AIM Sports JLB3940G

AIM SPORTS 3-9X40 P4 Sniper Scope Instruction Manual

Model: JLB3940G

Introduction

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your AIM SPORTS 3-9X40 P4 Sniper Scope. Please read this manual thoroughly before using your scope to ensure safe and effective operation and to maximize its performance and longevity.

1. Setup

1.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the scope and included accessories for any signs of damage. The package should contain the 3-9X40 P4 Sniper Scope, flip-up lens covers, and mounting rings.

1.2 Mounting the Scope

The AIM SPORTS 3-9X40 P4 Sniper Scope comes with mounting rings designed for Weaver/Picatinny style rails. Ensure your firearm has a compatible rail system.

1. Attach the bottom halves of the mounting rings to your firearm's rail, ensuring they are spaced appropriately for the scope's tube.
2. Place the scope into the bottom halves of the rings.
3. Attach the top halves of the rings, securing them loosely.
4. Adjust the scope's position for optimal eye relief (see section 1.3).
5. Ensure the reticle is level.
6. Tighten the ring screws evenly and securely, but do not overtighten.



Image 1: AIM SPORTS 3-9X40 P4 Sniper Scope with included mounting rings. The scope features a black finish and flip-up lens covers.

1.3 Adjusting Eye Relief

Eye relief is the distance between your eye and the eyepiece lens that provides a full, clear field of view. With the scope mounted loosely, shoulder your firearm in your natural shooting position. Slide the scope forward or backward in the rings until you achieve a full, clear image without any dark crescent shapes (known as "scope shadow") around the edges. Once the optimal eye relief is found, tighten the mounting rings as described in section 1.2.

1.4 Focusing the Reticle

To ensure a sharp reticle image, point the scope at a plain, bright background (like a clear sky) and quickly glance through the eyepiece. Adjust the diopter ring (located at the rear of the eyepiece) until the reticle appears crisp and sharp. Avoid staring through the scope for too long during this adjustment, as your eye may compensate for blurriness.

1.5 Zeroing the Scope

Zeroing the scope involves adjusting the point of impact to match your point of aim. This process typically requires shooting at a target at a known distance.

1. Remove the protective caps from the windage (side) and elevation (top) adjustment turrets.
2. Fire a group of shots at your target.
3. Observe the point of impact relative to your aim point.
4. Adjust the turrets:
    - To move the point of impact UP, turn the elevation turret counter-clockwise.
    - To move the point of impact DOWN, turn the elevation turret clockwise.
    - To move the point of impact RIGHT, turn the windage turret counter-clockwise.

- To move the point of impact LEFT, turn the windage turret clockwise.

  Each click of the turret will shift the point of impact by a specific amount at a given distance. Refer to the scope's specifications for click values.

5. Repeat firing and adjusting until your point of impact matches your point of aim.
6. Replace the protective caps on the turrets.

2. Operating

2.1 Magnification Adjustment

The AIM SPORTS 3-9X40 P4 Sniper Scope offers variable magnification from 3x to 9x. To adjust the magnification, rotate the power ring located near the eyepiece. Turn it clockwise to increase magnification and counter-clockwise to decrease it. Adjust to the desired magnification level for your target distance and shooting conditions.

2.2 Using the P4 Crosshair Reticle

The scope features a P4 style crosshair reticle. This type of reticle provides precise aiming points. Familiarize yourself with the specific markings and their subtensions (the angular size they represent at a given distance) to effectively estimate range and holdovers for bullet drop or windage, if applicable. Practice at various distances to understand its capabilities.

2.3 Flip-Up Lens Covers

The included flip-up lens covers protect the objective and eyepiece lenses from dust, dirt, and scratches when the scope is not in use. Flip them open before operation and close them securely afterward.

3. Maintenance

3.1 Cleaning the Lenses

To clean the lenses, first use a soft brush or compressed air to remove any loose dust or debris. Then, use a clean, soft microfiber cloth specifically designed for optics, along with a lens cleaning solution, to gently wipe the lens surfaces. Avoid using harsh chemicals or abrasive materials, as these can damage the lens coatings.

3.2 General Care and Storage

Keep the scope protected from extreme temperatures, humidity, and direct impacts. When not in use, store the scope with the lens covers closed in a protective case or a dry, cool environment. Regularly check all mounting screws for tightness to ensure the scope remains securely attached and holds its zero.

4. Troubleshooting

- **Blurry Image:**
  - Adjust the diopter ring for reticle focus (Section 1.4).
  - Ensure proper eye relief (Section 1.3).
  - Clean the lenses if they are dirty (Section 3.1).
- **Reticle Not Holding Zero:**
  - Check if the mounting rings are securely tightened (Section 1.2).
  - Ensure the scope is properly mounted and not shifting.
  - Verify that the windage and elevation turret caps are securely replaced after zeroing.

- **Stiff Adjustment Turrets:**
  - Some turrets may require a coin or tool for adjustment. Apply firm, steady pressure.
  - If excessively stiff or gritty, contact customer support.

5. Specifications

Feature	Specification
Model	JLB3940G
Magnification	3-9x Variable
Objective Lens Diameter	40 mm
Tube Diameter	1 inch
Length	12.75 inches
Weight	1 pound
Reticle Type	P4 Crosshair
Mounting Type	Weaver/Picatinny (Rings Included)
Color	Black

6. Warranty and Support

For information regarding product warranty, returns, or technical support, please contact AIM Sports directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

Important Legal Disclaimer

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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