



CRIMSON TRACE®

USER GUIDE

CTS-103 ELECTRONIC SIGHT





PLEASE READ THE ENTIRE MANUAL

FAILURE TO FOLLOW THESE INSTRUCTIONS AND PROCEDURES MAY RESULT IN INJURY OR DEATH.

Always follow firearm safety rules as outlined by the firearms manufacturer.

Keep this and all firearm related products locked and secured from children or other unauthorized users.

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WARNING: UNLOAD YOUR FIREARM BEFORE INSTALLING OR REMOVING YOUR CRIMSON TRACE SIGHT. FIRST REMOVE THE MAGAZINE FROM THE FIREARM. SECOND, VISUALLY AND MANUALLY CHECK AND CLEAR THE CHAMBER AND ACTION OF AMMUNITION.

QUICK START

- **Power On:** With a battery installed, press and release either (G) or (R) adjustment buttons to power up the sight. NOTE: With initial battery installation the CTS-103 may power on in the lowest brightness level. Increase brightness level as desired.
- **Power Off:** To power down the system, press and hold either (G) or (R) button for four seconds.

KEY FEATURES

A. ELEVATION ADJUSTER (1 MOA/CLICK)

B. ELEVATION ADJUSTER CAP

C. GREEN ACTIVATION BUTTON

D. RED ACTIVATION BUTTON

E. WINDAGE ADJUSTER CAP

F. WINDAGE ADJUSTER
(1 MOA/CLICK)

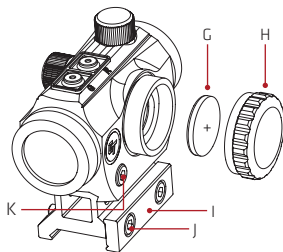
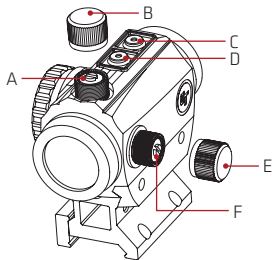
G. CR2032 BATTERY

H. BATTERY CAP

I. REMOVABLE RISER

J. REMOVABLE RISER
MOUNT SCREWS (2x)

K. CTS-103 MOUNT SCREW (2x)



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RETICLE SIZE & BRIGHTNESS ADJUSTMENT

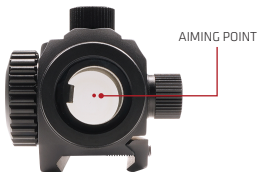
This Model CTS-103 optical sight has a 4.0 MOA red or green dot reticle for both quick and precise aiming (Figure 1).

Depending on ambient lighting conditions, the dot may appear larger or smaller. The two top buttons of the sight controls red/green intensity. Depending on use, the user may adjust reticle intensity for the best visibility (Figure 2). Pressing either button will cycle through the red and green reticles - allowing the user to pick both the color of the reticle and the intensity that works best for the user.



WARNING: CONFIRM THAT YOUR SIGHT IS SECURELY AND PROPERLY INSTALLED. AN IMPROPERLY INSTALLED SIGHT COULD BECOME DETACHED DURING RECOIL CAUSING INJURY.

FIGURE 1



VIEW THROUGH SIGHT SHOWING AIMING DOT.

FIGURE 2



RETICLE APPEARS BIGGER/BRIGHTER IN USER'S VIEW AS BRIGHTNESS INCREASES IN EITHER GREEN OR RED.

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MAXIMIZE BATTERY LIFE

In order to maximize battery life, the sight should be turned off when not in use. "Off" is achieved when either the red or green button is pressed for four seconds.

MODEL CTS-103 OPTICAL SIGHT INSTALLATION

If the battery is not pre-installed, remove the battery cover (Figure 4) to install a CR2032 battery (Figure 5). Pay special attention to verify that the battery is oriented correctly. Next, place the sight in the correct orientation on the firearm.

FIGURE 4



BATTERY IS UNDER THREADED CAP ON LEFT SIDE (AS VIEWED FROM TOP).

FIGURE 5



INSTALL THE CR2032 BATTERY WITH (-) TOWARDS SIGHT BODY.

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MODEL CTS-103 OPTICAL SIGHT INSTALLATION (CONT.)

Loosen the two mount-bolts or riser bolts if used, enough to seat the sight on to the picatinny rail. Mount the sight at the desired distance from your eye when the rifle is shouldered (see Figure 7). Tighten the mount-bolts (until snug) to secure the sight to the host firearm (see Figure 6). A wide range of positions is possible – depending on user preference.

