



TANGO[®]

TANGO4[™] TACTICAL RIFLESCOPES

OWNERS MANUAL

SIG SAUER[®]

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This manual is available in the following languages: French, Spanish, German, Italian, Portuguese, Russian, Afrikaans, Swedish, and Norwegian. Please visit sigsauer.com for Owners Manual downloads.

INTRODUCTION

No one understands the need for accuracy better than SIG SAUER®. Our tactical riflescopes have been developed for military, law enforcement, long range hunters, and competitive shooters for one reason: When you take your shot, it will count.

With a 4:1 zoom first-focal plane design, illuminated glass reticles, 30mm tube and revolutionary LockDown™ Zero System turrets, TANGO4™ riflescopes are the ideal solution for mid to long range tactical engagements, designated marksmen, and hunting. A unified industrial design integrates functional components like LockDown™ Zero System (lockable turrets) and MOTAC™ (Motion Activated Illumination).



CONTENTS:

- TANGO4™ Riflescope
- CR2032 Battery
- Riflescope Lens Cover
- Tools
- Manual

FEATURES

- 4x times optical zoom with illumination in a 30mm one-piece maintube
- Low dispersion (LD) glass provides industry leading optical clarity for any situation
- Offered in first focal plane (FFP) with multiple, illuminated reticle options
- Dependable waterproof (IPX-7 rated for complete immersion up to 1 meter) and fog-proof performance
- LockDown™ Zero System on the TANGO4 features a resettable zero, zero-stop



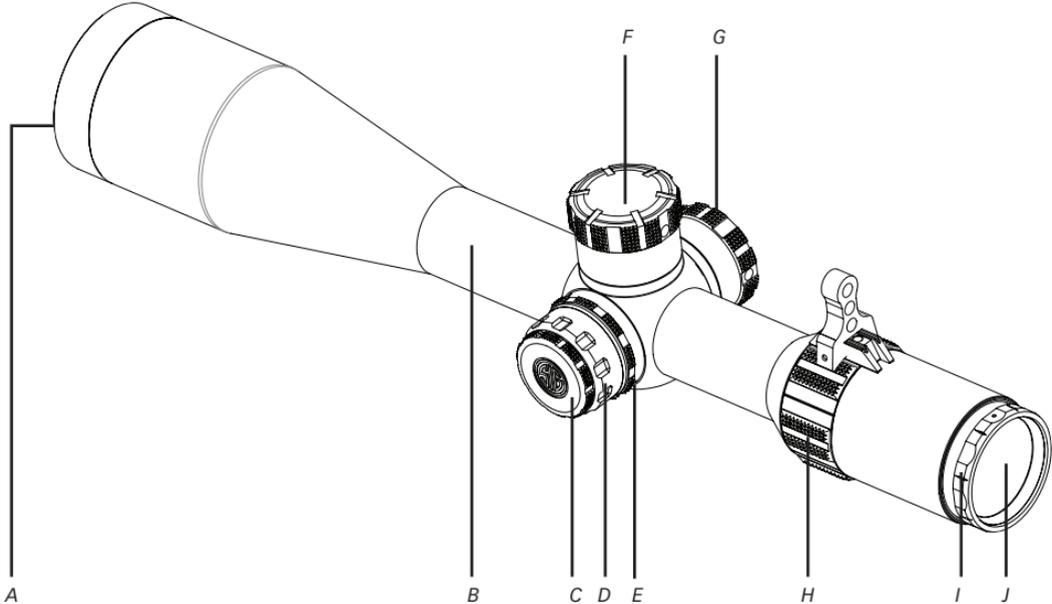
TANGO4 Riflescopes are equipped with rugged tactical turrets. TANGO4 turrets feature:



- LockDown™ Zero System
- 100 clicks with 25 MOA (MOA versions) or 10 MRAD (MRAD versions) per rotation

