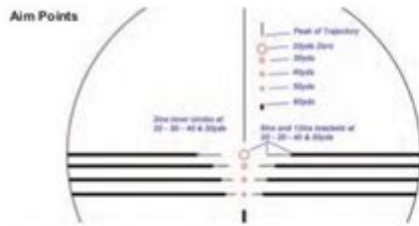


Cross 3x32 Crossbow Scope Manual



Ballistic Reticle Calculator Software and the 3x32 reticle

The 3x32 SR IR reticle is included in the free Hawke BRC software. This software is available for PC, MAC and iPhone. It can be downloaded from www.hawkeoptics.com or the AppStore. The software allows the user to determine the aim points when shooting crossbows with speeds different to 315fps.



Maintaining your scope:

Your scope is a precision instrument that deserves a high level of care. Do not attempt to disassemble or clean the scope internally.

Keep the protective lens covers in place when the scope is not in use.

The external optical surfaces should be wiped clean occasionally with the lens cloth provided or an optical quality lens paper. Remove any external dirt or sand with high pressure air and a soft brush to avoid scratching the lens finish.

Wipe the scope with a damp cloth, then with a dry cloth, then go over the metal section of the scope with a silicone cloth in order to protect the scope against corrosion.

Always store the scope in a moisture-free environment. Avoid storing the scope in places such as the passenger compartments of vehicles on hot days as the high temperatures could adversely affect the lubricants and sealants. Never leave the scope where direct sunlight can enter either the objective or the eyepiece lens as damage may result from the concentration (burning effect) of the sun's rays.

WARNING: UNNECESSARY RUBBING OR USE OF A COARSE CLOTH MAY CAUSE PERMANENT DAMAGE TO LENS COATINGS

Hawke is a registered trademark. 3x32 reticles are © Hawke Sport Optics

Congratulations on the purchase of your new HAWKE Crossbow scope.

Your new scope is a high performance optical product designed to give years of service.

Please read these instructions carefully before use.



3x32 SR IR

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www.hawkeoptics.com

Hawke Sport Optics LLC, 6015 HighView Drive, Fort Wayne, Indiana 46818

Cross 3x32 Crossbow Scope Manual: The Cross 3x32 crossbow scope is an essential tool for enhancing the accuracy and precision of your crossbow shooting experience. Designed with hunters and target shooters in mind, this scope combines durability, ease of use, and clarity that ensures you can hit your target consistently. In this comprehensive manual, we will explore the features, installation process, adjustments, maintenance tips, and troubleshooting strategies for your Cross 3x32 crossbow scope.

Features of the Cross 3x32 Crossbow Scope

The Cross 3x32 crossbow scope boasts several key features that make it a preferred choice among archers:

1. Magnification and Objective Lens

- **Magnification:** The 3x magnification allows for a clear view at varying distances, providing a balance between a wide field of view and the ability to focus on distant targets.
- **Objective Lens:** The 32mm diameter objective lens ensures maximum light transmission, yielding bright and clear images even in low-light conditions.

2. Reticle Design

- **Crosshair Reticle:** The scope features a simple crosshair reticle, which

aids in quick target acquisition and precise aiming.

- Illuminated Options: Some models come with illuminated reticles, which can be adjusted for brightness, enhancing visibility in different lighting conditions.

3. Durability and Weather Resistance

- Construction: The scope is made from high-quality materials that provide shock resistance and long-lasting durability.
- Waterproof and Fog-proof: Sealed with O-rings, the scope is waterproof and fog-proof, allowing for reliable performance in various weather conditions.

4. Easy Adjustments

- Windage and Elevation Adjustments: The scope comes with easy-to-use windage and elevation turrets, allowing for quick and precise adjustments.
- Resettable Turrets: Resetting the turrets to zero is straightforward, enhancing the user experience.

Installation of the Cross 3x32 Crossbow Scope

Proper installation of the Cross 3x32 crossbow scope is crucial for optimal performance. Follow these steps to install your scope correctly:

1. Gather Necessary Tools

- Crossbow
- Crossbow scope
- Mounting rings and base (usually included)
- Phillips screwdriver
- Leveling tool (optional)

2. Mounting the Base

- Select the Mounting Location: Choose a mounting location on your crossbow that allows for a comfortable shooting position.
- Attach the Base: Using the Phillips screwdriver, secure the base of the scope to the crossbow, ensuring it is firm and stable.

