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› Citizen Men's Promaster Air Skyhawk Eco-Drive Super Titanium™ Watch Instruction Manual

Citizen JY8108-53E

Citizen Promaster Air Skyhawk Eco-Drive Watch

Model: JY8108-53E

PRODUCT OVERVIEW

The Citizen Promaster Air Skyhawk A-T is a sophisticated and robust timepiece designed for precision and durability. It features atomic timekeeping, Eco-Drive technology, and Super Titanium™ construction, making it an ideal companion for various environments and activities.



Figure 1: Front view of the Citizen Promaster Air Skyhawk watch, showcasing its intricate dial and robust design.

This watch redefines atomic timekeeping with its turbine-inspired design. It offers a perpetual calendar, dual time zone display, multiple alarms, and a pilot's rotating slide rule bezel. Powered by light, the Eco-Drive technology ensures the watch never needs a battery replacement, contributing to environmental sustainability.

Key Technologies

Eco-Drive Technology

Citizen's proprietary Eco-Drive technology harnesses the power of light from any source, converting it into energy stored in a permanently rechargeable power cell. This eliminates the need for battery replacement, offering convenience and reducing environmental impact.

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Video 1: Explanation of Citizen's Eco-Drive Technology and how it powers the watch using light.

A fully charged Eco-Drive watch can run for months, even in complete darkness, thanks to its power reserve indicator and energy-saving functions. This ensures reliable operation without constant exposure to light.

Atomic Timekeeping

The Promaster Air Skyhawk A-T features atomic timekeeping, which automatically synchronizes with atomic clocks in 43 world cities. This ensures unparalleled accuracy, with the watch being precise to one second over 20 million years.

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Video 2: Demonstration of how Atomic Timekeeping works to provide precise time synchronization.

The watch receives time signals from transmitting towers, ensuring that the time and date are always accurate, even across different time zones.

Super Titanium™ Construction

Citizen's Super Titanium™ is a proprietary material that is five times harder and 40% lighter than stainless steel. This advanced material provides superior scratch resistance, enhanced comfort, and is gentle on the skin due to its hypoallergenic and rust-resistant properties.



Figure 2: Side view of the watch, highlighting the Super Titanium™ case and bracelet.

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Video 3: Detailed explanation of Super Titanium™ and its benefits in watchmaking.

The use of Super Titanium™ ensures that the watch maintains its aesthetic appeal and structural integrity over time, even with daily wear.

SETUP AND OPERATING INSTRUCTIONS

The Promaster Air Skyhawk A-T is designed for intuitive operation, but understanding its various functions will enhance your experience.

Initial Setup and Time Synchronization

1. **Automatic Time Reception:** The watch is designed to automatically receive time signals. For optimal reception, place the watch near a window or in an open area, especially during nighttime hours.
2. **Manual Time Synchronization:** If automatic reception is not successful, you can manually initiate time synchronization. Refer to the detailed user manual for specific button operations for your model.
3. **City Selection:** To set the correct time zone, rotate the crown to select your desired city from the 43 available world cities. The watch will automatically adjust to the local time.

Core Functions

- **Perpetual Calendar:** The watch features a perpetual calendar that automatically adjusts for odd and even months and leap years, ensuring the correct date is always displayed.
- **Dual Time (Second Time Zone):** Easily display a second time zone, useful for travelers or those communicating across different regions.
- **Alarms:** Set up to two independent alarms for daily reminders.
- **1/100 Second Chronograph:** Utilize the chronograph function to measure elapsed time with high precision, up to 24 hours.
- **99-Minute Countdown Timer:** A convenient countdown timer for various activities.

Pilot's Rotating Slide Rule Bezel

The watch is equipped with a rotating slide rule bezel, a tool commonly used by pilots for calculations such as fuel consumption, speed, and distance. Instructions for using this feature are detailed in the comprehensive user manual.

MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Citizen Promaster Air Skyhawk watch.

- **Charging:** Ensure the watch is regularly exposed to light to maintain its charge. Avoid prolonged storage in dark places. The power reserve indicator will help monitor the charge level.
- **Cleaning:** Wipe the watch regularly with a soft, dry cloth to remove dirt and smudges. For water-resistant models, a damp cloth can be used, followed by drying.
- **Water Resistance:** The watch is water resistant to 200 meters. This makes it suitable for swimming and snorkeling, but not for deep-sea diving unless specified. Always ensure the crown is pushed in completely before exposing the watch to water. Avoid operating buttons underwater.
- **Temperature Extremes:** Avoid exposing the watch to extreme temperatures, both hot and cold, as this can affect

its performance and battery life.

- **Chemicals:** Keep the watch away from chemicals, solvents, and strong detergents, which can damage the case, band, or seals.

TROUBLESHOOTING

If you encounter any issues with your watch, refer to the following common troubleshooting tips:

- **Watch Not Running/Low Power:** If the watch stops or the hands move erratically, it may be due to insufficient charge. Place the watch under a bright light source (natural or artificial) for several hours to fully charge it.
- **Incorrect Time/Date:** Ensure the watch is receiving atomic time signals. Try placing it near a window overnight. If the issue persists, perform a manual time synchronization as described in the "Setup and Operating Instructions" section or consult the full user manual for detailed adjustment procedures.
- **Hands Not Aligning:** In rare cases, the watch hands may become misaligned. This can usually be corrected by performing a manual reset or hand alignment procedure. Refer to the comprehensive user manual for specific steps.
- **Digital Display Issues:** If the digital display is blank or showing incorrect information, ensure the watch is adequately charged. A full reset might be necessary, which is detailed in the user manual.

For more complex issues or repairs, please contact Citizen customer support or an authorized service center.

SPECIFICATIONS

Model Number	JY8108-53E
Movement	Eco-Drive (Light-Powered) Caliber U680
Case Material	Super Titanium™
Band Material	Super Titanium™
Crystal	Anti-Reflective Mineral Crystal
Water Resistance	200 Meters (660 Feet)
Case Diameter	45mm
Features	Atomic Timekeeping (43 cities), Perpetual Calendar, Dual Time, 2 Alarms, 1/100 Second Chronograph (up to 24 hours), 99-Minute Countdown Timer, Power Reserve Indicator, Luminous Hands/Markers, Pilot's Rotating Slide Rule Bezel

Figure 3: Back view of the watch, showing the case back details.

WARRANTY AND SUPPORT

The Citizen Promaster Air Skyhawk Eco-Drive watch comes with a **5-Year Limited Warranty**, covering manufacturing defects under normal use. For detailed warranty terms and conditions, please refer to the official Citizen website or the included warranty card.

For comprehensive instructions on setting up and operating your watch, including advanced features and troubleshooting, please download the official User Manual:

[Download User Manual
\(PDF\)](#)

For further assistance, technical support, or service inquiries, please visit the official Citizen website or contact their customer service department.



Figure 4: The Citizen Promaster watch presented in its durable protective case.

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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.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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