PRODUCT IDENTIFICATION

- A** Objective Lens
 - B** Main Tube
 - C** Battery Port Cover
 - D** Illumination Power Selector Ring
 - E** Parallax Adjustment Ring (select models)
 - F** Elevation Dial
 - G** Windage Dial
 - H** Power Selector Ring
 - I** Diopter Adjustment Ring
 - J** Ocular Lens
- 
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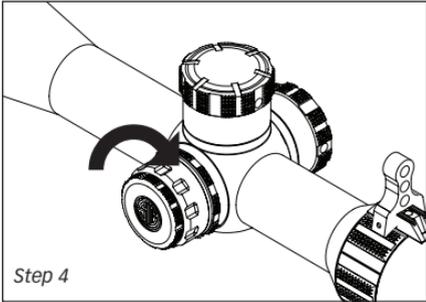
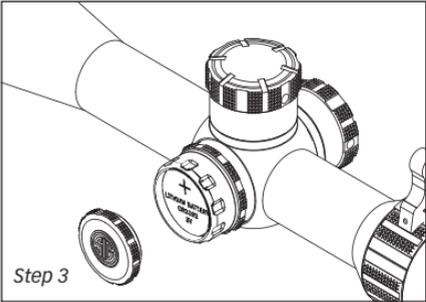
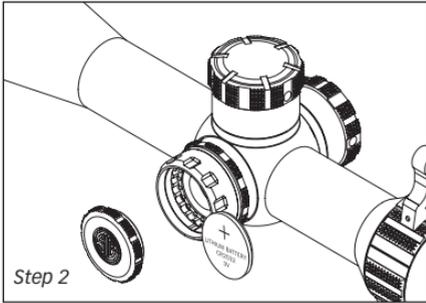
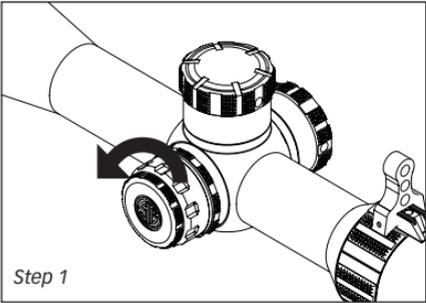


 **WARNING**

Before working on your TANGO4™ riflescope always ensure that the firearm is unloaded with the safety on.

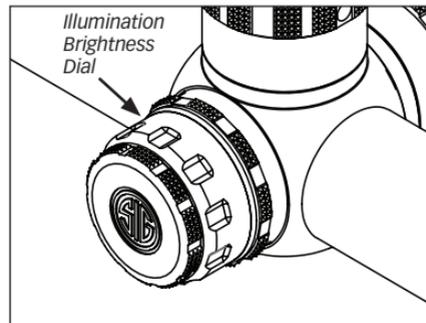
OPERATION **Installing the battery** 

TANGO4 riflescopes are equipped with illuminated reticles and require a CR2032 battery. To install the battery loosen the battery port cover on the left side of the riflescope turret. Place the battery into the battery port with the plus side facing outward. Screw the battery port cover back onto the left side of the turret.



ILLUMINATION BRIGHTNESS LEVEL

- Select the illumination brightness level that suits your conditions the best
- Higher power settings, indicated by higher numbers, are better suited for brighter conditions
- Lower power settings, indicated by lower numbers, are better suited for low light conditions
- Brightness level settings alternate between on and off locations. Blank spaces between numbered positions indicate off settings



Mounting the riflescope

Choose rings and bases that correspond to your firearms action and the diameter of your riflescope's maintube. In order to maintain a comfortable check weld always mount your riflescope with the lowest possible ring height. Make sure that there is no interference with any of the moving parts of your firearm.

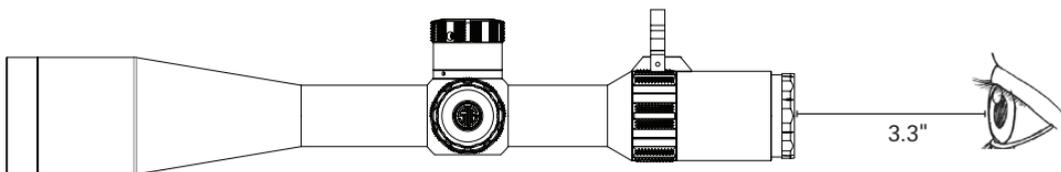
- Refer to the SIG SAUER Mount guide for the proper mount selection for your specific riflescope.
- Set up bases and rings based on the base and ring manual

Set proper eye relief

Slightly loosen the riflescope rings and position the riflescope as far forward as it will mount. For adjustable power riflescopes select the highest possible power. Mount the rifle in a comfortable and repeatable, natural position. Adjust the position of the riflescope backwards until you have maximum field of view in your riflescope.

