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Monstrum Cyborg V2

Monstrum Cyborg 5X Prism Scope V2 Instruction Manual

Model: Cyborg V2 (PC5PB-BDC) | Brand: Monstrum

1. Introduction and Overview

The Monstrum Cyborg 5X Prism Scope V2 is a next-generation compact optical sight designed for precision and rapid target acquisition. It features a 5x magnification prism optic assembly, engineered to provide superior eye relief and a more forgiving eyebox compared to previous models. This manual provides detailed instructions for the proper setup, operation, and maintenance of your Monstrum Cyborg 5X Prism Scope V2.

Prism scopes offer distinct advantages over traditional red dot sights, particularly for shooters with astigmatism. Unlike red dots which project an image that can appear blurry, prism scope reticles are etched directly into the glass, resulting in a sharper, clearer image that is easier for the eye to focus on. Furthermore, etched reticles remain visible even without illumination, ensuring functionality in all conditions.

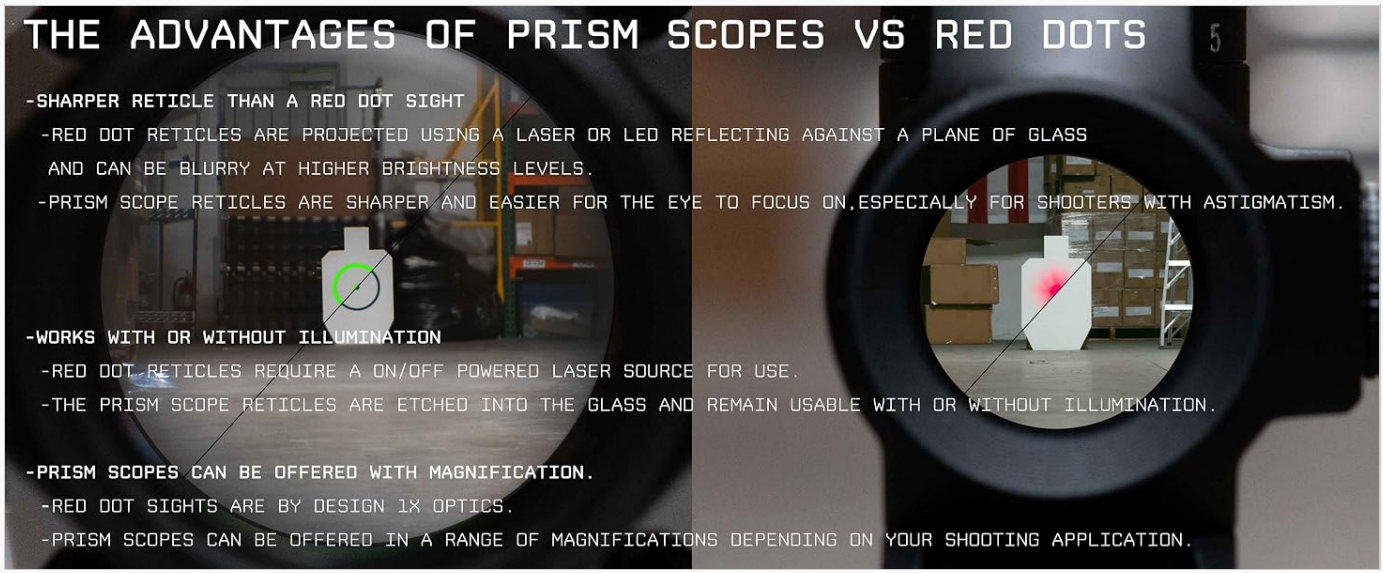


Image: Comparison illustrating the advantages of prism scopes, such as sharper reticles and functionality without illumination, over red dot sights.

2. Product Features

- **5x Magnification Prism Optic:** Provides clear, magnified views for enhanced target identification and precision at various ranges.
- **Redesigned Optic Assembly:** Offers superior eye relief and a more forgiving eyebox for comfortable and rapid target acquisition.
- **Etched Glass Reticle:** The reticle is etched directly into the glass, ensuring a crisp, distortion-free image, especially beneficial for users with astigmatism. The reticle remains visible even if the illumination is off or the battery is depleted.
- **Shake Awake Motion Sensing Illumination:** Automatically activates the illuminated reticle upon movement and deactivates it after ten minutes of inactivity to conserve battery life. The reticle instantly re-activates with any motion.
- **Illuminated BDC Reticle:** Features a Ballistic Drop Compensating (BDC) reticle with adjustable illumination for various lighting conditions.
- **Fully Multi-Coated Lenses:** Enhances light transmission, clarity, and color fidelity.
- **Integral Mount:** Designed with an integrated mounting system for secure attachment to compatible firearms.
- **Anti-Recoil Lugs:** Incorporated into the design to ensure stable mounting and resistance to recoil.



Image: Front-left view of the Monstrum Cyborg 5X Prism Scope V2.



Image: Top view highlighting the electronic controls for illumination adjustment.



Image: Close-up of the fully multi-coated objective lens.



Image: Underside view displaying the anti-recoil lugs for secure mounting.

3. Setup

3.1 Mounting the Scope

The Monstrum Cyborg 5X Prism Scope V2 features an integral mount designed for Picatinny rails. Ensure your firearm has a compatible rail system before proceeding.

