

# ZEROTECH

INSTRUCTION MANUAL  
TRACE ASPHERICAL LENS ENCLOSED REFLEX SIGHT

ZEROTECH REFLEX SIGHT OPTICS

TRACE TRAE28 H.A.L.O.

**WARNING**  
KEEP BATTERIES OUT OF REACH OF CHILDREN



THIS PRODUCT CONTAINS A COIN BATTERY.  
THE BATTERY CAN CAUSE SEVERE OR FATAL INJURIES IN  
2 HOURS OR LESS IF IT IS SWALLOWED OR PLACED  
INSIDE ANY PART OF THE BODY.

# CONTENTS

## PAGES

- 4** INTRODUCTION
- 5** LIFETIME WARRANTY
- 6** TRACE REFLEX SIGHT FEATURES
- 7** BATTERY INSTALLATION
- 8** BASE SHIM INSTALLATION **\*IMPORTANT\***
- 11** FITTING THE PICATINNY RAIL BASE
- 13** FUNCTIONS
- 15** WINDAGE AND ELEVATION ADJUSTMENTS
- 16** PROPER CARE OF YOUR TRACE REFLEX SIGHT
- 17** WARRANTY & CONTACT INFORMATION

# INTRODUCTION

## WELCOME TO THE ZEROTECH FAMILY!

**Customer First** - We listened to you and came up with a family of optics that will satisfy the needs of our most discerning and experienced customers.

**Backed by Experience** - ZeroTech enjoys 60 years of experience in the Optics Market supplying high quality brands to retailers throughout Australia and the Asia Pacific.

**Built for the Australian Shooter** - Designed and built to endure the harsh conditions of the Australian bush and the exacting demands of the precision shooter.

**Lifetime Warranty** - Be safe in the knowledge that your scope is backed by our Triple A Lifetime Warranty: '**ANY OWNER, ANY PROBLEM, ALWAYS COVERED**'

# LIFETIME WARRANTY

## BACKED FOR LIFE!

Be safe in the knowledge that your scope is backed by our **Triple A Lifetime Warranty**<sup>\*</sup>:

- Fully transferable, covers accidental damage as well as defects in materials and workmanship.
- No receipt or warranty card is required.
- We will repair or replace product with equal or similar value and/or specifications.
- We will return product to you at no charge.

<sup>\*</sup>ZT AAA warranty does not cover any intentional loss or damage to ZeroTech products.



## LIFETIME WARRANTY

**'ANY OWNER, ANY PROBLEM,  
ALWAYS COVERED'**

# TRACE TRAE28 REFLEX SIGHT FEATURES



# BATTERY INSTALLATION - INSERT CR2032

1. Unscrew the battery cover from the top of the sight using the plastic battery cover tool provided.
2. Remove the CR2032 battery and discard the plastic insulator.
3. Reinstall the battery and tighten the battery cover with the plastic battery cover tool until the battery cover is flush with the sight body.



**NOTE:** Remove and discard the plastic insulator from the battery before inserting

## WARNING – KEEP BATTERIES (whether the battery is new or used) OUT OF REACH OF CHILDREN

Zerotech rifle scopes and optics with a reticle illumination feature contain coin batteries. Products containing coin batteries must be kept out of reach of children. The battery can cause severe or fatal injuries in 2 hours or less if it is swallowed or placed inside any part of the body. If you suspect your child has swallowed or inserted a button battery immediately call the **24-hour Poisons Information Centre on 13 11 26 (Australia)** for fast, expert advice.

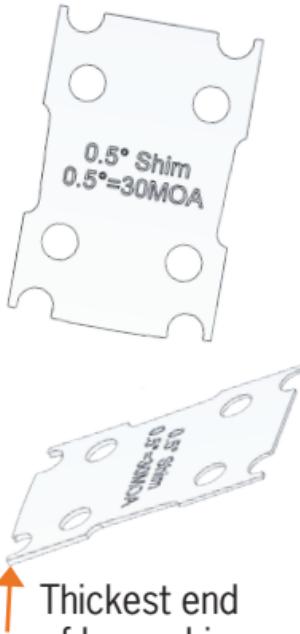


## \*IMPORTANT\* BASE SHIM INSTALLATION

A polymer base shim is included in the box. The base shim acts as a very shallow wedge to angle the sight up or down in relation to the bore. If required, it serves an important purpose. **Please read below.**

- ▲ If you require more than 30 MOA of elevation adjustment (up or down) on your sight to properly zero your firearm, you may need to install the base shim.
- ▲ The purpose of the base shim is to help centre the red dot close to the middle of the mechanical elevation travel of the sight, reducing parallax error.

To determine whether you need to install the shim, you will need to zero your firearm without the shim installed. If you need to adjust the elevation **more than 30 MOA** in the up or down direction, you should install the shim and re-zero your firearm. To save ammunition, the boresighting method could be used if your firearm type allows you to do so.