Ensure that the vertical crosshair of the riflescope matches the vertical centerline of your rifle and tighten the rings and bases to the correct torque.

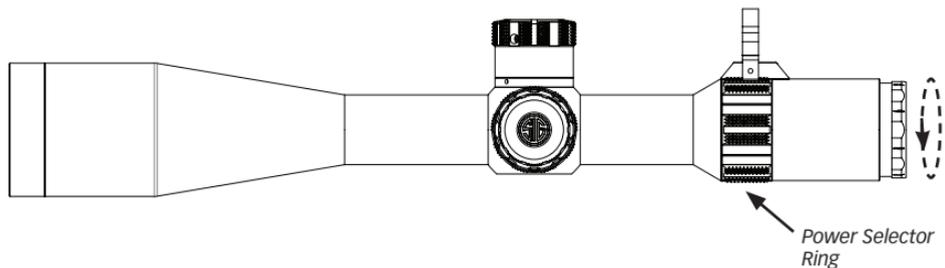
- To turn the illuminated reticle on rotate the illumination power selector ring to the desired level.
- To turn the illuminated reticle off rotate the illumination power selector ring to one of the dots adjacent to any numbered position.



SIGHT ADJUSTMENTS

Focusing the reticle with the diopter

Aim the riflescope at a light object to maximize the contrast of the reticle. Turn the diopter until the reticle comes into focus.



Adjusting Power

TANGO4 riflescopes are variable power. In order to increase the power setting rotate the power selector ring clockwise. Turn the power selector ring until the image is magnified to the desired range.

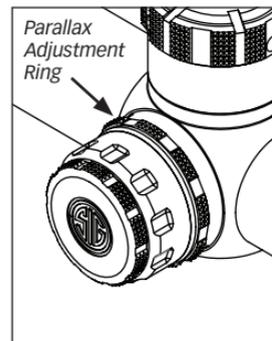
Bore sighting

If you are installing the riflescope from other than its factory settings it is best to bore site your riflescope. This will give you a coarse zero and will require further adjustments.

With the rifle in a firm rest, remove the bolt from your rifles action (with AR style rifles remove the rifles upper from its lower assembly and remove the bolt carrier). Look through the rifles barrel from the rear of the rifle and aim it so that your target is centered. Without moving the position of the barrel, use the elevation and windage adjustments of your riflescopes reticle so that it is also in the center of the target.

Parallax Adjustment*

When using your riflescope for longer range targets, parallax can become more noticeable. This can be noticed when it appears that your reticle is moving separate from the target when you move your head/eye from side to side. To adjust parallax rotate the parallax adjustment ring counter-clockwise for increased distances. The scale on the parallax adjustment ring provides approximate distance increments. Turn the dial until the parallax is corrected. *Certain models offer adjustment on the left side of the turret.



Point of Impact (POI) corrections

POI corrections should be done using the center of a three shot group. If you are not able to get a consistent three shot group then you will need to further trouble shoot your firearm.

If your POI is located to the left of your point of aim (POA), you will need to adjust the windage to the right. To adjust the windage to the right you must release the lock of the windage adjustment dial by pulling it outwards. Once the dial is pulled out you are able to make POI adjustments. To move the POI to the right turn the windage adjustment dial counter-clockwise. To move the POI to the left turn the windage adjustment dial clockwise.

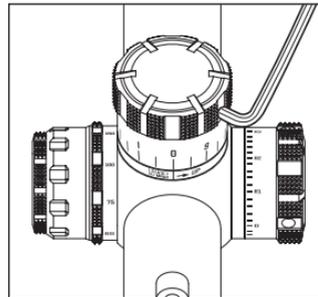
If your POI is located below your POA you will need to adjust the elevation adjustment dial up. To adjust the elevation up you must release the lock of the elevation adjustment dial by pulling it up. Once the lock is released you are able to make POI adjustments. To move the POI up you will need to turn the elevation adjustment dial counter-clockwise. To move the POI down you will need to turn the elevation adjustment dial clockwise.

