Garmin Xero C1 Pro

Garmin Xero C1 Pro Ballistic Precision Chronograph User Manual

INTRODUCTION

The Garmin Xero C1 Pro is a compact and versatile ballistic precision chronograph designed to accurately measure projectile speeds for various shooting disciplines. It provides essential data for ballistic calculations, enhancing precision and performance for users.

This device measures projectile speeds ranging from 100 feet per second (fps) to 5,000 fps. Its radar-based technology ensures reliable readings in diverse lighting and weather conditions, including indoors. The Xero C1 Pro is compatible with a wide range of projectiles, such as bullets, arrows, slugs, airsoft BBs, pellets, and paintballs.

The device features a user-friendly button-operated interface and can be paired with the ShotView smartphone app for seamless data tracking and management.

Image: The Garmin Xero C1 Pro Chronograph mounted on its included tripod, ready for use.

WHAT'S IN THE BOX

Upon unboxing your Garmin Xero C1 Pro Chronograph, you should find the following components:

- Garmin Xero C1 Pro Chronograph Unit
- USB Charging Adapters (2000 Mah)
- White Cube Power Adapter
- 6Ave Microfiber Cleaning Cloth
- USB Car Adapter
- P-Bank Battery
- 72 Inch Professional Heavy-Duty Aluminum Tripod

Image: The retail packaging for the Garmin Xero C1 Pro Chronograph, indicating the product and brand.

SETUP

Setting up your Xero C1 Pro Chronograph is designed to be straightforward. Follow these steps to prepare your device for use:

1. **Charge the Device:** Before initial use, ensure the device is fully charged using the provided USB charging adapters.

2. **Attach to Tripod:** Secure the Xero C1 Pro to the included 72-inch tripod. The device has a standard tripod mount at its base.

3. **Power On:** Press and hold the power button located on the device until the screen illuminates.

4. **Initial Configuration:** The device may prompt you to select a language and measurement units (e.g., FPS, MPS, MPH). Use the navigation buttons to make your selections.

5. **Pair with ShotView App (Optional):** To enhance data management, download the Garmin ShotView app on your smartphone. Follow the on-screen instructions on the chronograph to enable pairing mode

and scan the QR code displayed to connect your device.

6. **Positioning:** Place the chronograph near your firearm's muzzle, typically 5-15 inches from the barrel, ensuring it is aligned to capture projectile data.

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Video: This video demonstrates the basic setup of the Garmin Xero C1 Pro Chronograph, including powering on, navigating the menu, and viewing session data. It highlights the ease of use and the device's ability to log shots and send data to a smartphone app.

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Video: This video provides a quick guide on how to apply a screen protector and install the Garmin Xero C1 Pro Chronograph into a protective case, demonstrating how to secure the device and charge it without removal.

OPERATING INSTRUCTIONS

Once set up, the Xero C1 Pro is ready to measure projectile speeds. Its intuitive interface allows for easy operation.

1. **Start a New Session:** From the main menu, select "New Session" to begin recording data.

2. **Select Projectile Type:** Choose the appropriate projectile type (e.g., Bow, Rifle, Pistol, Air Rifle) from the menu to optimize measurement accuracy.

3. **Begin Shooting:** Once the session is active, fire your projectile. The chronograph will automatically detect and record the speed.

4. **Review Data:** After shooting, you can view a session summary directly on the device, including minimum, average, maximum, extreme spread, and standard deviation of velocities. A detailed shot list is also available.

5. **App Integration:** For comprehensive analysis, sync your session data with the ShotView app on your smartphone. The app allows you to track shots, measure deviation, and organize data by firearm, ammo type, or barrel length.

Image: The Garmin Xero C1 Pro Chronograph display showing the 'SELECT MODE' menu, with options for Bow, Rifle, Pistol, and Air Rifle.

Image: The Garmin Xero C1 Pro Chronograph display showing a 'SESSION SUMMARY' with minimum, average, maximum, extreme spread, and standard deviation of recorded shots.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Garmin Xero C1 Pro Chronograph.

- **Cleaning:** Use the provided microfiber cleaning cloth to gently wipe the screen and device exterior. Avoid abrasive cleaners or solvents.
- **Charging:** Recharge the internal battery as needed. The device offers up to 2,000 shots or 6 hours of continuous use per charge.

- **Storage:** Store the chronograph in a cool, dry place when not in use. Consider using a protective case to prevent damage during transport or storage.
- **Water Resistance:** The device has an IPX7 water-resistant rating, meaning it can withstand incidental exposure to water. However, it is not designed for prolonged submersion. Ensure the charging port cover is securely closed when not charging.

TROUBLESHOOTING

If you encounter issues with your Xero C1 Pro, consider the following common solutions:

- **No Readings:** Ensure the device is powered on, fully charged, and correctly positioned 5-15 inches from the muzzle. Verify that the selected projectile type matches your ammunition.
- **Inaccurate Readings:** Check the device's alignment with the projectile path. Environmental factors like extreme heat or cold can sometimes affect performance; allow the device to acclimate to ambient temperature.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on your smartphone and the ShotView app is updated to the latest version. Try restarting both the chronograph and your phone.
- **Battery Not Charging:** Verify that the USB cable and power adapter are securely connected and functioning correctly.

For persistent issues, refer to the full product manual or contact Garmin customer support.

SPECIFICATIONS

Feature	Specification
Item Weight	3.89 pounds
Product Dimensions	2.38 x 10 x 3.03 inches
Model Number	010-02618-10_AG2
Battery Life	Up to 6 hours (or 2,000 shots)
Voice Command	Buttons
Brand	Garmin
Special Feature	Projectile speeds from 100 fps to 5000 fps
Connectivity Technology	Bluetooth
Mounting Type	Handheld / Tripod
Water Resistance	IPX7

WARRANTY AND SUPPORT

The Garmin Xero C1 Pro Chronograph is covered by a manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the documentation included with your product or visit the official Garmin website. For technical support, service, or additional inquiries, please contact Garmin customer

service through their official channels.