Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

TRUGLO TG8030DB

TRUGLO Red-Dot Sight 1x30mm Multi User Manual

Model: TG8030DB

1. Introduction and Overview

The TRUGLO Traditional 1x30mm Red-Dot Sight is engineered for precision and durability, featuring an integrated mounting system and a 1x30mm objective lens with a 5-MOA reticle. This sight is designed to enhance target acquisition in various conditions, offering unlimited eye relief and a wide field of view. Its robust construction from CNC-machined aircraft-grade aluminum ensures it is lightweight, weatherproof, water-resistant, and shock-resistant, making it suitable for a wide range of firearms, airguns, and crossbows.



Figure 1: Front angled view of the TRUGLO 1x30mm Red-Dot Sight with lens caps open, showing the objective lens and adjustment knobs.

2. Key Features

- **Dual-Color Dot Sight:** Offers 5-MOA reticle designed for quick acquisition with a 1x30mm objective lens size, providing unlimited eye relief and a wide field of view.
- **Reticle Colors:** Features two selectable reticle colors (Red & Green) for optimal contrast against any target or background.
- **Durable Construction:** Made from CNC-machined aircraft-grade aluminum, ensuring a lightweight yet durable design. Includes an integrated Weaver-style mounting system for easy installation.
- **Adjustable Settings:** Equipped with click windage and elevation adjustments. Brightness settings are rheostat controlled for versatility.
- **Weather Resistant:** Designed to be waterproof, fog proof, and shock resistant, capable of withstanding various environmental conditions. Includes retention lanyards on windage and elevation caps, and flip-up lens caps.



Figure 2: Side view of the TRUGLO 1x30mm Red-Dot Sight, highlighting the TRUGLO branding and compact design.

3. Package Contents

Please verify that all items listed below are present in your package:

- TRUGLO 1x30mm Red-Dot Sight
- Integrated Weaver-style Mounting System
- Flip-up Lens Caps
- User Manual
- Cleaning Cloth
- Battery (if pre-installed or included separately)

4. Safety Information

Always handle firearms and accessories with extreme caution. Read and understand all instructions before using this product.

- Ensure the firearm is unloaded and pointed in a safe direction before mounting or adjusting the sight.

- Do not look directly into the sun or any intense light source through the sight, as this can cause permanent eye damage.
- Keep the sight and its components out of reach of children.
- Dispose of batteries properly according to local regulations.
- **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

5. Setup

5.1 Mounting the Sight

1. Ensure the firearm is unloaded and safe.
2. Locate the Weaver-style mounting rail on your firearm.
3. Align the integrated Weaver-style mounting system on the red-dot sight with the rail.
4. Secure the sight to the rail using the two thumb screws. Tighten them firmly but do not overtighten.
5. Verify that the sight is securely attached and does not wobble.



Figure 3: Top view of the sight, illustrating the location of the mounting screws and adjustment knobs.

5.2 Battery Installation (if applicable)

The TRUGLO Red-Dot Sight typically uses a common button cell battery.

1. Locate the battery compartment, usually found on the brightness adjustment knob.

2. Unscrew the battery cap.
3. Insert the battery with the positive (+) side facing outwards, as indicated by the diagram inside the compartment.
4. Replace the battery cap and tighten it securely to ensure a waterproof seal.

6. Operating the Sight

6.1 Power On/Off and Brightness Adjustment

The sight features a rheostat-controlled brightness setting.

- Rotate the brightness adjustment knob (typically on the left side of the sight) to turn the unit on.
- Continue rotating the knob to cycle through different brightness levels.
- To turn off the sight, rotate the knob back to the "OFF" position.



Figure 4: Close-up view of the brightness adjustment knob and its settings.

6.2 Reticle Color Selection

This model offers both red and green reticle options.

- The color selection is integrated into the brightness adjustment knob. Specific positions on the knob will activate either the red or green reticle.
- Rotate the knob to the desired color setting.

6.3 Windage and Elevation Adjustments

Windage (horizontal) and elevation (vertical) adjustments are made using click-adjustable turrets.

1. Remove the protective caps from the windage (side) and elevation (top) adjustment turrets.
2. Use a flat-head screwdriver or a coin to turn the adjustment screws.
3. Each click represents a specific change in point of impact (e.g., 1 MOA per click). Refer to the sight's specifications for precise click values.
4. Turn the elevation screw clockwise to move the point of impact down, and counter-clockwise to move it up.
5. Turn the windage screw clockwise to move the point of impact right, and counter-clockwise to move it left.
6. After zeroing, replace the protective caps to prevent accidental adjustments and protect the turrets.



Figure 5: View of the sight showing the windage and elevation adjustment turrets with their protective caps.

7. Maintenance

7.1 Cleaning the Lenses

To maintain optical clarity, keep the lenses clean.

- Use a soft, lint-free cloth (like the one provided) or a lens brush to gently remove dust and loose debris.
- For smudges or fingerprints, use a lens cleaning solution specifically designed for optics and apply it to the cloth, not directly to the lens.

- Wipe the lens gently in a circular motion from the center outwards.
- Avoid using harsh chemicals, paper towels, or abrasive materials, as these can scratch the lens coatings.

7.2 General Care and Storage

- Keep the sight dry. If it gets wet, wipe it down with a clean, dry cloth.
- Store the sight in a cool, dry place, away from direct sunlight and extreme temperatures.
- Always ensure the lens caps are closed when not in use to protect the lenses from dust and scratches.
- If storing for an extended period, remove the battery to prevent leakage and damage to the electronics.

8. Troubleshooting

Problem	Possible Cause	Solution
Dot is dim or not visible.	Low battery; brightness setting too low; dirty lens.	Replace battery; increase brightness; clean lenses.
Dot appears distorted or multiple dots.	Astigmatism (user's eye); dirty lens; defective unit.	Try looking through the sight with corrective eyewear; clean lenses; if problem persists, contact customer support.
Sight not holding zero.	Mounting screws loose; recoil from firearm; defective unit.	Ensure mounting screws are tight; re-zero the sight; if problem persists, contact customer support.
Internal fogging.	Rapid temperature change; seal compromise.	Allow sight to acclimate to ambient temperature; if fogging persists or is severe, contact customer support as the seal may be compromised.

9. Specifications

Feature	Detail
Brand	TRUGLO
Model Name	Dual-Color 1x30mm
Model Number	TG8030DB
Objective Lens Diameter	30 Millimeters
Magnification	1x
Reticle	5-MOA Dot (Red & Green)
Eye Relief	Unlimited
Material	CNC-machined Aircraft Grade Aluminum

Feature	Detail
Mounting Type	Integrated Weaver Mount
Item Weight	0.45 Pounds (approx. 0.20 kg)
Color	Multi (Black)
Weather Resistance	Waterproof, Fogproof, Shock Resistant
Compatible Devices	Handgun, Shotgun, Rifle, Cross Bow
UPC	788130011331

10. Warranty and Support

For detailed warranty information and customer support, please refer to the warranty card included with your product or visit the official TRUGLO website.
You can also find more information and contact TRUGLO directly through their official Amazon store.Visit the TRUGLO Store on Amazon

© 2024 TRUGLO. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0D63CGVSD

More documents and user manuals: **https://manuals.plus/**