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› Citizen JY8100-80L Eco-Drive Chronograph Watch Instruction Manual

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Model: JY8100-80L | Brand: Citizen

INTRODUCTION

Welcome to your Citizen JY8100-80L Eco-Drive Chronograph watch. This manual provides detailed instructions for the proper setup, operation, and maintenance of your timepiece. Please read it carefully to ensure optimal performance and longevity of your watch.

This watch features Eco-Drive light-charging technology, a 42-month power reserve, multi-band radio control (Europe, USA, Japan, and China), World Time for 43 cities, a 1/100-second chronograph, dual alarms, a 99-minute countdown timer, and a perpetual calendar. It is constructed with Super Titanium, a sapphire crystal, and is water-resistant to 20 bars (200 meters).

PRODUCT OVERVIEW

The Citizen JY8100-80L is a sophisticated analog-digital multifunction watch designed for precision and durability, suitable for various activities including professional diving.



This image displays the Citizen JY8100-80L watch, highlighting its blue dial, luminous hands and markers, and the intricate analog-digital display. The watch features a silver-toned Super Titanium case and bracelet, with multiple sub-dials and digital readouts for various functions. The outer bezel includes a slide rule for calculations.

INITIAL SETUP

Charging the Watch

Your Citizen Eco-Drive watch is powered by light. Ensure the watch is exposed to sufficient light for proper operation. The watch has a 42-month power reserve when fully charged.

Important: For initial charging or after prolonged storage in darkness, expose the watch to bright light (e.g., direct sunlight or a fluorescent lamp) for several hours until the power reserve indicator shows a full charge. Avoid extreme temperatures during charging.

Setting the Time and Date (Radio Control)

This watch is equipped with a 5-channel multi-band radio control function, allowing it to receive time signals from Europe, USA, Japan, and China. This ensures highly accurate timekeeping.

1. Ensure the watch is in an area with good signal reception, away from electronic interference from devices like televisions, computers, or mobile phones.
2. The watch will attempt to receive time signals automatically, typically overnight between 2:00 AM and 4:00 AM.
3. To manually initiate signal reception, pull the crown out to the time setting position (usually position 1 or 2, refer to watch diagram for exact position), then press and hold the designated button (e.g., top right button) for approximately 2 seconds until the watch indicates reception mode.
4. After successful reception, the watch will automatically adjust the time and date. Verify the time and date are correctly set.

Setting World Time

The watch features World Time with 43 cities and UTC time, allowing you to easily switch between time zones.

1. Rotate the crown or use the push-buttons (refer to the watch diagram for specific controls) to navigate to the World Time mode (WT-S).
2. Select your desired city from the available list. The watch will automatically adjust the time for the selected city, including daylight saving time if applicable.

OPERATING INSTRUCTIONS

Basic Timekeeping

The watch displays analog time with luminous hands and digital time on its display. The analog hands show the primary time zone, while the digital display can show various functions or a secondary time zone.

Chronograph Function

The 1/100-second chronograph allows for precise time measurement for events up to 24 hours.

1. Navigate to the chronograph mode (CHR).
2. Press the top right button to start the chronograph.
3. Press the top right button again to stop.
4. Press the bottom right button to reset the chronograph to zero.

Dual Alarms

Set two independent alarms (AL-1 and AL-2) to alert you at specific times.

1. Navigate to the alarm mode (AL-1 or AL-2) using the mode button.
2. Use the push-buttons to set the desired alarm time.
3. Activate or deactivate the alarm. An alarm icon will appear on the display when active.

Countdown Timer

The countdown timer can be set for up to 99 minutes, useful for various timed activities.

1. Navigate to the timer mode (TMR).
2. Set the countdown duration using the appropriate buttons.
3. Start the countdown. An alert will sound when the timer reaches zero.

Perpetual Calendar

The perpetual calendar automatically adjusts for month length and leap years, displaying the correct date without manual intervention until the year 2100.

Digital Display Illumination

The digital display features illumination for visibility in low-light conditions. Activate by pressing the designated button (refer to watch diagram for exact button location).

Slide Rule Bezel

The bi-directional rotating bezel with a slide rule system can be used for various calculations, such as multiplication, division, fuel consumption, and speed. Consult aviation or navigation guides for detailed usage instructions for the slide rule.

MAINTENANCE

Charging

To maintain optimal performance and ensure the 42-month power reserve, ensure the watch is regularly exposed to light. Avoid prolonged storage in darkness, which can deplete the power reserve and potentially shorten the lifespan of the rechargeable cell.

Cleaning

Clean the watch case and bracelet with a soft, dry cloth. For water-resistant models, a damp cloth can be used, but ensure the crown is pushed in and buttons are not operated underwater. Avoid using chemical cleaners or abrasive materials.

Water Resistance

This watch is water-resistant to 20 bars (200 meters). It is suitable for swimming, showering, and recreational diving. Do not operate buttons or the crown while the watch is wet or submerged, as this can compromise the water resistance.

Storage

When storing the watch for extended periods, place it in an area where it can receive light to prevent the power reserve from depleting. Avoid storing in areas with extreme temperatures, high humidity, or strong magnetic fields.

TROUBLESHOOTING

Watch Not Running / Low Power

If the watch stops or the power reserve indicator shows low charge, expose it to bright light for an extended period (several hours to a full day) to fully recharge the Eco-Drive cell.

Incorrect Time / Date

Ensure the watch is receiving radio signals. Try initiating manual signal reception in an open area. Check for strong magnetic fields nearby that might interfere with timekeeping. If the issue persists, perform a full reset (refer to the Citizen official manual for specific reset procedures for your model).

Buttons Not Responding

Check if the watch is in a specific mode that locks button functions. Ensure the watch is not wet if it's a water-resistant model. If buttons are stuck, gently clean around them. Do not force buttons.

Digital Display Issues

If the digital display is blank or flickering, it may indicate low power. Recharge the watch. If the issue continues after full charge, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	JY8100-80L
Movement	Eco-Drive (Solar Powered)
Display	Analog-Digital
Case Material	Super Titanium
Case Diameter	45 mm
Dial Color	Blue
Bracelet Material	Super Titanium
Water Resistance	20 Bar (200 Meters)
Functions	Chronograph (1/100 sec), Dual Alarm, Countdown Timer (99 min), Perpetual Calendar, World Time (43 cities + UTC), Radio Controlled (Multi-band: Europe, USA, Japan, China), Power Reserve Indicator, Digital Display Illumination
Crystal	Sapphire
Power Reserve	42 Months (when fully charged)
Weight	114 g

Note: This watch uses a rechargeable cell powered by light, eliminating the need for traditional battery replacement.

WARRANTY AND SUPPORT

For detailed warranty information, service, and customer support, please refer to the official Citizen website or contact your authorized Citizen dealer. Keep your proof of purchase for warranty claims.

Information regarding the availability of spare parts for this specific model is not provided in the product details. Please contact Citizen customer service for inquiries about spare parts.

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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.

Name

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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