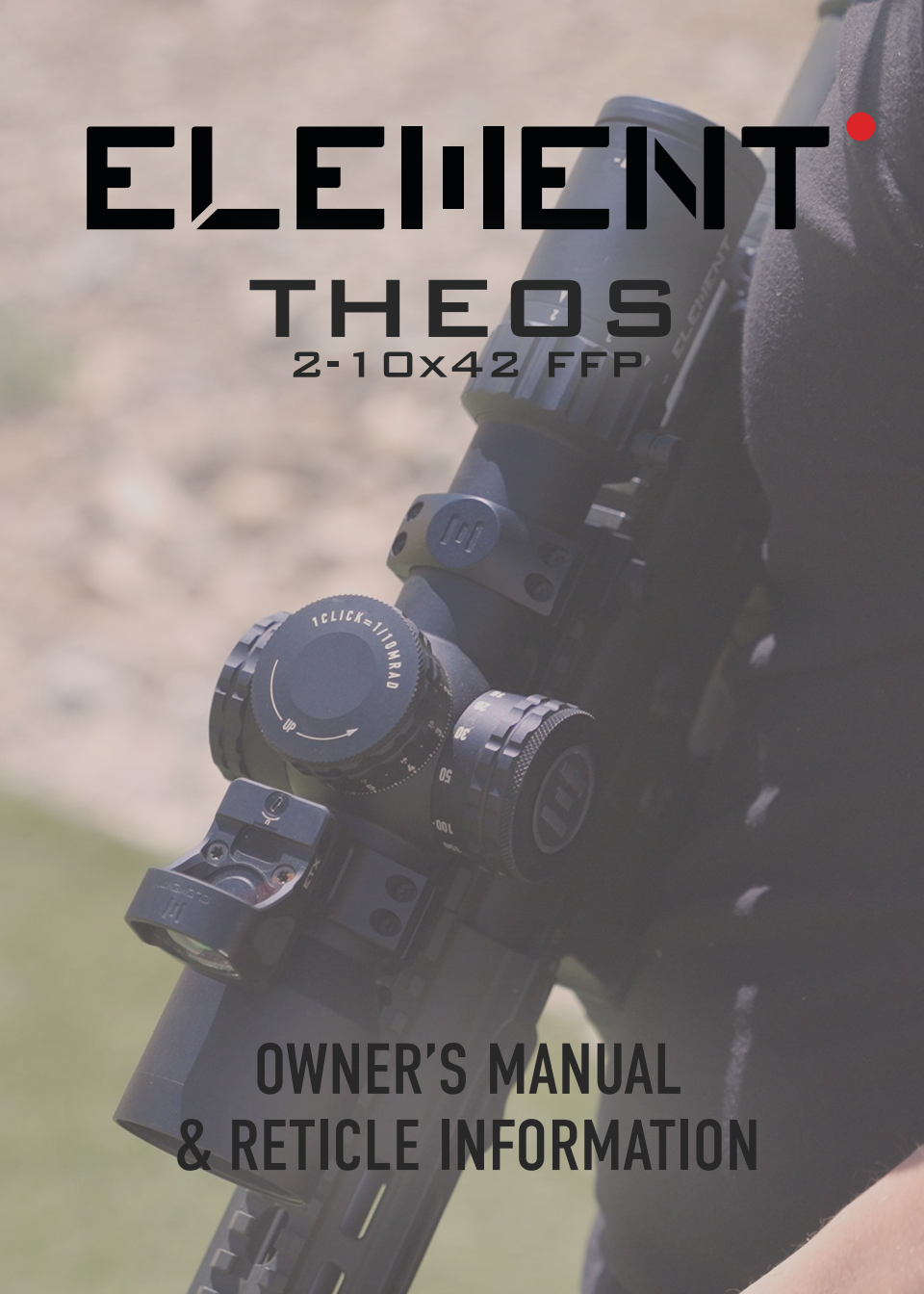
ELEMENT
THEOS
2-10x42 FFP
OWNER'S MANUAL
& RETICLE INFORMATION

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AUTO SHUTOFF

MEET THE THEOS 2-10x42.

The THEOS 2-10x42 is a MPVO (Mid Power Variable Optic) packed with all the cutting-edge features required for rapid target engagement. The ED Optical System provides an image worthy of the Theos name, while the MPR-1D Reticle with Diffractive Illumination technology ensures you have a clear aim point across the entire zoom range, in all lighting conditions. As with the 6-36 Theos, this model features our flagship RevTrak Turret with integrated revolution indicator & zero stop, shrunk down to a low-profile design. The parallax adjusts down to 10 Meters, with the QuickSet detent providing tactile feedback at the 100m mark for rapid adjustment in high-pressure situations. The Ultimate MPVO? Hard to argue otherwise.