Once your POI is located where you want it in relation to your POA you can lock your adjustment dials in place - see "Resetting the Zero of your adjustment dials" on page 15.

NOTE: If additional adjustment below zero is needed, loosen the three, 2mm hex screws and pull the turret up stopping at the 1 marking. This will allow the turret to fully rotate past zero, in both directions. To re-engage the zero stop feature, turn the dial to align the zero indication to the zero marking on the scope body and press the turret down until it fully seats. Tighten the three screws to 8 in/lbs to secure the turret in place.

Resetting the Zero of your adjustment dials

To modify the adjustment dial location, start by loosening the three set screws using the provided 2mm hex key. Next, pull the turret away from the scope body, and rotate the dial until the "0" is aligned with the index indicator below on the scope tube. Once aligned, press the turret down and secure it in place by tightening the three set screws to 8 in-lbs (0.9 N-m). Verify function by rotating the turret "up" and returning to the zero. The turret should come to a stop at zero and not move past.



Installing a SBT™ SIG Ballistic Turret Dial

- Remove the elevation adjustment dial by loosening the three set screws near the knurling of the dial. Once these are loose the dial should pull free of the adjustment shroud.
- Place the new SBT dial on the adjustment shroud and reset your zero.
- Tighten your set screws to finger tight or 8 in-lbs (0.9 N-m).

MAINTENANCE

Your SIG SAUER riflescope requires very little maintenance.

- If your riflescope came with an illuminated reticle make sure that you turn the illumination control to one of the off positions when it is not in use.
- If the battery for your illuminated reticle is dead replace it by rotating the illumination battery port cap counter-clockwise. Replace the battery with a new CR2032 battery positive side facing out.
- Keep your lenses clean by using a soft cloth or lens pen. The best way to maintain image quality is by keeping your lenses clear of dirt and dust that cause scratches.

TROUBLESHOOTING

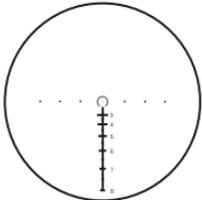
POI changes between groups

- Check that all of your mounts are tightened to the correct torque specification
- Check/Clean your rifle
- Check for variations in ammunition

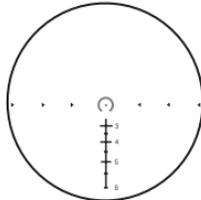
Illuminated reticle does not work

- Check that the battery is installed correctly
- Replace battery
- Ensure that the illumination power selector ring is in an on position

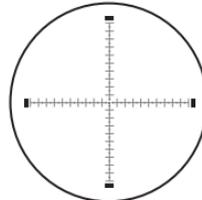
Reticle Options



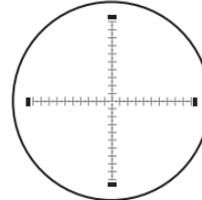
5.56/7.62
Horseshoe Dot



.300 Blackout
Horseshoe Dot



MOA Milling



MRAD Milling

Go to sigsauer.com for detailed information on reticle subtensions.

TANGO4 SPECIFICATIONS

Model	Focal Place	Reticle	ADJ.	Exit Pupil		Linear Field of View				Eye Relief			
				MM		FT @ 100Yds		M @ 100M		INCH		MM	
				LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
1 - 4x24mm	1st	5.56/7.62 Horseshoe Dot	.5 MOA	15.4	6.1	98.0	24.0	32.7	8.0	3.3	3.3	84	84
		300 Blackout Horseshoe Dot	.5 MOA										
		MOA Milling	.5 MOA										
		MRAD Milling	.2 MRAD										
3 - 12x42mm	1st	5.56/7.62 Horseshoe Dot	.25MOA	13.3	3.4	32.8	8.4	10.7	2.8	3.3	3.3	84	84
		300 Blackout Horseshoe Dot	.25MOA										
		MOA Milling	.25 MOA										
		MRAD Milling	.1 MRAD										

