

## TRUGLO TG8030B

# TRUGLO 30mm Red-Dot Scope (Model TG8030B) Instruction Manual

Model: TG8030B

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your TRUGLO 30mm Red-Dot Scope, Model TG8030B. To ensure safe and effective use, please read this manual thoroughly before attempting to install or operate the product. Retain this manual for future reference.

## 2. PRODUCT OVERVIEW AND FEATURES

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The TRUGLO 30mm Red-Dot Scope is engineered for rapid target acquisition and reliable performance across various shooting applications. Its robust design and advanced optical features contribute to a wide field of view and clear sight picture.



*Image 2.1: Front-side view of the TRUGLO 30mm Red-Dot Scope, showcasing its compact design and integrated mounting system.*

### **Key Features:**

- **5 MOA Reticle:** Designed for quick and precise target acquisition.
- **Durability:** Shock resistant up to 1000g, waterproof, and fog-proof for reliable performance in various conditions.
- **Optical Clarity:** Multi-coated lenses provide over 95% light transmittance, ensuring a bright and clear image.
- **Anti-Reflective Interior:** Special interior coating eliminates stray light, preventing internal reflections.
- **Unlimited Eye Relief:** Allows for comfortable and flexible viewing positions.
- **Wide Field of View:** Enhances situational awareness.
- **Brightness Control:** Rheostat for adjustable reticle brightness.
- **Precision Adjustments:** Click windage and elevation adjustments for accurate zeroing.
- **Integrated Mounting System:** Weaver-style mounting system for easy installation.
- **Included Accessories:** See-thru / flip-up lens caps and an integrated lanyard system for W/E caps.

- **Power Source:** Operates on one 3V CR2032 battery (included).

### 3. SETUP AND INSTALLATION

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#### 3.1 Battery Installation

1. Locate the battery compartment cap, typically on the top or side of the scope.
2. Unscrew the cap counter-clockwise.
3. Insert the included 3V CR2032 battery with the positive (+) side facing outwards.
4. Carefully screw the cap back on clockwise until snug, ensuring a watertight seal. Do not overtighten.



*Image 3.1: Side view of the TRUGLO 30mm Red-Dot Scope, highlighting the battery compartment and brightness rheostat.*

#### 3.2 Mounting the Scope

The TRUGLO Red-Dot Scope features an integrated Weaver-style mounting system, compatible with most Weaver or Picatinny rails.

1. Ensure the firearm is unloaded and pointed in a safe direction.
2. Loosen the mounting screws on the base of the scope.
3. Place the scope onto the Weaver/Picatinny rail, aligning the cross-slots on the mount with the rail.
4. Slide the scope forward into the desired position.
5. Tighten the mounting screws securely. Do not overtighten, as this can damage the rail or scope.



*Image 3.2: Angled view of the TRUGLO 30mm Red-Dot Scope, illustrating the integrated Weaver-style mounting base.*

### **3.3 Attaching Lens Caps**

The scope includes see-thru / flip-up lens caps to protect the objective and ocular lenses. Simply press them onto the ends of the scope until they are securely seated.



*Image 3.3: The included flip-up lens caps, designed to protect the scope's lenses when not in use.*

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On and Brightness Adjustment

The rheostat knob, located on the side of the scope, controls both power and reticle brightness.

1. Rotate the rheostat knob clockwise from the "OFF" position to turn on the reticle.
2. Continue rotating the knob clockwise to increase the brightness of the red dot.
3. Rotate the knob counter-clockwise to decrease brightness or turn the scope off.

### 4.2 Windage and Elevation Adjustments (Zeroing)

The windage (horizontal) and elevation (vertical) adjustment turrets are located on the top and side of the scope, protected by screw-down caps with an integrated lanyard system.

1. Unscrew the protective caps from the windage and elevation turrets. The caps are tethered by a lanyard to prevent loss.
2. Use a flat-head screwdriver or the cap itself (if designed with a slot) to make adjustments.
3. **Elevation Adjustment (Top Turret):** Turning the turret clockwise will move the point of impact

DOWN. Turning it counter-clockwise will move the point of impact UP.

4. **Windage Adjustment (Side Turret):** Turning the turret clockwise will move the point of impact RIGHT. Turning it counter-clockwise will move the point of impact LEFT.
5. Each click represents a specific change in point of impact (e.g., 1 MOA or 1/2 MOA, refer to specifications for exact value if available).
6. After zeroing, replace the protective caps securely.

*Note: It is recommended to perform zeroing at a shooting range following established safety protocols.*

## 5. MAINTENANCE

### 5.1 Cleaning

- **Lenses:** Use a soft, lint-free cloth or lens cleaning pen specifically designed for optics. Gently wipe the lens surfaces. Avoid using harsh chemicals or abrasive materials.
- **Scope Body:** Wipe the exterior of the scope with a soft, damp cloth to remove dirt and debris.

### 5.2 Battery Replacement

If the reticle becomes dim or fails to illuminate, replace the CR2032 battery following the instructions in Section 3.1. Always use a fresh, high-quality battery.

### 5.3 Storage

Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the lens caps are in place to protect the optics. If storing for an extended period, it is advisable to remove the battery to prevent leakage.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Reticle does not illuminate or is dim.	Dead or low battery; incorrect battery orientation; rheostat set to OFF or lowest brightness.	Replace battery (CR2032); ensure battery is inserted correctly (+ side out); rotate rheostat knob clockwise to increase brightness.
Inaccurate shots or difficulty zeroing.	Scope not securely mounted; loose mounting screws; improper zeroing procedure.	Check and tighten mounting screws; ensure scope is properly seated on the rail; re-perform zeroing procedure carefully.
Fogging on lenses.	Rapid temperature change; moisture ingress (unlikely if sealed correctly).	Allow scope to acclimate to ambient temperature; ensure all caps (battery, W/E) are securely tightened. If persistent, contact support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	TRUGLO

Feature	Detail
Model Name	TruGlo Traditional (TG8030B)
Item Model Number	30 MM
Reticle	5 MOA Red-Dot
Magnification	1x (Unlimited)
Material	Aluminum or High-Quality Polymer
Item Weight	8 ounces
Product Dimensions	11 x 9.15 x 2.35 inches
Compatible Devices	Shotgun, Rifle, Crossbow, Handgun
Mounting Type	Picatinny Mount (Integrated Weaver-style)
Battery Type	3V CR2032 (included)
Waterproof / Fog-proof	Yes
Shock Resistant	Up to 1000g

## 8. WARRANTY AND SUPPORT

### 8.1 Limited Lifetime Warranty

The TRUGLO 30mm Red-Dot Scope is backed by a Lifetime Limited Warranty. This warranty covers defects in materials and workmanship under normal use. For specific terms, conditions, and limitations of the warranty, please refer to the official TRUGLO website or contact TRUGLO customer service.

### 8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your TRUGLO product, please contact TRUGLO customer support. Contact information can typically be found on the official TRUGLO website or product packaging.