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> Citizen Men's Eco-Drive Sport Luxury World Chronograph Atomic Time Keeping Watch in Stainless Steel with Blue Polyurethane strap, Blue Dial (Model: AT8020-03L) - Instruction Manual

Citizen AT8020-03L

Citizen Men's Eco-Drive Sport Luxury World Chronograph Atomic Time Keeping Watch

Model: AT8020-03L

INTRODUCTION

The Citizen Eco-Drive Blue Angels World Chronograph A-T is a sophisticated timepiece designed for precision and reliability. This radio-controlled perpetual calendar chronograph features atomic timekeeping across 5 time zones (North America, UK, Europe, Japan, and China) and automatic time adjustment for 26 world cities. Powered by Citizen's innovative Eco-Drive technology, it converts any light source into energy, eliminating the need for battery replacement.

Key functions include a 1/20 second chronograph measuring up to 60 minutes, a perpetual calendar, 12/24 hour time display, and a power reserve indicator. Crafted from stainless steel with a blue ion-plated bezel, a non-reflective sapphire crystal, and a blue polyurethane strap, this watch combines luxury with robust functionality, including 200-meter water resistance.



Image: Front view of the Citizen Eco-Drive Blue Angels World Chronograph watch, showcasing its blue dial, multiple subdials, and blue polyurethane strap.

SETUP AND INITIAL OPERATION

Your Citizen Eco-Drive watch is powered by light. For optimal performance, ensure the watch is regularly exposed to light. Upon receiving your watch, it may be in a low power state. Place it under a bright light source (natural or artificial) for several hours to fully charge the power cell.

Understanding Eco-Drive Technology

The Eco-Drive system converts light into electrical energy, which is then stored in a rechargeable power cell. This energy drives the watch's motor, gears, and hands, allowing it to function for extended periods, even in darkness, once fully charged. This eliminates the need for battery replacements.

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Video: An animated explanation of how Citizen's Eco-Drive technology works, demonstrating light conversion to energy and power storage.

Setting Time and Calendar (Caliber H800)

The AT8020-03L model features the H800 caliber movement, which includes atomic timekeeping and a perpetual calendar. For detailed instructions on setting the time, date, and synchronizing with the atomic clock, please refer to the official setting instructions video below. This video provides a comprehensive guide to all adjustments.

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Video: Step-by-step instructions for setting the H800 caliber watch, covering time, date, and atomic synchronization.



Image: A detailed diagram highlighting various features of the Citizen Eco-Drive watch, including atomic timekeeping,

chronograph, power reserve indicator, and sapphire crystal.

OPERATING YOUR WATCH

Atomic Timekeeping and World Time

The watch automatically receives time signals from atomic clocks in 5 zones (North America, UK, Europe, Japan, China) to maintain precise time. It can also display the time for 26 world cities. To check synchronization status, press the 4 o'clock chrono pusher; the hand on the 6 o'clock subdial will indicate "OK" or "NO".

Chronograph Function

The 1/20 second chronograph can measure up to 60 minutes. To activate, ensure the crown is in the closed position, then press the upper right button. Press again to start/stop, and the lower right button to reset. Refer to the H800 Setting Instructions video for a visual guide.

Power Reserve Indicator

To check the power reserve, press the lower chrono pusher. The indicator on the 12 o'clock subdial will show the remaining charge. A full charge allows the watch to run for over six months, even if stored in the dark.



Image: The Citizen Eco-Drive watch worn on a wrist, demonstrating its size and appearance during wear.

MAINTENANCE

- **Cleaning:** Wipe the watch regularly with a soft, dry cloth to remove dirt and moisture. For the strap, follow specific cleaning instructions for polyurethane.

- **Charging:** Expose the watch to light regularly. Avoid prolonged storage in dark places to prevent the power cell from depleting.
- **Water Resistance:** This watch is water resistant to 200 meters (20 BAR). It is suitable for professional marine activity and serious surface water sports, but not scuba diving. Ensure the crown is pushed in completely before exposing the watch to water.
- **Avoid Extreme Temperatures:** Do not expose the watch to extreme temperatures (hot or cold) for extended periods, as this can affect its accuracy and lifespan.

TROUBLESHOOTING

If you encounter issues with your Citizen Eco-Drive watch, consider the following common solutions:

- **Watch Not Running or Hands Not Moving:** This typically indicates insufficient charge. Place the watch under a strong light source for several hours (e.g., direct sunlight for 5-6 hours or fluorescent light for 20-30 hours) to fully charge it.
- **Atomic Time Synchronization Failure ("NO" indication):**
 - Ensure the watch is placed near a window or in an open area, especially overnight, to receive the time signal.
 - Avoid placing the watch near electronic devices that may interfere with the signal.
 - Verify you are within one of the 5 supported atomic time zones.
 - Perform a manual reception attempt as described in the full user manual.
- **Incorrect Time/Date After Charge:** After a full charge or if the watch has been in a low power state, you may need to manually set the time and date, and perform an "All Reset" and "Zero Positioning" if the hands are misaligned. Refer to the H800 Setting Instructions video in the "Setup" section for guidance on these procedures.
- **Hands Not Aligning to Zero:** If the chronograph hands or main hands do not return to their correct zero positions, an "All Reset" and "Zero Positioning" procedure is required. This is covered in the H800 Setting Instructions video.

SPECIFICATIONS

Feature	Detail
Model Number	AT8020-03L
Movement	Eco-Drive (Caliber H800)
Timekeeping	Atomic Timekeeping in 5 Zones, Automatic Time in 26 World Cities
Chronograph	1/20 Second, up to 60 Minutes
Calendar	Perpetual Calendar, Day/Date
Crystal	Non-Reflective Sapphire Crystal
Water Resistance	200 Meters (20 BAR)
Case Material	Stainless Steel, Blue Ion Plating
Strap Material	Blue Polyurethane
Dimensions	6 x 6 x 7 inches; 3.06 ounces

WARRANTY AND SUPPORT

This Citizen Eco-Drive watch comes with a **5-Year Limited Warranty**. For detailed warranty terms and conditions, please refer to the official warranty documentation included with your purchase or visit the Citizen official website.

For further assistance, technical support, or service inquiries, please contact Citizen customer service or visit their authorized service centers. You can find contact information and a list of service centers on the official Citizen website.

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Eco-Drive: Powered by Light. Never needs a battery.