Your rifle system is only as good as its weakest point, and so mounting of a riflescope is a very critical process that requires time and precision. If you feel uncomfortable doing this yourself we suggest visiting a gunsmith, as incorrect mounting can cause many issues down the line.

Choosing Rings

The THEOS requires 34mm rings. When purchasing rings for this riflescope, choose a quality product - Inferior rings may not align correctly and can damage your scope.

Ensure that your rings are the correct height above the barrel & action for safe clearance and a comfortable cheek weld.

We recommend using a 20 MOA base or adjustable rings if shooting at extended ranges. NEVER USE SCOPE SHIMS, as these can cause damage to your body tube and void your warranty.

Tip: We recommend Element Accu-Lite Mounts for a reliable, robust and secure mounting solution.

Alignment & Eye Relief

1) When fitting the riflescope to your rifle, ensure that the rings are firmly attached to the rifle BEFORE you tighten the top screws down.

2) With the riflescope in place, torque the ring screws down until you begin to feel some resistance, but make sure you are still able to move the riflescope back and forth.

3) Get behind the rifle in a shooting position and move the riflescope forward or backward until the eye relief is best suited to your position.

4) With the eye relief set, use a set of bubble levels or a plumbline to ensure that the riflescope is level. A canted reticle will cause point of impact drift to the left or right, and affect accuracy.

5) Once you are happy with the position of your riflescope, begin to torque down your rings in a criss-cross pattern, moving between screws and turning small amounts at a time. This will ensure that the riflescope does not shift position while tightening.

Use a torque spec of 15-18 in-lbs (1.7-2.0 nm) to avoid damage to the body tube!

Diopter - Focusing the Reticle

Everybody's eye is different, and the ocular lens will need to be adjusted for your eye in order for the reticle to appear in focus.

To do this, point the riflescope towards a blank or featureless background (i.e. a white wall or blue sky) and turn the ocular adjustment ring clockwise and counter-clockwise until the reticle appears in optimum focus.

Adjust Reticle Focus by turning Diopter

Tip: Your eye will try to compensate for an out-of-focus reticle, so it may help to turn your parallax to minimum and look towards a far-off background. This will blur the background and allow your eye to focus on the reticle itself.

Illuminated Reticle

The THEOS features Diffractive Illumination, which allows for more intense brightness with less light bleeding than traditional etch & fill technology. The logo plate on the parallax knob (see image on page 5) is the button used to control these settings.

-To switch on/off: Press and hold for a full second, and then release.
-To change brightness: Press button to move between the 10 brightness settings.
-The reticle with flash momentarily when it reaches the highest brightness setting (10)

The illumination system uses a CR2032 battery, which can be found at most hardware stores. Access battery by holding parallax knob firmly and using included tool to unscrew outer cap.

Parallax Knob - Focusing the Target

A well-adjusted parallax is crucial for optimum precision, as it places the reticle in the exact same focal plane as the target and "fixes it in place", eliminating the possibility of parallax error. And, of course, it allows you to see your target clearly.

To adjust parallax, rotate the parallax knob until your target is in focus. The parallax wheel is marked for different distances between 10yds/m to infinity. These markings provide an indication of where your optimum parallax setting might be for a given distance, but will not always be 100% accurate as your ocular lens adjustment will affect the location of the focal plane. It is better to use your eye for such adjustments.

A) Turn Parallax Knob to Focus Image.
B) Press Logo Plate to Adjust Illumination.

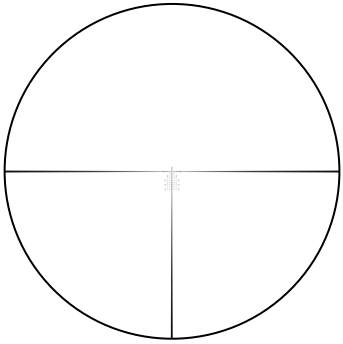
The THEOS 2-10x42 features our QuickSet Parallax, which has a tactile detent at the '100' position, allowing you to easily find this point without looking at the markers.

Adjusting Magnification

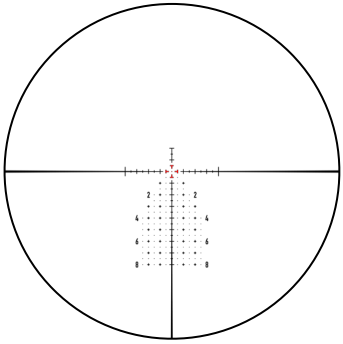
This model features a magnification of 2-10x, and can be adjusted using the magnification ring near the rear of the riflescope.