## \*IMPORTANT\* BASE SHIM INSTALLATION

- ▲ **Example 1** – to zero your firearm, 45 MOA of elevation needs to be adjusted on the sight in the ‘**up**’ direction (45MOA = 30 clicks - each click = 1.5 MOA). In this instance, more than 30 MOA has been adjusted via the elevation adjustment screw and the base shim should be installed with the **thickest end of the shim facing toward the muzzle**.
- ▲ Once the base shim is installed, adjust the elevation back to centre and re-zero. If the base shim is installed correctly, significantly less adjustment will be required on the elevation turret screw to zero your firearm.
- ▲ **Example 2** - to zero your firearm, 45 MOA of elevation needs to be adjusted on the sight in the ‘**down**’ direction (45MOA = 30 clicks - each click = 1.5 MOA). Again, more than 30 MOA has been adjusted via the elevation adjustment screw and the base shim should be installed with the **thickest end of the shim facing toward the shooter**.

# \*IMPORTANT\* BASE SHIM INSTALLATION

1



2



3



4



5



## FITTING THE PICATINNY RAIL BASE (IF REQUIRED)

A picatinny compatible base is supplied with the sight to enable fitment to most 1913 Picatinny and Weaver style rails.

The base can be attached to the sight using two (2) of the countersunk head T-10 bolts provided. The bolts already have a small amount of thread locking compound applied which should be adequate for most shooting applications. Use only the countersunk head bolts provided. Do not use a bolt other than one with the same size countersunk head. It is recommended to torque the bolts to approximately 15 inch pounds (in lbs). Please be sure to periodically check the bolts to make sure they have not worked loose. This will help to prevent damage to the sight caused by an insecure mount interface.

Fit the sight to desired position on the rail and tighten the T-10 rail clamp bolt to approximately 15 – 20 in lbs. Check the rail clamp bolt periodically to ensure it has not come loose.

## FITTING THE PICATINNY RAIL BASE (CONT'D)

The TRACE TRAE28 sight utilises the Shield® RMSc micro footprint. The footprint facilitates direct mounting to many narrow slide compact pistols and various other firearms. Please use the countersunk head bolts provided or source appropriate countersunk head bolts to mount directly to a firearm.

### **IMPORTANT**

Please note, only the correct size countersunk head bolts may be used to mount the TRACE TRAE28 sight. The use of incorrect bolts may result in damage to the sight which will not be covered by Zerotech's warranty.

# FUNCTIONS

- ▲ To activate the TRACE TRAE28 reflex sight, briefly depress either of the illumination brightness control buttons.
- ▲ Use either of the illumination brightness control buttons adjust the brightness settings. There is a total of 10 illumination brightness settings.
- ▲ The TRAE28 reflex sight has an auto sleep/ auto activate function. If the sight is left undisturbed for 3½ minutes, it will automatically enter sleep mode. As soon as the sight detects motion, it will resume the previously selected brightness setting.
- ▲ The sight also features a button lock function to avoid accidental button presses. To activate the lock function, briefly press both the + and – buttons simultaneously. The red dot will blink once to indicate the sight is in lock mode. Please note, the sleep function will be inactive when the sight is in lock mode.

# FUNCTIONS

- ▲ To unlock the sight, briefly press both the + and – buttons simultaneously. The red dot will blink twice to indicate the sight is unlocked and the buttons are now active.
- ▲ To shut down the TRAE28 reflex sight, hold either of the illumination brightness control buttons for three (3) seconds. You will need to active the sight by briefly pressing the button again before the next use.
- ▲ Zerotech recommends shutting down your sight when in storage.

# WINDAGE AND ELEVATION ADJUSTMENTS

- Windage and elevation index (click) value is 1.5 MOA. This means that each click on the windage or elevation will shift your bullet impact approximately 1.5" at 100 yards (3/4" at 50 yards).
- Use the included flat head driver to make adjustments or any appropriately sized flat head screw driver.



# PROPER CARE OF YOUR TRACE REFLEX SIGHT

- ▲ **ALWAYS** wipe fingerprints from the lenses using only the Zerotech lens cloth provided. Do not use other materials to wipe the lenses as this may result in damage to the lens coatings. If debris is present on the lenses, use a lens brush to remove the debris before wiping with a lens cloth.
- ▲ **ALWAYS** check the mount interface is tight after each shooting session.
- ▲ **AVOID** solvents and cleaner sprays coming into contact with your sight. If you accidentally spray solvent or cleaner onto your sight, wipe off immediately.

**AVOID** storing your sight for long periods with the battery installed. Always remove the battery for long term storage. Ensure the battery is stored responsibly and out of reach of children. Refer to battery warning information.

# WARRANTY & CONTACT INFORMATION

Company details;

## ZEROTECH INTERNATIONAL PTY LTD

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# NOTES



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