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› [Citizen](#) /

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Model: CB5034-82L

INTRODUCTION

Thank you for choosing the Citizen CB5034-82L Eco-Drive Radio-Controlled Chronograph Watch. This timepiece combines advanced technology with elegant design, featuring Citizen's proprietary Eco-Drive technology, which harnesses light energy to power the watch, eliminating the need for battery replacement. It also boasts multi-band radio control for precise timekeeping, a chronograph, perpetual calendar, and world time functions. This manual provides detailed instructions for the proper use and care of your watch.

KEY FEATURES

- **Eco-Drive Technology:** Powered by any light source, with a 10-month power reserve (up to 3 years in power-saving mode).
- **Radio-Controlled Timekeeping:** Receives time signals from Europe, USA, Japan, and China for atomic accuracy.
- **Chronograph:** Measures elapsed time up to 60 minutes in 1/20-second increments.
- **World Time:** Displays time for 24 world cities and Coordinated Universal Time (UTC).
- **Perpetual Calendar:** Automatically adjusts for odd/even months and leap years until February 28, 2100.
- **Alarm Function:** Set a daily alarm.
- **Power Reserve Indicator:** Shows the current charge level.
- **Durable Construction:** Satin-finished steel case and bracelet, scratch-resistant sapphire crystal, and 20 BAR (200 meters) water resistance.
- **Tachymeter Bezel:** For calculating speed over a known distance.

PRODUCT OVERVIEW



Image Description: A detailed front view of the Citizen CB5034-82L watch. The watch features a robust silver-tone stainless steel case and bracelet. The dial is a striking blue with luminous hour markers and hands, ensuring readability. Three sub-dials are visible: a 24-hour indicator at 9 o'clock, a function mode indicator (M, T, W, F, S) at 3 o'clock, and a mode selector (SET, TME, ALM, CHR) at 6 o'clock. The date window is positioned at 4 o'clock. The black bezel is marked with a tachymeter scale and city codes for world time functionality. The crown and pushers are visible on the right side of the case. The "Eco-Drive" and "Radio Controlled" logos are clearly visible on the dial.

SETUP

1. Initial Charging

As an Eco-Drive watch, your CB5034-82L is powered by light. Before initial use, or if the watch has stopped, ensure it is

fully charged.

- Place the watch in direct sunlight or under strong artificial light.
- For a full charge from a completely discharged state, expose the watch to direct sunlight for approximately 11 hours, or under a fluorescent lamp (30W, 20cm away) for about 50 hours.
- The second hand will move in 2-second intervals when the power reserve is low. Continue charging until the second hand moves normally (1-second intervals).

2. Time Signal Reception (Radio Control)

Your watch automatically attempts to receive the time signal daily. For manual reception or to check reception status:

1. Pull the crown out to position 1.
2. Press the upper right button (A) to initiate manual reception. The second hand will point to "RX" (reception in progress).
3. Place the watch near a window, away from electronic devices, with the 9 o'clock side facing the signal source.
4. Reception typically takes 2-10 minutes. Once complete, the second hand will point to "OK" (successful) or "NO" (unsuccessful).
5. Push the crown back in to position 0.

Note: Ensure your home city is correctly set for accurate time signal synchronization. Refer to the "Operating - World Time Function" section for setting your home city.

OPERATING

1. Basic Timekeeping

The watch displays hours, minutes, seconds, and date. After successful radio signal reception, the time and date are automatically updated.

2. World Time Function

To set or change the world city:

1. Pull the crown out to position 1.
2. Rotate the crown to select the desired city code on the bezel. The hour and minute hands will adjust to the time in that city.
3. Push the crown back in to position 0 to confirm the selection.

Tip: The 24-hour sub-dial indicates AM/PM for the selected city.

3. Chronograph Operation

To use the stopwatch function:

1. Ensure the watch is in "CHR" (Chronograph) mode by rotating the crown when pulled out to position 1, then push it back in. The second hand will move to the 12 o'clock position.
2. Press the upper right button (A) to start/stop the chronograph.
3. Press the lower right button (B) to reset the chronograph to zero.
4. The 1/20-second sub-dial (if applicable) and minute sub-dial will display the elapsed time.

4. Alarm Setting

To set the alarm:

1. Rotate the crown (when pulled out to position 1) to select "ALM" (Alarm) mode. Push the crown back in.
2. Pull the crown out to position 1 again. The hour and minute hands will move to the current alarm time.
3. Rotate the crown to set the desired alarm time.
4. Press the upper right button (A) to turn the alarm ON/OFF. The alarm ON/OFF indicator will show the status.
5. Push the crown back in to position 0 to save the setting.

5. Perpetual Calendar

The perpetual calendar automatically adjusts the date for months with 30 or 31 days, and for leap years. No manual adjustment is required until February 28, 2100, provided the watch is correctly synchronized via radio signal or manually set.

MAINTENANCE

1. Charging Guidelines

- To maintain optimal performance, expose your watch to light regularly.
- Avoid prolonged storage in dark places, which can deplete the power reserve.
- Do not place the watch too close to incandescent lamps or other heat sources, as this may cause damage.

2. Water Resistance Precautions

Your watch is water resistant up to 20 BAR (200 meters). This makes it suitable for swimming, showering, and snorkeling.

- 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.
- After exposure to saltwater, rinse the watch thoroughly with fresh water and dry it with a soft cloth.

3. Cleaning

Wipe the watch case and bracelet with a soft, dry cloth regularly to remove dirt and moisture. For stubborn dirt, a slightly damp cloth can be used, followed by drying.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Watch has stopped or second hand moves in 2-second intervals.	Insufficient charge.	Expose the watch to strong light for an extended period until fully charged.
Time is incorrect after radio signal reception.	Incorrect home city setting or poor reception environment.	Verify home city setting. Attempt manual reception in a location with better signal (near a window, away from electronics).
Hands do not align to 12 o'clock position in chronograph reset.	Hand position misalignment.	Perform a "All Reset" and "Zero Positioning" procedure (refer to Citizen's official website or a more detailed manual for specific steps, as this is an advanced function).

Problem	Possible Cause	Solution
Alarm does not sound.	Alarm is turned OFF or volume is too low.	Ensure alarm is set to ON. Check if the watch is in a power-saving mode that might affect alarm sound.

SPECIFICATIONS

- **Model Number:** CB5034-82L
- **Movement:** Eco-Drive (Solar Powered) Caliber E660
- **Power Reserve:** Approximately 10 months (3 years in power save mode)
- **Case Material:** Stainless Steel
- **Case Diameter:** 44 mm
- **Case Thickness:** 13 mm
- **Crystal:** Sapphire Glass (Scratch Resistant)
- **Dial Color:** Blue
- **Bracelet Material:** Stainless Steel
- **Water Resistance:** 20 BAR (200 meters)
- **Functions:** Radio-Controlled (Multi-band), Chronograph, World Time (24 cities + UTC), Alarm, Perpetual Calendar, Power Reserve Indicator, Date Display.
- **Weight:** Approximately 164 g

WARRANTY AND SUPPORT

Your Citizen CB5034-82L watch comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. For technical support, repairs, or further inquiries, please contact your authorized Citizen service center or visit the official Citizen website for your region.

Official Citizen Website: www.citizenwatch.com

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