Adjust Magnification by Turning Magnification Ring

The ring is marked with magnification powers from 2x up to 10x, and will line up precisely with the arrow on the ocular tube to indicate magnification. The THEOS is a First Focal Plane riflescope, which means that the subtensions of the reticle will remain the same regardless of the magnification. In other words, the magnification setting is not crucial for precision when using the reticle.



FOV: 2x



FOV: 10x

Fitting/Removing the Throw Lever

Each THEOS riflescope comes standard with a throw lever that enables fast adjustment of the magnification ring. This can be removed simply by unscrewing and replacing with the included hex screw.

Tip: Check your bolt throw to ensure that the throw lever is not obstructing its movement. Low mounts can place the throw lever in the path of the bolt and cause damage to the throw lever.

Your THEOS will need to be zeroed after it has been fitted to your rifle. This requires dialing of your turrets and slipping the scales back to the "0" position.

Adjusting the Turrets

Your THEOS uses the Milliradian (MRAD or Mil) system. For in-depth information on these units, see the guide on page 12. Your turrets should read "1 Click = 1/10 MRAD". In simple terms, 1 click on an MRAD turret will move the reticle 1cm at 100 Meters. The Theos does not require the zero-stop mechanism to be removed before zeroing - However, you will need to remove the windage cap to access the windage turret beneath. Turn anticlockwise to remove.

-To move your Point of Impact UP, turn ANTI-CLOCKWISE on your ELEVATION TURRET.
-To move your Point of Impact DOWN, turn CLOCKWISE on your ELEVATION TURRET.
-To move your Point of Impact RIGHT, turn ANTI-CLOCKWISE on your WINDAGE TURRET.
-To move your Point of Impact LEFT, turn CLOCKWISE on your WINDAGE TURRET.

Boresighting

The THEOS is optically zeroed at the factory, so it should be close to center when fitted. Even so, it is important to check that you are "on paper" to avoid frustration. Bore-sight your rifle to ensure that your reticle is roughly aligned before fine-tuning. If using an airgun, shoot a large target at a close distance to check basic alignment.

Fine-Tuning your Zero

We've designed the Theos with reticle and turret units matching each other, which will make fine-tuning your zero an easy process. You can use your reticle to measure your Point of Impact offset from your target, and adjust accordingly. Once your point of impact matches your point of aim, your turrets are zeroed and you will want to slip the outer turret housings back to the "0" mark.

SCAN ME

Resetting the Turret Housing

The THEOS is fitted with tool-free turret housings that can be removed by hand. With one hand holding the turret firmly in place, turn the knurled portion of the locking cap anticlockwise with your other hand until it lifts out. With this piece removed, you can lift off the turret housing and return it to the zero position.

Zero-Stop

The THEOS is fitted with a newly designed Zero-Stop Mechanism. A zero-stop prevents you from overshooting your zero mark when dialling back down after a long-range shot. The THEOS zero-stop system is automatically set to 5 clicks (0.5 MRAD) below zero when you reset the turret housing. This requires NO TOOLS and can be done in the field.

NOTE: If you need to adjust your POI downward while zeroing and are prevented from doing so by the zero-stop mechanism:

1) Lift and shift the outer turret cap to a position clockwise of the current position (i.e. 2 MRAD up)
2) Press down to engage the inner turret, and make downward adjustment as intended.

Revolution Indicator

The turret mechanism on the THEOS features a two-turn system with a revolution indicator which is designed to switch from “1” to “2” when the turret reaches its second revolution.
The below diagram illustrates how the indicator flag changes position between 11 MRAD and 12 MRAD. The engraved ‘steps’ climbing to the upper row of numbers also illustrates this transition.

Thread Protector Ring

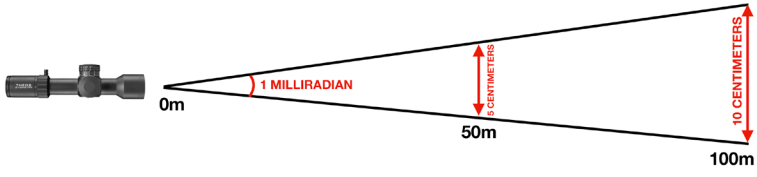
The Windage Turret has been designed to be used as a capped or exposed mechanism. The cap protects the windage from being bumped or damaged, and is desirable for those who prefer to hold off for wind instead of dial. However, some shooters may prefer to keep the windage exposed, and this presents a problem with the fine threads being vulnerable to damage. We've included a ring which can be fitted over the threads to protect and cover them.

