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› Citizen Promaster Dive Eco-Drive Watch BN0168-06L User Manual

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Model: BN0168-06L

1. INTRODUCTION

This manual provides detailed instructions for the proper use, setup, and maintenance of your Citizen Promaster Dive Eco-Drive Watch, model BN0168-06L. This timepiece is an ISO-certified dive watch, designed for reliability and performance in aquatic environments, powered by Citizen's innovative Eco-Drive technology.

2. PRODUCT OVERVIEW

The Citizen Promaster Dive Eco-Drive Watch BN0168-06L features a robust design suitable for diving and daily wear. Key components include a stainless steel case, a blue dial with luminous hands and markers, a unidirectional rotating bezel, and a durable polyurethane strap. The watch incorporates a 3-hand movement with a date display.



Figure 2.1: Front view of the Citizen Promaster Dive Eco-Drive Watch, showcasing the blue dial, luminous hands and markers, and the

distinctive red and blue rotating bezel.

Key Features:

- **Eco-Drive Technology:** Powered by light, eliminating the need for battery replacement.
- **ISO Certified:** Meets international standards for dive watches.
- **Water Resistance:** 200 meters (20 BAR) water resistance, suitable for professional marine activity and serious surface water sports.
- **Luminous Hands and Markers:** Enhanced visibility in low-light conditions.
- **Unidirectional Rotating Bezel:** Used for elapsed time measurement, particularly for dive times.
- **3-Hand Movement with Date:** Standard timekeeping and calendar function.
- **Durable Construction:** Silver-tone stainless steel case and water-resistant polyurethane strap.

3. SETUP AND INITIAL OPERATION

3.1 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 lamp) for several hours to ensure a full charge. The second hand will move in two-second intervals if the power reserve is low, indicating a need for charging.

3.2 Setting the Time

1. Unscrew the crown (if applicable) and pull it out to the second click position. The second hand will stop.
2. Rotate the crown to set the hour and minute hands. To ensure correct AM/PM setting, advance the hands past 12 o'clock; if the date changes, it is midnight (AM).
3. Push the crown back in to the normal position. If it was a screw-down crown, screw it back in securely to maintain water resistance.

3.3 Setting the Date

1. Unscrew the crown (if applicable) and pull it out to the first click position.
2. Rotate the crown to set the date. Avoid setting the date between 9:00 PM and 1:00 AM, as this may interfere with the automatic date change mechanism.
3. Push the crown back in to the normal position. If it was a screw-down crown, screw it back in securely.



Figure 3.1: Side view of the watch, illustrating the position of the crown for time and date adjustments.

4. OPERATING INSTRUCTIONS

4.1 Using the Rotating Bezel

The unidirectional rotating bezel is a critical feature for dive timing. It rotates only counter-clockwise to prevent accidental increases in elapsed time. To use:

1. Align the '0' mark on the bezel with the minute hand at the start of your dive or timed activity.
2. The minute hand will then indicate the elapsed time against the bezel's scale.

4.2 Water Resistance

This watch is ISO certified for diving and features 200 meters (20 BAR) of water resistance. Ensure the crown is fully pushed in and, if applicable, screwed down tightly before any contact with water to maintain its water resistance rating. Avoid operating the crown or pushers while the watch is submerged.



5. MAINTENANCE

5.1 Charging Your Eco-Drive Watch

To ensure continuous operation, expose your watch to light regularly. The power reserve can last for several months in total darkness when fully charged. However, consistent exposure to light is recommended to maintain optimal performance. Avoid prolonged storage in dark places.

5.2 Cleaning

After exposure to saltwater, chlorine, or dirt, rinse the watch thoroughly with fresh water and dry it with a soft cloth. This helps prevent corrosion and maintains the integrity of the watch and strap. For the rotating bezel, if it becomes stiff, rinsing it under running water while turning it can help dislodge debris and restore smooth operation.

5.3 Strap Care

The polyurethane strap is designed for durability and comfort. Clean it with mild soap and water. Avoid exposing the strap to harsh chemicals or extreme temperatures, which can degrade the material over time.



Figure 5.1: The watch being worn near a pool, highlighting its water-resistant design and suitability for various activities.

6. TROUBLESHOOTING

- **Watch Not Running or Second Hand Moving in Two-Second Intervals:** This indicates insufficient charge. Expose the watch to bright light for an extended period (several hours to a full day) until the second hand resumes normal one-second intervals.
- **Time/Date Not Changing:** Ensure the crown is fully pulled out to the correct position for adjustment. If the crown is a screw-down type, ensure it is unscrewed before pulling.
- **Stiff Rotating Bezel:** Rinse the watch, especially the bezel area, under fresh running water while rotating the bezel. This can help remove salt, sand, or other debris that may cause stiffness.
- **Condensation Inside Crystal:** If condensation appears and does not dissipate quickly, it may indicate a breach in water resistance. Contact Citizen customer support for inspection.

7. SPECIFICATIONS

Feature	Detail
Model Number	BN0168-06L
Movement	Eco-Drive (Solar Powered)
Water Resistance	200 meters (20 BAR), ISO Certified
Case Material	Stainless Steel
Strap Material	Polyurethane
Functions	3-Hand, Date, Luminous Hands/Markers, Unidirectional Rotating Bezel
Battery Type	1 Nonstandard Battery (rechargeable, included)
Package Dimensions	8.16 x 5.12 x 4.92 inches
Item Weight	1.43 Pounds





Figure 7.1: Example of the unique scuba tank packaging that may accompany the Citizen Promaster Dive Watch.

8. WARRANTY AND SUPPORT

Citizen watches are backed by a manufacturer's warranty. For specific warranty details, registration, or to locate an authorized service center, please refer to the warranty card included with your purchase or visit the official Citizen website. For technical assistance or service inquiries, contact Citizen customer support.

Note: Unauthorized repairs or modifications may void your warranty.

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