Konus 7182

KonusPro M30 Riflescope User Manual

Model: 7182

Introduction

This manual provides comprehensive instructions for the proper use, setup, maintenance, and troubleshooting of your KonusPro M30 1x-6x24mm Riflescope. The KonusPro M30 is designed for precision and durability, featuring a 1x-6x24mm optical system with a blue and red illuminated, laser-engraved reticle. Please read this manual thoroughly before operating the riflescope to ensure safe and optimal performance.

Safety Information

Always handle firearms and optical equipment with extreme care. Adhere to all local and national firearm safety regulations. Never look directly at the sun or any intense light source through the riflescope, as this can cause permanent eye damage.
Proposition 65 Warning: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Ensure the firearm is unloaded and safe before mounting or adjusting the riflescope.
- Keep the riflescope away from extreme temperatures and harsh chemicals.
- Store the riflescope in a secure location, out of reach of children.

Components Overview



Figure 1: KonusPro M30 Riflescope. This image displays the full riflescope, showing the objective lens, ocular lens, magnification ring, and turrets.

The KonusPro M30 Riflescope consists of several key components:

- **Objective Lens:** The front lens of the riflescope, which gathers light. (24mm diameter)
- **Ocular Lens (Eyepiece):** The lens closest to the user's eye.
- **Magnification Ring:** Used to adjust the magnification from 1x to 6x.
- **Windage Turret:** Adjusts the reticle horizontally (left/right).
- **Elevation Turret:** Adjusts the reticle vertically (up/down).
- **Illumination Rheostat:** Controls the brightness and color (blue/red) of the reticle illumination.
- **Diopter Adjustment Ring:** Located on the ocular lens, used to fine-tune focus for individual eyesight.
- **Reticle:** The aiming pattern visible through the scope. This model features an etched German post reticle with an illuminated circle and center dot.

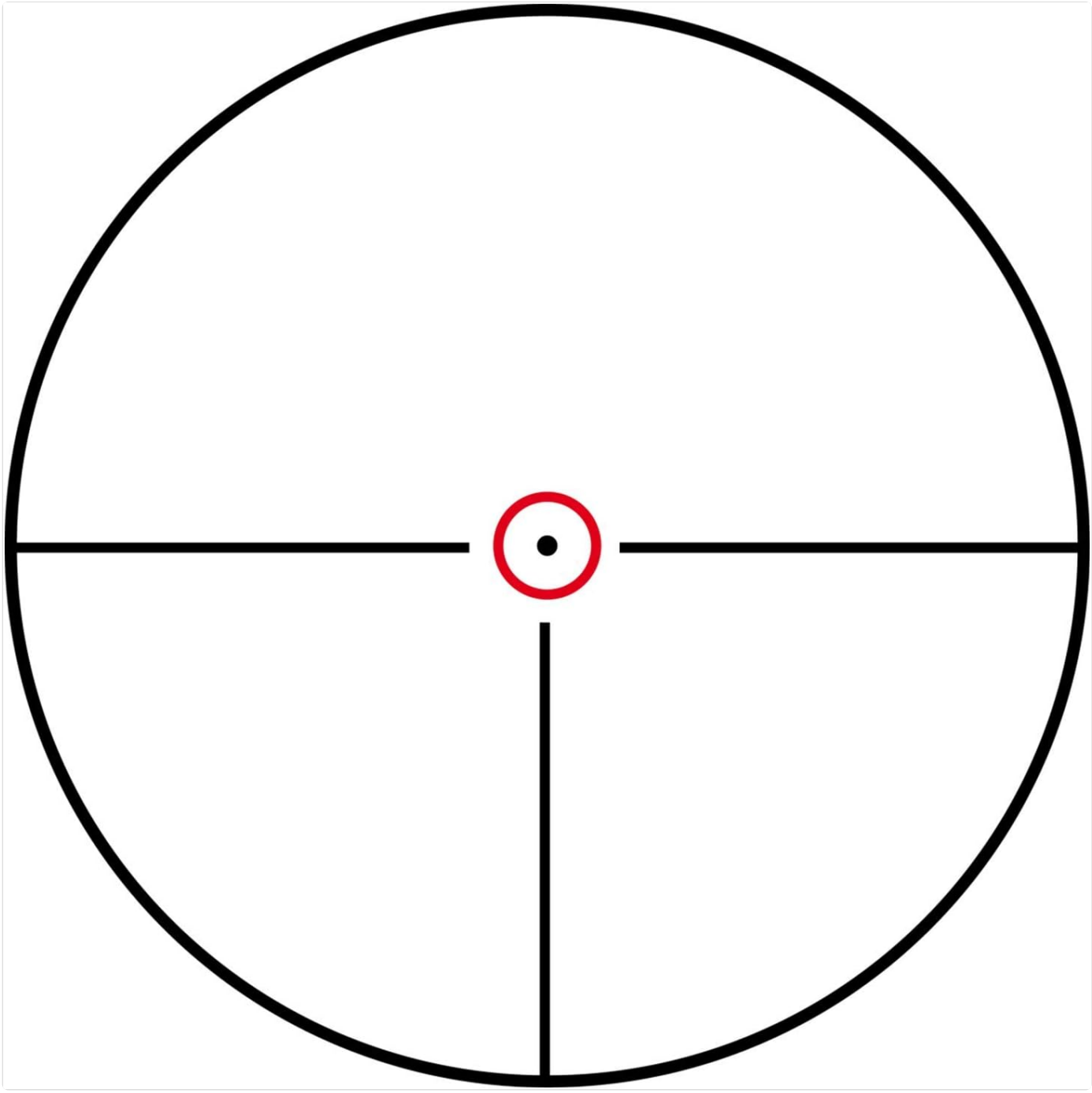


Figure 2: KonusPro M30 Reticle. This image shows the etched German post reticle with the illuminated center dot and circle, as seen through the riflescope.

