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Simmons SIM251040

Simmons 2.5-10x40 Protarget Rifle Scope Instruction Manual

Brand: Simmons | Model: SIM251040

INTRODUCTION

The Simmons Protarget 2.5-10x40 rifle scope is engineered to provide reliable performance for hunting and shooting applications. This scope features exposed mil turrets for precise adjustments, a mil-dot reticle for accurate holdovers, and fully-coated lenses for clear, bright images. Designed to be waterproof, fogproof, and shockproof, it ensures durability in various environmental conditions. This manual provides essential information for the proper setup, operation, and maintenance of your Protarget rifle scope.

Key features include:

- Exposed mil turrets for quick, in-field adjustments.
- Mil-dot reticle provides simple windage and elevation holdover.
- 30mm rings included for easy, out-of-box setup (medium rings for 40mm objective; high rings for 44mm objective).
- Flip-up scope caps included for superior lens protection.
- Waterproof, fogproof, and shockproof for the utmost in reliability and durability.

SETUP AND MOUNTING

Proper mounting is crucial for the accuracy and performance of your rifle scope. The Simmons Protarget scope comes with 30mm rings for convenient installation.



Image: The Simmons 2.5-10x40 Protarjet Rifle Scope, showcasing its main body, adjustment turrets, objective lens with flip-up cap, eyepiece with flip-up cap, and the included mounting rings. The scope is black with red accents on the turrets.

1. **Ring Selection:** Use the appropriate 30mm rings provided. Medium rings are suitable for 40mm objective lenses, while high rings are recommended for 44mm objective lenses to ensure proper clearance.
2. **Mounting Position:** Position the scope on your firearm's rail or base, ensuring proper eye relief. Eye relief is the distance between your eye and the eyepiece lens when the full field of view is visible. This is typically around 3.5 inches for this model.
3. **Secure Rings:** Loosely attach the scope rings to the firearm's mounting base. Place the scope into the bottom halves of the rings.
4. **Leveling:** Ensure the reticle is level with the firearm. This can be done using a scope leveling kit or by carefully aligning the vertical crosshair with a plumb line.
5. **Tighten Rings:** Once positioned and leveled, tighten the ring screws evenly and gradually to secure the scope. Refer to your firearm's manual or ring manufacturer's recommendations for torque specifications. Avoid over-tightening, which can damage the scope tube.
6. **Flip-up Caps:** Attach the included flip-up scope caps to the objective and eyepiece lenses for protection. These caps can be quickly flipped open when ready to use.

OPERATING YOUR SCOPE

Magnification Adjustment

The Simmons Protarjet scope features a variable magnification range of 2.5x to 10x. 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 your desired level for target acquisition or precise shot placement.

Windage and Elevation Adjustments

Your scope is equipped with exposed mil turrets for precise windage (horizontal) and elevation (vertical) adjustments. These turrets allow for quick, tool-free adjustments in the field.

- **Elevation Turret:** Located on top of the scope. Turning it typically adjusts the point of impact vertically. To raise the point of impact, turn the turret in the direction indicated for "UP".
- **Windage Turret:** Located on the right side of the scope. Turning it typically adjusts the point of impact horizontally. To move the point of impact to the right, turn the turret in the direction indicated for "RIGHT".

Each click of the turret corresponds to a specific change in the point of impact at a given distance. Consult the markings on your turrets for the exact click value (e.g., 1/4 MOA or 0.1 Mil). After making adjustments, it is recommended to shoot a test group to verify the changes.

Mil-Dot Reticle

The mil-dot reticle provides reference points for estimating range and applying holdovers for bullet drop and wind drift. Familiarize yourself with the mil-dot system to effectively utilize this feature for precise shooting at varying distances.

MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Simmons Protarget scope.

- **Lens Cleaning:** Use a soft, clean lens cloth or a lens brush to remove dust and loose debris from the lenses. For smudges or fingerprints, use a specialized lens cleaning solution and a clean microfiber cloth. Avoid using harsh chemicals or abrasive materials, which can damage the lens coatings.
- **Body Cleaning:** Wipe the scope body with a damp cloth to remove dirt and grime. Dry thoroughly with a clean, soft cloth.
- **Storage:** Store the scope in a cool, dry place, preferably in its original packaging or a protective case. Ensure the flip-up caps are closed to protect the lenses from dust and scratches.
- **Waterproof/Fogproof Care:** While the scope is waterproof and fogproof, avoid unnecessary submersion. If the scope gets wet, wipe it dry as soon as possible. Do not attempt to disassemble the scope, as this will compromise its waterproof and fogproof integrity and void the warranty.

TROUBLESHOOTING

If you encounter issues with your Simmons Protarget scope, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Scope does not hold zero.	Improperly mounted rings or base. Loose scope components. Recoil from firearm.	Ensure all mounting screws are tightened to manufacturer specifications. Check for any loose parts on the scope itself. Verify the scope is rated for the recoil of your firearm.
Image is blurry or unclear.	Dirty lenses. Improper focus adjustment.	Clean lenses using appropriate methods (see Maintenance section). Adjust the eyepiece focus (diopter) until the reticle is sharp.

Problem	Possible Cause	Solution
Adjustments seem to move point of impact in the opposite direction.	Misunderstanding of adjustment mechanics.	Scope adjustments move the <i>reticle</i> in relation to the point of impact. For example, if you want the point of impact to move UP, you turn the elevation turret in the direction marked "UP". This moves the reticle DOWN relative to the barrel, requiring you to raise the barrel to align the reticle with the target, thus raising the point of impact.

SPECIFICATIONS

Brand	Simmons
Model Name	Simmons 2.5-10x40 ProTarget Black FC WP/FP T Turrets
Model Number	SIM251040
Magnification	2.5x - 10x
Objective Lens Diameter	40 Millimeters
Eye Relief	3.5 Inches
Reticle Type	Mil-dot
Color	Multi (Black)
Material	Blend
Item Weight	1 Pound
Mounting Type	Picatinny Mount (with included rings)
Included Components	Riflescope, Instructions, 30mm Rings, Flip-up Scope Caps
Waterproof/Fogproof/Shockproof	Yes

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the documentation included with your product or visit the official Simmons website. Warranty terms and conditions may vary and are subject to change by the manufacturer.

It is recommended to register your product upon purchase to facilitate any future warranty claims or support inquiries.

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