3. Attach the Scope to the Rings

- Insert the Scope: Place the scope into the mounting rings.
- Level the Scope: Use a leveling tool to ensure the scope is perfectly level. This is vital for accurate shooting.

- Tighten the Rings: Secure the rings without overtightening, which could damage the scope.

Adjusting the Cross 3x32 Crossbow Scope

Once the scope is installed, it is important to adjust it to suit your shooting style and preferences:

1. Eye Relief Adjustment

- Find the Right Position: Place your eye at a comfortable distance from the ocular lens to avoid recoil injuries.
- Adjust the Scope: Slide the scope within the rings to achieve the desired eye relief.

2. Windage and Elevation Adjustments

- Understanding the Adjustments: Windage controls left and right adjustments, while elevation controls up and down.
- Making Adjustments: Use a coin or screwdriver to turn the turrets. Each click usually corresponds to 1/4 MOA (Minute of Angle).

3. Sight-In the Scope

- Set Up a Target: Place a target at a distance (typically 20-30 yards).
- Fire a Group: Take a few shots to see where your arrows impact.
- Make Adjustments: Based on your groupings, adjust the windage and elevation until your shots hit the target center.

Maintaining Your Cross 3x32 Crossbow Scope

Maintaining your scope is essential for ensuring its longevity and performance. Here are some effective maintenance tips:

1. Regular Cleaning

- Use a Soft Cloth: Clean the lenses with a soft, lint-free cloth to avoid scratches.
- Avoid Harsh Chemicals: Use lens cleaning solutions specifically designed for optics.

2. Check Mounting Stability

- Regularly Inspect Screws:** Ensure that all screws and mounts are tight and secure. Loose screws can affect accuracy.
- Inspect for Damage:** Periodically check for any signs of wear or damage to the scope and mounts.

3. Store Properly

- Use a Scope Cover:** When not in use, keep the scope covered to protect it from dust and scratches.
- Store in a Dry Place:** Avoid storing the crossbow in damp areas to prevent internal fogging.

Troubleshooting Common Issues

Even with proper use and care, you may encounter some common issues with your Cross 3x32 crossbow scope. Here's how to troubleshoot them:

1. Blurry Images

- Check the Lens:** Ensure the lenses are clean and free of smudges.
- Adjust Focus:** Use the eyepiece focus adjustment if your model has one.

2. Inconsistent Shots

- Check Mounting:** Ensure that the scope is securely

mounted and not loose.

- **Verify Sight-in:** Confirm that the scope is properly sighted in; you may need to readjust windage and elevation.

3. Reticle Issues

- **Illumination Failure:** If the illuminated reticle is not functioning, check the battery (if applicable) or fuses.

- **Misalignment:** If the reticle appears misaligned, you may need to loosen and realign the scope.

Conclusion

The Cross 3x32 crossbow scope is a reliable and efficient tool that significantly enhances the shooting experience for crossbow users. By understanding its features, properly installing it, making necessary adjustments, and conducting regular maintenance, you can ensure that your scope performs optimally for many seasons to come. Troubleshooting common issues will help you maintain accuracy and extend the life of your equipment. Whether you are hunting or target shooting, the Cross 3x32 crossbow scope is an invaluable addition to your gear.

Frequently Asked Questions

What is the primary function of a 3x32 crossbow scope?

The primary function of a 3x32 crossbow scope is to provide magnification and improve accuracy when aiming at targets, allowing for better precision in shooting.

How do you properly mount a 3x32 crossbow scope?

To properly mount a 3x32 crossbow scope, align the scope with the mounting rings on the crossbow, secure it with screws, and ensure it is level before tightening to prevent shifting during use.

What are the key adjustments available on a typical 3x32 crossbow scope?

A typical 3x32 crossbow scope usually features windage and elevation adjustments, allowing users to fine-tune the aim for both horizontal and vertical alignment.

How do you zero in a 3x32 crossbow scope?

To zero in a 3x32 crossbow scope, shoot at a target from a fixed distance, adjust the windage and elevation settings based on where the shots land, and repeat until the point of aim matches the point of impact.

What maintenance is recommended for a 3x32 crossbow scope?

Recommended maintenance for a 3x32 crossbow scope includes regularly checking for loose screws, cleaning the lenses with a soft cloth, and storing the scope in a protective case to prevent damage.

Can a 3x32 crossbow scope be used in low-light conditions?

Many 3x32 crossbow scopes come with illuminated reticles or are designed with light-gathering optics to enhance visibility in low-light conditions, making them suitable for early morning or late evening hunts.

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