Model	Objective Filter Thread	Objective Clear Aperture		Weight		Windage Adjustment Range	Elevation Adjustment Range	Max Rotations	Illumination Settings	Length	
		INCH	MM	OZ	GRAM					INCH	MM
1 - 4x24mm	M 25.5 x 0.5	0.9	24	19.7	558	166 MOA 48 MRAD	166 MOA 48 MRAD	6.9 MOA 4.8 MRAD	8 daytime/ 2 NV	10	254
3 - 12x42mm	M 46 X 0.75	1.7	42	24.4	692	84 MOA 30 MRAD	84 MOA 30 MRAD	7.0 MOA 6.0 MRAD	8 daytime/ 2 NV	13.6	346.4

TANGO4 SPECIFICATIONS

Model	Focal Place	Reticle	ADJ.	Exit Pupil MM		Linear Field of View				Eye Relief			
						FT @ 100Yds		M @ 100M		INCH		MM	
				LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
4 - 16x44 mm	1st	MOA Milling	.25 MOA	22.9	5.1	24.1	6.3	8.0	2.1	3.3	3.3	84	84
		MRAD Milling	.1 MRAD										
6 - 24x50mm	1st	MOA Milling	.25 MOA	8.0	2.1	16.8	4.2	5.3	1.4	3.3	3.3	84	84
		MRAD Milling	.1 MRAD										

Model	Objective Filter Thread	Objective Clear Aperture		Weight		Windage Adjustment Range	Elevation Adjustment Range	Max Rotations	Illumination Settings	Length	
		INCH	MM	OZ	GRAM					INCH	MM
4 - 16x44	M 46 x 0.75	1.8	44	25.0	709	78 MOA 22 MRAD	78 MOA 22 MRAD	6.5 MOA 4.5 MRAD	8 daytime/ 2 NV	13.6	346.4
6 - 24x50mm	M 52 X 0.75	2.0	50	26.2	743	52 MOA 15 MRAD	52 MOA 15 MRAD	4.3 MOA 3.0 MRAD	8 daytime/ 2 NV	15.6	397.2

The SIG SAUER logo is displayed in a stylized, bold, italicized font. The letters 'S', 'I', and 'G' are larger and more prominent than 'S', 'A', 'U', and 'E', which are smaller and more closely spaced. The 'R' is also large and prominent. The logo is set against a black background.

SIG SAUER Electro-Optics Infinite Guarantee™

SIG SAUER has manufactured the most rugged, dependable high-performance firearms for over two centuries. Our heritage of design, engineering and precision-manufactured quality predates the existence of any other optics company worldwide. We understand the importance of quality in the line of fire, at the shooting range or on your next hunt. SIG SAUER Electro-Optics had to earn the right to wear that badge and the Infinite Guarantee has your back, forever. Period.

We will repair or replace your SIG SAUER product in the event it becomes damaged or defective, at no charge to you. If we cannot repair your product, we will replace it with a product in perfect working order of equal or better physical condition. It doesn't matter how it happened, whose fault it was, or where you purchased it.

SIG SAUER Infinite Guarantee™

- Unlimited Lifetime Guarantee
- Fully Transferable
- No Warranty Card Required
- No Receipt Required
- No Time Limit Applies
- No Charge

If you ever have a problem, no matter the cause, we promise to take care of you when it counts. Please note that our Infinite Guarantee does not provide coverage for intentional damage, misuse, cosmetic damage that does not affect the performance of the optic, loss, theft or unauthorized repair or modification. Excludes electronic components.



SIG SAUER Electronic & Tritium Component Limited 5-Year Warranty

For components not included under the SIG SAUER® Infinite Guarantee™, this warranty covers any defects in materials and workmanship in the electronic and Tritium components of illuminated riflescopes/sights, pistol sights, electronic sights, flashlights, lasers, binoculars, spotting scopes, and rangefinders. This warranty lasts for five years from the date of manufacture. If, during that five-year period, these products are found to have electronic or Tritium component defects in materials or workmanship, SIG SAUER will repair your product, at no charge to you. If we cannot repair your product, we will replace it with a product in perfect working order of equal or better physical condition.

⚠ WARNING: CANCER AND REPRODUCTIVE HARM
www.P65Warnings.ca.gov





SIGSAUER

NOTES:



NOTES:





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FOR PRODUCT SERVICE ON THIS MODEL, PLEASE CALL 603-610-3000

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