Setup

Mounting the Riflescope

The KonusPro M30 is designed for Weaver Mount systems. Proper mounting is crucial for accuracy and consistent performance.

1. Ensure the firearm is unloaded and pointed in a safe direction.
2. Attach appropriate 30mm scope rings (not included) to your firearm's Weaver-style base.
3. Place the riflescope into the lower halves of the rings.
4. Position the riflescope for proper eye relief. This is the distance between your eye and the ocular lens when the scope is mounted. Adjust until you see a full, clear image without any black rings (vignetting).
5. Ensure the reticle is level. Use a reticle leveling tool or a plumb bob to align the vertical crosshair with the firearm's bore.
6. Attach the upper halves of the rings and tighten the screws evenly, following the torque specifications provided by your ring manufacturer. Do not overtighten.

Zeroing the Riflescope

Zeroing is the process of aligning the riflescope's point of aim with the firearm's point of impact at a specific distance.

1. Set up a target at a known distance (e.g., 25 or 50 yards).
2. Fire a group of three shots, aiming at the center of the target.
3. Observe the point of impact relative to your aim point.
4. Adjust the windage and elevation turrets. Each click of the turret moves the point of impact by a specific amount (e.g., 1/4 MOA). Turn the turrets in the direction indicated to move the point of impact towards your aim point.
5. Repeat firing and adjusting until your shots consistently hit the center of the target.
6. Once zeroed, you can reset the turrets to "0" by loosening the outer caps, rotating the numbered ring to zero, and then re-tightening the caps. This allows for easy return to your zero setting after making field adjustments.

Operating the Riflescope

Magnification Adjustment

Rotate the magnification ring, located near the ocular lens, to adjust the zoom level from 1x to 6x. Turn clockwise for higher magnification and counter-clockwise for lower magnification.

Reticle Illumination

The KonusPro M30 features an illuminated reticle with blue and red options. The illumination rheostat is typically located on the left side of the riflescope body.

- Rotate the rheostat dial to turn the illumination on and select the desired brightness level.
- The dial will have settings for both red and blue illumination, with multiple brightness levels for each.
- To change the battery, unscrew the battery cap on the rheostat. This scope uses a standard button cell battery (e.g., CR2032).
- Always turn off the illumination when not in use to conserve battery life.

Diopter Adjustment

The diopter adjustment ring allows you to fine-tune the focus of the reticle to your individual eyesight, ensuring the reticle appears sharp and clear.

1. Point the riflescope at a plain, bright background (e.g., a clear sky or a blank wall).
2. Look through the scope and quickly glance away.
3. While quickly glancing back, adjust the diopter ring until the reticle appears perfectly sharp and crisp the instant you look through the scope.
4. Once set, this adjustment typically does not need to be changed unless a different user operates the scope.

Maintenance

Proper maintenance will extend the life and performance of your KonusPro M30 Riflescope.

- **Cleaning Lenses:** Use a soft, lint-free cloth or a lens brush to remove dust and loose debris. For smudges or fingerprints, use a specialized lens cleaning solution and a clean optical cloth. Avoid using harsh chemicals or abrasive materials.
- **Cleaning Body:** Wipe the riflescope body with a soft, damp cloth. Do not use solvents.
- **Storage:** Store the riflescope in a cool, dry place, preferably in its original packaging or a protective case. Avoid areas with high humidity or extreme temperature fluctuations.
- **Water and Fog Proofing:** The KonusPro M30 is designed to be water and fog proof. However, avoid submerging the scope in water. If it gets wet, wipe it dry immediately.
- **Battery Replacement:** Replace the reticle illumination battery (CR2032) as needed. Ensure proper polarity when inserting the new battery.

Troubleshooting

Problem	Possible Cause	Solution
Blurred image or reticle	Improper diopter adjustment; dirty lenses; parallax error (less common on 1-6x scopes)	Adjust diopter ring; clean lenses; ensure proper eye relief.
Reticle illumination not working	Dead battery; incorrect battery insertion; rheostat turned off	Replace battery (CR2032); check battery polarity; turn rheostat dial to an "ON" setting.
Inconsistent point of impact (POI)	Loose mounting rings; damaged scope; improper shooting technique	Check and tighten mounting rings; inspect scope for damage; review shooting fundamentals.
Cannot zero the scope	Mounting issues; scope damage; insufficient adjustment range	Verify scope is mounted correctly and securely; contact Konus support if suspected damage.

Specifications

Model Name	KonusPro M30 (7182)
Magnification	1x - 6x
Objective Lens Diameter	24 mm
Reticle Type	Etched German Post with Illuminated Circle and Center Dot
Reticle Illumination	Blue and Red, Multiple Brightness Levels
Field of View (at 1x)	109 feet
Tube Diameter	30 mm
Item Weight	17.1 oz
Length	9.2 inches (compact)
Mounting Type	Weaver Mount Compatible
Waterproof/Fogproof	Yes

Night Vision Compatible	Yes
UPC	698156071823

Warranty and Support

The KonusPro M30 Riflescope comes with a **2-Year Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any inquiries regarding your riflescope, please contact Konus customer service directly. Refer to the official Konus website or product packaging for the most current contact information.
Online Resources: For additional information, FAQs, or product registration, visit the official Konus website.

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