WARNING: FIRING A FIREARM WITH YOUR EYE TOO CLOSE TO THE EYE PIECE OF ANY OPTIC, FAILING TO HOLD THE FIREARM SECURELY AGAINST RECOIL OR FAILING TO WEAR EYE PROTECTION THAT IS SPECIFIED FOR USE WITH FIREARMS, MAY RESULT IN SERIOUS PERSONAL INJURY INCLUDING, BUT NOT LIMITED TO BLINDNESS.



FIGURE 6

MOUNTING BOLTS

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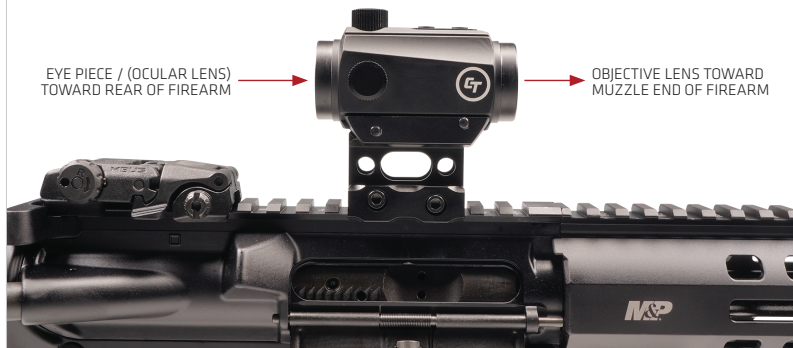




MODEL CTS-103 OPTICAL SIGHT INSTALLATION (CONT.)

GENERALLY, 6" TO 8" EYE-RELIEF IS OPTIMAL FOR MOST RIFLE USERS.

FIGURE 7



ELECTRONIC SIGHTS



WINDAGE AND ELEVATION ADJUSTMENTS

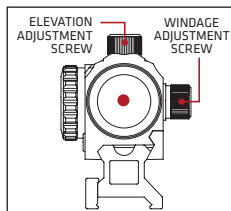
The CTS-103 is fully adjustable for both windage and elevation. The adjustment screws are located on the top and right side of the sight body. Both adjustment screws are able to be turned with a cartridge case rim, coin or small screwdriver.

ELEVATION ADJUSTMENT	
DOWN*	CLOCKWISE 
UP*	COUNTER CLOCKWISE 

*POINT OF IMPACT

WINDAGE ADJUSTMENT	
RIGHT*	COUNTER CLOCKWISE 
LEFT*	CLOCKWISE 

*POINT OF IMPACT



Adjustment: 1 CLICK = 1 MOA at 100 yards. 1 CLICK = 1/2 MOA at 50 yards.

NOTE: Adjustments to both the windage and elevation knobs reference your Point of Impact (POI). Should your impacts be below your point of aim, dial UP to reach zero. For additional information visit www.crimsontrace.com.





MAINTENANCE AND TROUBLESHOOTING

The CTS-103 requires minimal maintenance, the included CR2032 battery should provide sufficient service for most users. Should your sight fail to power up, remove and replace the battery with a new CR2032 from a reputable manufacturer.

Should problems persist please contact Crimson trace customer service for additional technical support 800-442-2406 or email customer@crimsontrace.com.

LENS CARE

The external optics of the CTS-103 are generally resistant to scratches and common firearm cleaning chemicals. Periodically the optics may become dirty from normal use, Crimson Trace recommends using the included cloth for cleaning. Should the sight become excessively dirty, wipe with damp cloth prior to using the included microfiber cloth on the optics.

3 YEAR WARRANTY

Crimson Trace Corporation (CTC) warrants that this product will be free from defects in materials and workmanship for a period of three years from the date of original retail purchase. Terms and conditions apply. For complete warranty information please visit www.crimsontrace.com/support/warranty, or contact CTC at the address / telephone number listed on the back of this User Guide.

For warranty service call Customer Service at 800-442-2406, or email customer@crimsontrace.com for a Return Authorization Number (RMA).



UL4200A BATTERY INSTALL CR2023 BATTERY

BATTERY SAFETY INFORMATION

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- The compatible battery type is CR2032
- The nominal battery voltage 3.0V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 50°C/122°F or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

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WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



ELECTRONIC SIGHTS



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