1. Identify the optimal mounting position on your firearm's Picatinny rail. This is typically where you achieve proper eye relief (the distance between your eye and the eyepiece) when shouldering the firearm.
2. Loosen the mounting screws on the integral mount.
3. Place the scope onto the Picatinny rail, ensuring the recoil lugs are properly seated in a rail slot.
4. Slide the scope forward into the rail slot to ensure a tight fit against the recoil lugs.

5. Tighten the mounting screws evenly and securely. Do not overtighten, as this can damage the rail or the mount. Refer to your firearm's manual for recommended torque specifications if available.

3.2 Initial Zeroing

After mounting, the scope will need to be zeroed to your firearm and ammunition. This process typically involves firing at a target at a known distance (e.g., 50 or 100 yards) and adjusting the scope's windage and elevation turrets until the point of impact matches the point of aim.

- Use a stable shooting rest or bench.
- Fire a group of shots (e.g., 3-5 rounds) at your target.
- Observe the point of impact relative to your aim point.
- Adjust the windage and elevation turrets as needed. Each click of the turret will move the point of impact by a specified amount (e.g., 1/2 MOA or 1/4 MOA). Turn the turrets in the direction indicated to move the point of impact towards your aim point.
- Repeat the process until your shots consistently hit the desired aim point.

4. Operating Instructions

4.1 Illumination Controls

The Monstrum Cyborg 5X Prism Scope V2 features an illuminated BDC reticle with Shake Awake technology. The illumination is controlled by two buttons located on the top of the scope: a '+' button for increasing brightness and a '-' button for decreasing brightness.



Image: Electronic controls for illumination adjustment.

- **Turning On/Off:** Press and hold either the '+' or '-' button for approximately 3 seconds to turn the illumination on or off.
- **Adjusting Brightness:** Briefly press the '+' button to increase brightness or the '-' button to decrease brightness. There are multiple brightness settings to accommodate various lighting conditions.
- **Shake Awake Feature:** Once the illumination is activated, the Shake Awake mode is engaged. The reticle illumination will automatically shut off after approximately ten minutes of no movement. Any subsequent movement of the scope will instantly re-activate the illumination to the last used brightness setting. This feature helps conserve battery life.

4.2 Windage and Elevation Adjustments

The scope features capped windage and elevation turrets. These turrets are used to adjust the point of impact of your shots.

1. Remove the protective caps from the windage (side) and elevation (top) turrets.

2. Use a coin or flathead screwdriver to turn the adjustment dial.
3. Each click of the turret moves the point of impact by a precise amount (refer to specifications for click value).
4. Turn the elevation turret clockwise to move the point of impact down, and counter-clockwise to move it up.
5. Turn the windage turret clockwise to move the point of impact right, and counter-clockwise to move it left.
6. After making adjustments, replace the protective caps to prevent accidental changes and protect the turrets from debris.

4.3 BDC Reticle Usage

The Ballistic Drop Compensating (BDC) reticle is designed to provide holdover points for various distances, allowing for quick adjustments without manipulating the elevation turret. Familiarize yourself with the specific BDC pattern and its corresponding ranges for your chosen ammunition and firearm. It is recommended to practice at a range to confirm the BDC holdovers for your setup.



Image: Example of a BDC reticle pattern. Actual reticle may vary slightly.

5. Maintenance

Proper maintenance will ensure the longevity and optimal performance of your Monstrum Cyborg 5X Prism Scope V2.

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe away dust and debris. For stubborn smudges, use a small amount of lens cleaning solution applied to the cloth, not directly to the lens. Avoid using harsh chemicals or abrasive materials.
- **Cleaning Body:** Wipe the exterior of the scope with a damp cloth to remove dirt and grime. Dry thoroughly.
- **Battery Replacement:** If the illumination becomes dim or stops working, replace the battery. Refer to the specifications for the correct battery type. To replace, unscrew the battery cap, remove the old battery, insert the new battery with the correct polarity, and securely replace the cap.
- **Storage:** Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided protective caps to cover the lenses when not in use.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Reticle appears blurry or distorted.	Astigmatism in the user's eye; improper focus.	Prism scopes are generally clearer for astigmatism. Ensure the diopter adjustment (if present, typically on the eyepiece) is set correctly for your eye. If blur persists, consult an optometrist.
Illumination not working.	Battery depleted; incorrect battery insertion; illumination turned off.	Replace battery with a fresh one, ensuring correct polarity. Press and hold the '+' or '-' button for 3 seconds to turn on illumination. Check if Shake Awake is active.
Point of impact shifts.	Loose mounting screws; damaged scope; recoil.	Check and tighten mounting screws. Ensure recoil lugs are properly seated. If problem persists, contact Monstrum support.

7. Specifications

Feature	Detail
Brand	Monstrum
Model Name	Cyborg V2
Model Number	PC5PB-BDC
Magnification	5x
Reticle Type	Illuminated BDC (Etched Glass)
Illumination	Shake Awake Motion Sensing
Lens Coating	Fully Multi-Coated
Mounting Type	Integral Mount (Picatinny)
Color	Black
Compatible Devices	Rifle
UPC	810088818073
Item Package Dimensions	7.91 x 5.39 x 3.31 inches
Package Weight	0.54 Kilograms

8. Warranty and Support

All Monstrum products are backed by a full lifetime warranty. For warranty claims, technical support, or additional product information, please visit the official Monstrum store or contact their customer service directly.
Visit the Monstrum Store: Monstrum Tactical Store on Amazon

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