traveling 1 unit of distance (e.g., 1 kilometer or 1 mile). The point on the tachymeter scale indicated by the chronograph second hand shows the average speed.

CARE AND MAINTENANCE

Charging Guidelines

- To maintain optimal charge, expose the watch to light regularly.
- Avoid prolonged storage in dark places, as this can lead to complete discharge and require a longer initial charge.
- The watch features an insufficient charge warning function (second hand moves at two-second intervals) and a power save function (hands stop when stored in darkness for an extended period).

Water Resistance

This watch is designed for swimming. Ensure the crown is pushed in completely before exposing the watch to water. Do not operate the crown or pushers while the watch is wet or submerged.

Cleaning

Wipe the watch case and band with a soft, dry cloth. For titanium bands, a slightly damp cloth can be used, followed by a dry cloth. Avoid using chemical cleaners or solvents.

Storage

When storing the watch for extended periods, place it in an area where it can receive light to prevent complete discharge. If stored in darkness, the power save function will activate.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Watch has stopped or second hand moves at two-second intervals.	Insufficient charge.	Expose the watch to bright light for several hours until the second hand moves normally.
Hands do not move after charging.	Watch may be in power save mode or requires a full reset.	Ensure sufficient charge. If still unresponsive, pull the crown out to the second click, wait 30 seconds, then push it back in. If issues persist, consult a service center.
Chronograph hands do not reset to zero.	Chronograph hands misalignment.	Refer to the full Citizen movement manual for your specific caliber (B620) for chronograph zero position adjustment instructions. This typically involves pulling the crown to the second click and using the pushers to adjust the hands.
Date changes at noon.	AM/PM setting incorrect.	Advance the time by 12 hours when setting the time.

SPECIFICATIONS

- **Model Number:** CA4444-82E
- **Movement:** Eco-Drive (Solar Powered)
- **Case Material:** Titanium
- **Band Material:** Titanium
- **Chronograph:** Measures up to 60 minutes in 1/5-second increments
- **Water Resistance:** Suitable for swimming (refer to watch back for specific depth rating if available)
- **Functions:** Time (hour, minute, second), Date, Chronograph, Tachymeter
- **Dimensions:** Approximately 2.17 x 0.79 x 3.54 inches (packaging); Watch dimensions: Not explicitly stated, but typically around 43mm case diameter.
- **Weight:** Approximately 3.53 ounces (packaging)
- **Power Source:** Rechargeable Lithium-ion cell (charged by light)



Image: Rear view of the Citizen Eco-Drive Chronograph watch, displaying the solid titanium case back and the construction of the titanium bracelet.

WARRANTY AND SUPPORT

Citizen watches are covered by a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage details. For service or support, please contact an authorized Citizen service center.

You can find more information and locate service centers on the official Citizen website: www.citizenwatch.com

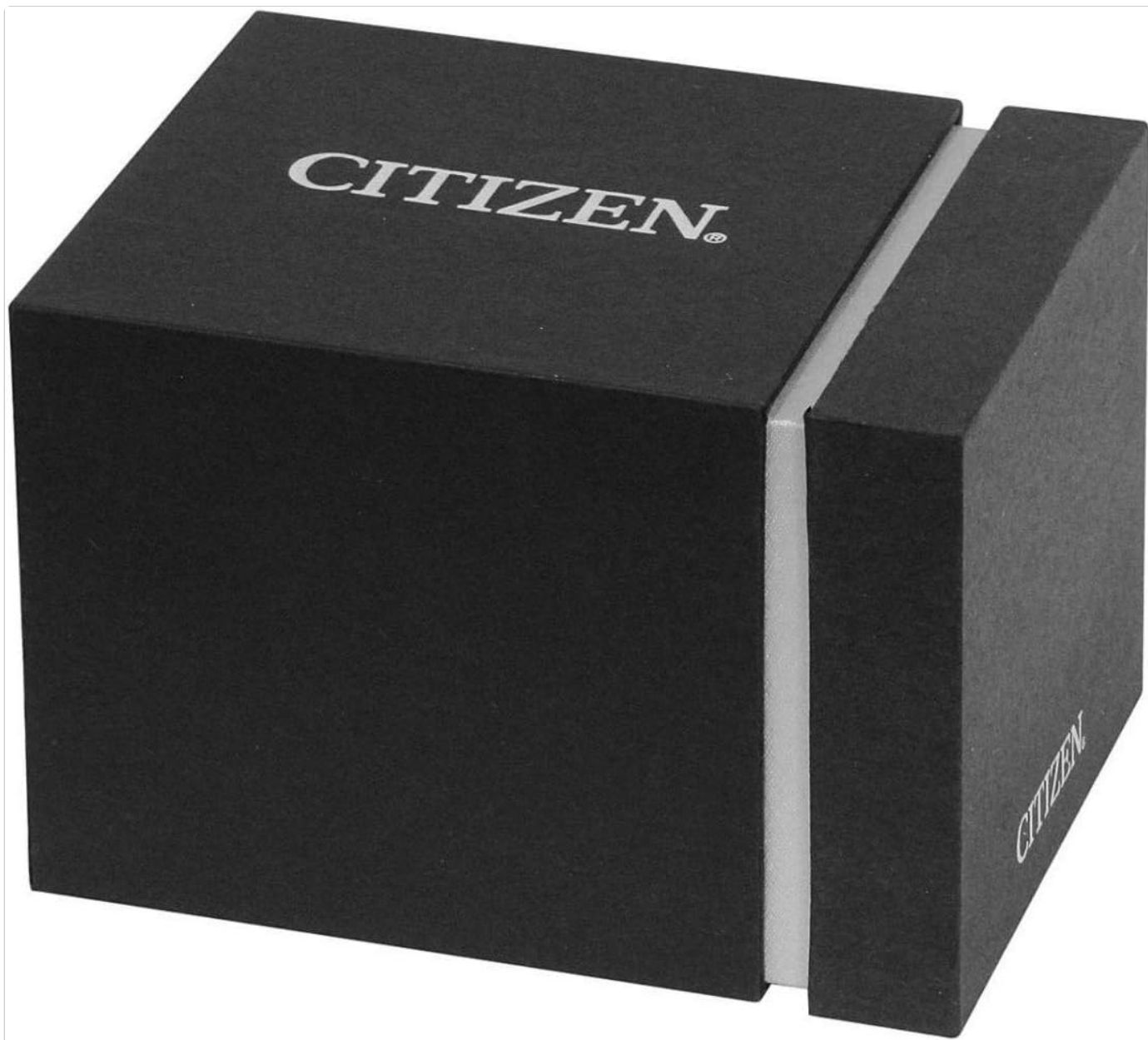


Image: The Citizen watch presentation box. The warranty card and instruction booklet are typically found inside this packaging.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question