While it is possible to use your riflescope without understanding how these systems work, it is best to know the basic concepts, as they are an integral part of "Shooting Education", and will help you get the best out of your riflescope.

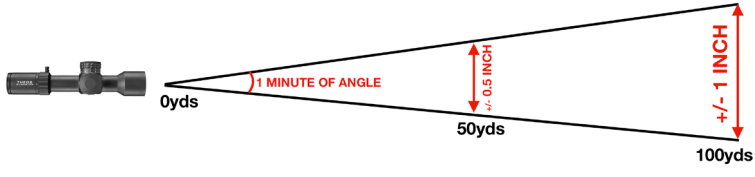
The two units we use in the shooting world are Milliradians (MRAD or MIL for short) and Minutes of Angle (MOA for short). The concept behind these two is very similar: They are angular units of measurement, meaning they can be used at any distance to quantify the distance between turret clicks and reticle markings.

Technically speaking, one MRAD = 1/1000 of a Radian, and one MOA = 1/60 of a Degree. But that doesn't help us.

Let's look at these units in terms of how they correspond to reticle divisions at different distances. In simple terms, ONE MRAD = 10cm at 100m, and ONE MOA = 1.047" at 100yds. This makes these two units very useful, because we can relate them to units of measurement we use every day.



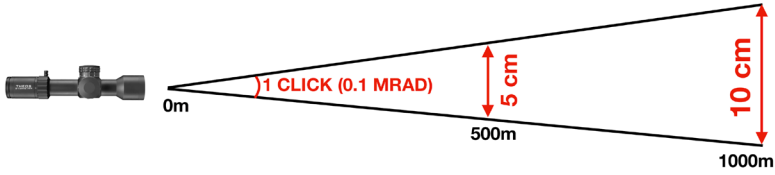
A shooter practicing at a 100m range can easily measure his group size in cm through the scope using his MRAD reticle, and a shooter at a 100yd range can estimate his group size in Inches using an MOA reticle.

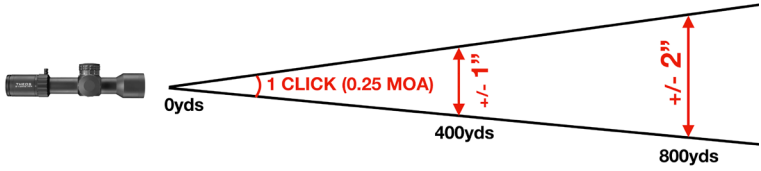


This is also incredibly useful for measuring your POI offset when zeroing your scope, or even measuring the size of an animal when hunting. But there is some mental maths involved. Because these are angular units of measurement, the corresponding length units will change depending on your distance from the target.
For example, at 1000 Meters, one MRAD will now span 100cm (1m) instead of 10cm,
and at 1000 Yards, 1 MOA will span 10.47" instead of 1.047".
And the same applies the other way round: at 50m, one MRAD will span 5cm and 1 MOA will span approximately half an inch.

Most riflescope turrets are divided up into smaller units for more precise adjustments.
The THEOS features 1/10 MRAD click adjustments. Again, let's break that down:

MRAD MODELS: 1 Click at 100m = 1cm
MOA MODELS: 1 Click at 100yds = Approx. 1/4"





The THEOS 2-10 is currently available with the MPR-1D Reticle. More information can be found in the included reticle guide.

