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› Citizen Men's Eco-Drive PCAT Chronograph Black Ion-Plated Watch Instruction Manual

Citizen CB5887-55H

Citizen Men's Eco-Drive PCAT Chronograph Watch Instruction Manual

MODEL: CB5887-55H

Comprehensive guide for your Citizen Eco-Drive PCAT Chronograph Watch.

1. Product Overview

The Citizen Eco-Drive PCAT Chronograph Watch (Model CB5887-55H) is a sophisticated timepiece featuring Citizen's patented Eco-Drive technology, which powers the watch using any light source, eliminating the need for battery replacement. It incorporates an advanced E660 movement, offering a chronograph, perpetual calendar, dual time zones, and a power reserve indicator. The watch is designed with a durable black ion-plated stainless steel case and bracelet, an anti-reflective sapphire crystal, and a radio-controlled atomic timekeeping function for precise accuracy.



Figure 1: Front view of the Citizen Eco-Drive PCAT Chronograph Watch (Model CB5887-55H), showcasing its intricate dial with multiple sub-dials and a tachymeter bezel.

2. Key Features

- **Eco-Drive Technology:** Powered by light, never requires a battery replacement.
- **Atomic Timekeeping:** Synchronizes to atomic time clock with synchronized time adjustment available in 24 time zones for ultimate accuracy.
- **Perpetual Calendar:** Automatically adjusts for odd/even months and leap years until February 28, 2100.
- **Chronograph:** 1-second chronograph measures up to 60 minutes.
- **Dual Time Zones:** Allows tracking of two different time zones simultaneously.
- **Power Reserve Indicator:** Displays the remaining charge level.
- **Alarm Function:** Integrated alarm for convenience.
- **Sapphire Crystal:** Anti-reflective sapphire crystal for superior scratch resistance and clarity.
- **Water Resistance:** Water resistant up to 20 bar (200 meters), suitable for swimming and snorkeling.
- **Material:** Black ion-plated stainless steel case and bracelet for durability and a sleek aesthetic.

3. Setup Guide

3.1 Initial Charge

Before initial use, expose the watch dial to a bright light source (natural sunlight is ideal) for several hours to ensure a full charge. The power reserve indicator will show the current charge level. A full charge can last for several months in darkness.

3.2 Setting Time Zone and Atomic Time Synchronization

The PCAT watch is radio-controlled and designed to automatically synchronize with atomic time signals. Upon receiving the watch, it may be necessary to manually set your home time zone to ensure correct time and date display. The watch will then automatically adjust for Daylight Saving Time and maintain precise timekeeping.

Refer to the detailed instructions in the full user manual for specific steps on how to manually set the time zone and initiate a manual radio signal reception if needed. This process typically involves pulling out the crown and using the pushers to select your desired time zone, after which the watch will attempt to receive the atomic signal.



Figure 2: Side view of the watch, highlighting the crown and pushers used for setting functions.

4. Operating Instructions

4.1 Chronograph Function

To use the chronograph, press the upper right pusher to start and stop the stopwatch. Press the lower right pusher to reset the chronograph hands to zero. The chronograph measures elapsed time up to 60 minutes in 1-second increments.

4.2 Perpetual Calendar

The perpetual calendar automatically adjusts the date for months with 30 or 31 days, and also accounts for leap years. Once the watch is correctly set to your time zone and synchronized with the atomic time signal, the date will always be accurate without manual adjustment until the year 2100.

4.3 Dual Time and Alarm

The watch supports dual time zone display, allowing you to easily switch between your home time and a second time zone. An integrated alarm function can be set for daily reminders. Consult the full manual for detailed instructions on setting and utilizing these advanced features.

5. Care and Maintenance

5.1 Cleaning

Wipe the watch regularly with a soft, dry cloth to remove dust and smudges. For the stainless steel bracelet, a mild soap solution and a soft brush can be used, followed by thorough rinsing and drying. Ensure the crown is pushed in before cleaning with water.

5.2 Water Resistance

This watch is water resistant up to 20 bar (200 meters). This rating makes it suitable for showering, swimming, and snorkeling. However, it is not recommended for scuba diving. Always ensure the crown is fully pushed in before exposing the watch to water.

5.3 Charging and Storage

To maintain optimal performance, ensure the watch is regularly exposed to light. Avoid prolonged storage in dark places, as this can deplete the power reserve. If storing for an extended period, place it in an area where it can receive ambient light.



Figure 3: Back view of the watch, displaying the case back with model and water resistance information.

6. Troubleshooting

Problem	Possible Cause	Solution
Watch is not running or hands are not moving.	Insufficient charge.	Expose the watch dial to bright light (e.g., direct sunlight) for several hours to fully charge.
Time or date is incorrect.	Incorrect time zone setting or failed atomic time signal reception.	Manually set the time zone. Ensure the watch is in an area with good signal reception (e.g., near a window, away from electronic interference) and attempt a manual signal reception. Refer to the full manual for detailed steps.
Hands are misaligned.	Impact or magnetic interference.	Perform a "all reset" and "all clear" procedure as described in the full user manual, then re-synchronize the time.

7. Technical Specifications

Feature	Detail
Model Number	CB5887-55H
Movement	E660 Quartz (Eco-Drive, Radio Controlled)
Case Material	Stainless Steel, Black Ion-Plated
Case Diameter	43mm
Crystal	Anti-reflective Sapphire
Band Material	Stainless Steel, Black Ion-Plated
Clasp Type	Deployment Clasp
Water Resistance	20 Bar (200 Meters)
Functions	Chronograph, Perpetual Calendar, Dual Time, Power Reserve Indicator, Alarm, Atomic Timekeeping (24 Time Zones)
Product Dimensions	3.94 x 3.94 x 3.94 inches; 8.82 ounces

8. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your watch or visit the official Citizen Watches website. Citizen provides comprehensive support for their products, including service centers and online resources for troubleshooting and repairs.

For further assistance, contact Citizen customer service or visit their official support page. Keep your purchase receipt and warranty card for any service inquiries.

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.

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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