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CITIZEN Eco-Drive Radio-Controlled Watch AT9031-52L User Manual

Model: AT9031-52L

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the proper use and care of your CITIZEN Eco-Drive Radio-Controlled Watch, model AT9031-52L. This timepiece combines advanced Eco-Drive technology, which powers the watch using any light source, with radio-controlled timekeeping for superior accuracy. It also features a durable sapphire glass and world time functionality.



Figure 1: Front view of the CITIZEN Eco-Drive Radio-Controlled Watch AT9031-52L. This image displays the watch's blue dial, silver-tone case, and metal bracelet. The dial features multiple sub-dials and indicators for various functions, including world time cities around the bezel.

2. SETUP

2.1 Initial Charging

Your Eco-Drive watch is powered by light. Before initial use, or if the watch has stopped, expose it to bright light (natural sunlight or fluorescent light) for several hours to ensure a full charge. Avoid placing the watch in direct sunlight for extended periods in hot environments to prevent damage.

- For optimal performance, ensure the watch is regularly exposed to light.
- A fully charged watch can operate for several months in the dark.

2.2 Setting the Time Zone and Receiving Radio Signal

The AT9031-52L is a radio-controlled watch that automatically adjusts time based on received radio signals. However, you must first set your home city (time zone).

1. Pull the crown out to the first click. The second hand will point to the current time zone setting.
2. Rotate the crown to select your desired home city (time zone) from the city names around the bezel.
3. Push the crown back in. The watch will attempt to receive the radio signal for the selected time zone and adjust the time automatically.
4. For manual reception, press and hold the lower right button (B) for approximately 2 seconds until the second hand points to "RX" (Receive).



Figure 2: Side view showing the crown and pushers, and a close-up of the engraved case back. This image highlights the watch's operational controls and the detailed engravings on the back, including "CITIZEN ECO-DRIVE RADIO CONTROLLED" and "SAPPHIRE".

3. OPERATING THE WATCH

3.1 Basic Timekeeping

Once the time zone is set and the watch has received a signal, it will display the correct time and date for your selected home city. The watch automatically adjusts for Daylight Saving Time (DST) if the signal includes this information.

3.2 World Time Function

The AT9031-52L allows you to easily switch between your home time and a different world time zone.

1. Press the upper right button (A) to enter World Time mode. The second hand will point to the currently selected world city.
2. Rotate the crown to select the desired world city. The main hands will adjust to display the time in that city.
3. To return to home time, press the upper right button (A) again.

3.3 Checking Signal Reception Result

You can check the last signal reception result:

1. Press the lower right button (B) briefly. The second hand will point to "OK" (successful reception) or "NO" (unsuccessful reception).
2. The watch will return to normal timekeeping after a few seconds.



Figure 3: Close-up of the watch dial and bracelet. This image provides a detailed view of the watch's intricate dial, including the sub-dials for 24-hour time and function indicators, as well as the texture and links of the metal bracelet.

4. MAINTENANCE

4.1 Cleaning Your Watch

Regular cleaning helps maintain the appearance and longevity of your watch.

- Wipe the case and crystal with a soft, dry cloth.
- For metal bracelets, use a soft brush and soapy water to clean between the links, then rinse thoroughly with clean water and dry completely.
- Avoid using harsh chemicals or abrasive materials.

4.2 Water Resistance

This watch is water-resistant. Refer to the water resistance indication on the case back. 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.

4.3 Eco-Drive Power Cell Care

The Eco-Drive power cell does not require replacement under normal use. To ensure its longevity, avoid prolonged storage in complete darkness. If the watch stops, expose it to bright light to recharge.

5. TROUBLESHOOTING

5.1 Time is Incorrect

- **Check power reserve:** Ensure the watch is sufficiently charged by exposing it to bright light.
- **Check signal reception:** Perform a manual signal reception (refer to Section 2.2). Ensure you are in an area with good signal reception, away from electronic interference.
- **Home city setting:** Verify that your home city is correctly set (refer to Section 2.2).

5.2 Watch Not Receiving Signal

- **Location:** Try receiving the signal near a window or outdoors, especially at night when signals are stronger.
- **Interference:** Move away from computers, televisions, mobile phones, and other electronic devices that may cause interference.
- **Power reserve:** A low power reserve can affect signal reception. Ensure the watch is fully charged.

6. SPECIFICATIONS

Feature	Specification
Model Number	AT9031-52L
Movement	Eco-Drive (Solar Powered)
Timekeeping	Radio-Controlled (Atomic Timekeeping)
Crystal	Sapphire Glass
Case Dimensions	Approximately 13.6 x 13.4 x 11.8 cm (Package Size)
Weight	760 g (Package Weight)
First Available Date	January 21, 2020

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official CITIZEN website or the warranty card included with your purchase. Keep your proof of purchase for warranty claims.

Official CITIZEN Website: www.citizenwatch-global.com

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