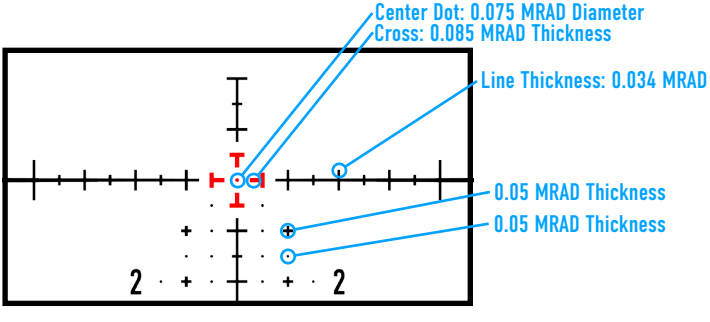
MPR RETICLE OVERVIEW

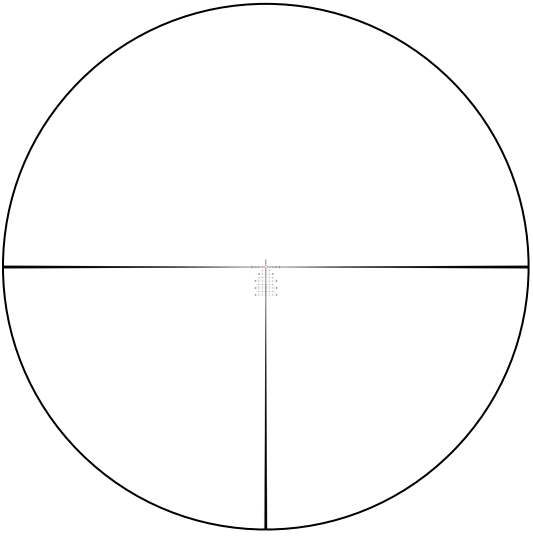
MPR stands for "Mid-Power Reticle". This reticle is designed specifically to get the best out of mid-power magnification ranges, with features that enhance performance at both the low end and the high end of the available range:

- -Thickened, illuminated center cross which remains visible at minimum zoom
- -Gaps between center features create 1/4 MRAD hold points close to center
- -Numbered markings for fast holds in stressful situations
- -Christmas tree design with crosses (1 MRAD) and dots (1/2 MRAD)
- -Tapered bars to draw your eye to the centre of the reticle at all magnifications

The MPR-1D was designed specifically for DMR applications, ensuring the best possible performance in variable light conditions and variable ranges. The diffractive illumination is designed to be used as a daylight-bright center dot at minimum zoom.

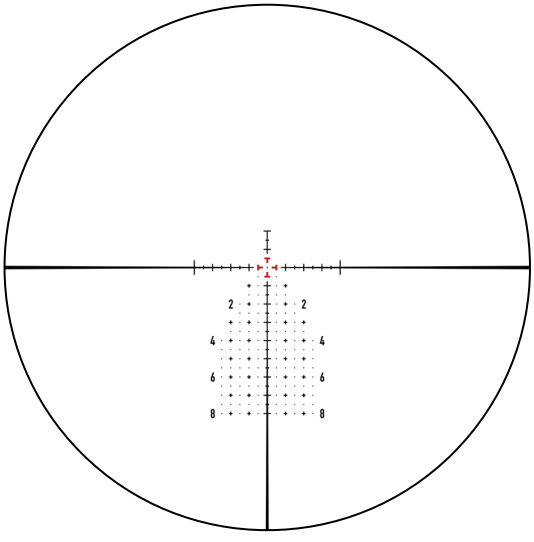
The line thickness and dot diameters have been finely adjusted in order to remain useful throughout the 2-10 zoom range:





Field of View at 2x

Field of View at 10x



A picture says a thousand words, and a video says a million.

Scan the QR codes below with your mobile device for access to tutorials, instructions and other informative content.

MOUNTING INSTRUCTIONS

How To Correctly Mount Your Riflescope, including positioning, levelling, setting eye relief and torquing ring screws.

ZEROING YOUR RIFLE

How to use Element's intuitive Reticles & Turrets to quickly and precisely zero your rifle & scope.

THEOS 2-10 PAGE

Read more about this model, and access related content like blogs, new videos, product overviews, merchandise, etc.

As shooters, we know that there is nothing worse than being let down by your equipment. We have made every effort to build a rugged, reliable product that will not break under any normal circumstances, and have implemented some of the strictest quality control measures in the industry. However, we know that things can go wrong, and therefore ALL ELEMENT Riflescopes are covered by our PLATINUM LIFETIME WARRANTY. This includes lifetime cover for any riflescopes damaged through normal use, and requires no registration, proof of purchase or transfer. If you have a problem, we will fix it - It's that easy!

For any warranty claims, please contact support@element-optics.com or complete a claim form on our website.

The Element Optics PLATINUM LIFETIME WARRANTY applies to riflescopes only, and does not cover accessories. Theft, loss, deliberate damage and cosmetic damage that does not hinder the operation of the riflescope is not covered. If your product can not be repaired and a replacement model is no longer in production, a model of equal value will be substituted. For more details, visit www.element-optics.com/warranty

SPEC SHEET

MAGNIFICATION	2-10x	
TUBE DIAMETER	34mm	
OBJECTIVE LENS DIAMETER	42mm	
EXIT PUPIL	7.1-4.2mm	
EYE RELIEF	82-97mm	
FIELD OF VIEW	@100yds: 57-11.4 ft	@100m: 19-3.8m
CLICK VALUE	1/10 MRAD (12 MRAD/REV)	
ELEVATION ADJUSTMENT	43 MRAD	
WINDAGE ADJUSTMENT	29 MRAD	
MINIMUM PARALLAX	10 YDS	10 METERS
LENGTH	11.4"	290mm
WEIGHT	28.9oz	819g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