Garmin Xero C1 Pro

Garmin Xero C1 Pro Chronograph User Manual

Model: Xero C1 Pro

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1. Introduction

The Garmin Xero C1 Pro Chronograph is a compact, portable device designed for precise measurement of projectile speeds. It accurately captures velocities ranging from 100 fps to 5,000 fps, providing essential data for ballistic calculations across various shooting disciplines. Its versatile design accommodates a wide range of projectiles, including bullets, arrows, slugs, airsoft BBs, pellets, and paintballs.

The device features a user-friendly button-operated interface and offers compatibility with the Garmin ShotView smartphone app. This app allows users to effortlessly track shots, measure deviation, and access additional features, enhancing the overall shooting experience. Built to withstand environmental elements, the Xero C1 Pro Chronograph has an IPX7 water-resistant rating. Its rechargeable battery provides ample power for up to 2,000 shots or up to 6 hours of continuous use, ensuring reliable performance without interference from suppressed firearms or those with muzzle brakes or compensators. The non-intrusive design preserves firearm zero and barrel harmonics, contributing to consistent and accurate measurements.

2. What's in the Box

Verify that all items are present in your package:

- Garmin Xero C1 Pro Chronograph
- USB Charging Adapters (2000 Mah) White Cube
- 6Ave Microfiber Cleaning Cloth
- USB Car Adapter

- P-Bank Battery



Image: The Garmin Xero C1 Pro Chronograph displayed with all its bundled accessories, including charging adapters, microfiber cloth, car adapter, and power bank.

3. Setup

Follow these steps to set up your Garmin Xero C1 Pro Chronograph:

1. **Charge the Device:** Before initial use, ensure the chronograph's internal battery is fully charged using the provided USB charging adapters.
2. **Position the Chronograph:** Place the chronograph on a stable, level surface, such as the included tripod. Position it approximately 15 inches from the muzzle of your firearm or the point of projectile release. Ensure there is a clear line of sight for the radar to detect the projectile.
3. **Power On:** Press and hold the power button to turn on the device.
4. **Select Projectile Type:** Use the device's buttons to navigate the menu and select the appropriate projectile type (e.g., Bow, Rifle, Pistol, Airgun, Paintball, Shotgun) for your session. This ensures accurate measurement algorithms are applied.



Image: The chronograph's screen displaying options for selecting the projectile type, such as Bow, Rifle, and Pistol.



Image: The Garmin Xero C1 Pro Chronograph set up on its tripod, positioned beside a rifle on a shooting bench, ready for use.

Video: Official product video demonstrating the setup, operation, and key features of the Garmin Xero C1 Pro Chronograph, including its radar technology and ShotView app integration.

4. Operating Instructions

Once the chronograph is set up and powered on, operating it is straightforward:

1. **Initiate a Session:** After selecting your projectile type, the device is ready to record. Simply fire your projectile within the detection zone (approximately 15 inches from the device).
2. **View Readings:** Projectile speeds will be displayed immediately on the chronograph's screen. The display provides real-time feedback on each shot.
3. **Session Summary:** After multiple shots, the device can provide a session summary, including minimum, average, maximum, and standard deviation of recorded velocities.
4. **Using the ShotView App:**
    - Download the Garmin ShotView app to your smartphone.
    - Enable Bluetooth on your smartphone and pair it with your Xero C1 Pro Chronograph.
    - The app allows you to record data, track your shots, measure deviation, and manage your shooting sessions with detailed statistics.



Image: The chronograph's main display showing a current projectile speed reading in FPS, along with average, standard deviation, and maximum values.



Image: The chronograph's screen displaying a detailed session summary, including minimum, average, maximum, and extreme spread of projectile velocities.

5. Maintenance

To ensure the longevity and optimal performance of your Garmin Xero C1 Pro Chronograph, follow these maintenance guidelines:

- **Cleaning:** Use the provided 6Ave Microfiber Cleaning Cloth or a soft, lint-free cloth to gently wipe the device. Avoid abrasive cleaners or solvents.
- **Water Resistance:** The device has an IPX7 water-resistant rating, meaning it can withstand incidental exposure to water. However, it is not designed for continuous submersion. Dry the device thoroughly if it gets wet.
- **Battery Care:** Recharge the internal battery regularly. Avoid completely draining the battery for extended periods. Store the device in a cool, dry place when not in use.
- **Storage:** Store the chronograph and its accessories in a protective case to prevent damage from impacts or dust.

6. Troubleshooting

If you encounter issues with your Garmin Xero C1 Pro Chronograph, refer to the following common solutions:

- **Device Not Powering On:** Ensure the internal battery is sufficiently charged. Connect the device to a power source using the USB charging cable and allow it to charge for at least 30 minutes before attempting to power it on again.
- **Inconsistent or No Readings:**
  - Verify the chronograph is positioned correctly, approximately 15 inches from the muzzle, with a clear path for the projectile.
  - Check that the correct projectile type is selected in the device settings.
  - Ensure there are no obstructions between the projectile and the chronograph's radar.
  - Confirm the device firmware is up to date via the Garmin Express application on your computer.

- **ShotView App Connectivity Issues:**
  - Ensure Bluetooth is enabled on your smartphone and the chronograph.
  - Make sure the ShotView app is updated to the latest version.
  - Try unpairing and re-pairing the device with your smartphone.
  - Restart both your smartphone and the chronograph.
- **Short Battery Life:** Ensure the device is fully charged before each use. Extreme temperatures can affect battery performance. If battery life significantly degrades, contact Garmin support.

7. Specifications

Item Weight	1.15 pounds
Product Dimensions	2.38 x 1.36 x 3.03 inches
Item Model Number	010-02618-10_AG2
Batteries	1 Nonstandard Battery (included)
Display Size	2.2 Inches
Battery Life	Up to 6 Hours
Control Interface	Buttons
Special Feature	Measures projectile speeds from 100 fps to 5000 fps
Connectivity Technology	Bluetooth
Mounting Type	Handheld (with included tripod)

8. Warranty and Support

For detailed warranty information, product registration, and technical support, please visit the official Garmin website. You can also find FAQs, software updates, and contact information for customer service there.
Garmin Support Website: www.garmin.com/support

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Example: How do I reset this device or fix this error?

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