

# ZeroTech Trace 4.5-27x50 FFP RMG MOA Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-trace-45-27x50-ffp-rmg-moa-riflescope/>

## Description:

The TRACE 4.5-27x50mm RMG MOA Riflescope is designed for shooters who require precision and speed in demanding environments. This First Focal Plane FFP optic features the RMG MOA Refined Mil Grid reticle with 2 MOA increments and integrated 1/2 MOA measuring bars. Built for competitive and PRS shooters as well as backcountry hunters with 92% light transmission, Precision Turret System, and Zero Stop reliability.

## Details:

The TRACE 4.5-27x50mm RMG MOA Riflescope is designed for shooters who require precision and speed in demanding environments. This First Focal Plane FFP optic features the RMG MOA Refined Mil Grid reticle with 2 MOA increments and integrated 1/2 MOA measuring bars. Built for competitive and PRS shooters as well as backcountry hunters with 92% light transmission, Precision Turret System, and Zero Stop reliability.

**Price:** 1199.0 AUD

**Brand:** ZeroTech

**Availability:** in\_stock

[View Product](<https://zerotech.com.au/p/4-5-27x50mm-rmg-moa-trace-riflescope/>)

## Product Intelligence

# ZeroTech Trace 4.5-27x50 FFP RMG MOA Riflescope ## Overview The **ZeroTech Trace 4.5-27x50 FFP RMG MOA Riflescope** is a tactical rifle scope engineered for precision shooting at extended ranges. This scope represents ZeroTech Optics' commitment to delivering dependable mechanics, clear glass optics, and repeatable tracking for hunters, competitive shooters, and tactical operators. ## Key Specifications ### Magnification and Optics - **Magnification Range:** 4.5x to 27x variable power - **Objective Lens Diameter:** 50mm for superior light gathering capability - **Focal Plane Design:** First Focal Plane (FFP) configuration - **Main Tube Diameter:** 30mm one-piece construction ### Reticle System - **Reticle Type:** RMG MOA reticle design - **Reticle Construction:** Glass etched for precision and sharpness at all magnification levels - **Reticle Calibration:** Maintains accuracy across the full magnification range in FFP design ### Optical Performance - **Eye Relief:** 91-100mm (3.58-3.94 inches), providing safe and comfortable shooting distance - **Field of View at 100 Metres:** 9.8m at low magnification and 2.4m at high magnification - **Light Transmission:** 92% optical efficiency for reliable performance in varying light conditions - **Lens Coating:** FMC (Fully Multi-Coated) lens coating for enhanced light transmission and environmental protection - **Weathershield Coating:** Protects against water and environmental exposure ### Adjustment Capabilities - **Internal Elevation Adjustment:** 60 MOA of vertical adjustment range - **Internal Windage Adjustment:** 60 MOA of horizontal adjustment range - **Turret Index Value:** 0.25 MOA per

click for precise incremental adjustments - **Parallax Adjustment:** Fixed at 100 meters for optimal focus **Exit Pupil Characteristics** - **Exit Pupil Diameter:** Ranges from 9.5mm at low magnification to 1.9mm at high magnification - This specification affects eye positioning and optimal viewing geometry **Physical Specifications** - **Weight:** 824 grams (approximately 1.8 lbs or 8 lbs depending on configuration) - **Construction Material:** High-strength 7075-T6 aluminum for durability and recoil resistance - **Objective Outer Diameter:** 57mm - **Ocular Outer Diameter:** 43.6mm **Included Accessories** The ZeroTech Trace 4.5-27x50 FFP RMG MOA Riflescope package includes: - **Instruction Manual:** Comprehensive operational and maintenance guidance - **Reticle Range Chart:** Ballistic and distance reference for the RMG MOA reticle system - **High-Quality Microfibre Cloth:** For lens cleaning and optical care **Design Features** The scope features robust internals with dependable turrets designed for reliable performance in demanding field conditions. The RMG MOA reticle provides practical aiming solutions for long-range and tactical applications, enabling shooters to effectively range targets and compensate for bullet drop across various distances. **Optical Construction** The fully multi-coated optical system ensures consistent performance across varying lighting conditions, with the Weathershield coating providing protection against environmental elements. The glass-etched reticle maintains sharpness and accuracy regardless of magnification setting, a significant advantage of the FFP design. **Application Suitability** This riflescope is engineered for: - **Long-range hunting** applications requiring extended magnification capability - **Tactical shooting** scenarios demanding precision and reliability - **Competitive shooting** where consistent tracking and repeatable adjustments are essential - **Precision hunting** at variable distances with illuminated reticle advantage in low-light conditions **Manufacturer** The ZeroTech Trace 4.5-27x50 FFP RMG MOA Riflescope is manufactured by **ZeroTech Optics**, an Australian precision optics company founded in 2018, known for dependable mechanics, clear glass optics, and responsive customer support in the USA market and globally. --- **References** - [1] [directory/business\\_homepage/business-profile-and-homepage.md](https://www.directory/business_homepage/business-profile-and-homepage.md)

## Downloads & References

- [View Product Guide](#)