



STEINER Military 5-25 × 56 mm



USER'S MANUAL

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INTRODUCTION

STEINER is one of the largest manufacturers of high-quality optics in the world. STEINER products represent the highest level of precision and technology.

STEINER Military Scopes were especially developed in close cooperation with international weaponry experts for the tough requirements of military missions around the world. They are field-tested and combat proven by special forces and successfully withstand the harshest conditions. STEINER Military Riflescopes represent a new class in terms of performance, quality and reliability. They are ideally suited for tactical, military and law enforcement operations.

This manual outlines the basic operation and maintenance of the scope.



EYEPIECE FOCUSING

The eyepiece can be focused so that the reticle appears sharp and black to your eyes. Adjusting the focus is quick and easy to do. Just follow this procedure.

- 1 Point the scope at the sky or a plain wall and take a quick glance through the scope. If the reticle appears sharp and black, no further adjustment is necessary.
- 2 If not, use quick glances through the scope while rotating the focus ring until the reticle pattern is sharp and clear.

NOTE Do not look through the eyepiece as you turn the focus ring. Your eyes will adjust to the out-of-focus condition.

PARALLAX/FOCUS ADJUSTMENT



Parallax is the apparent movement of the reticle in relation to the target when the eye is not directly in line behind the center of the scope. Images from different distances focus in front of or behind the scope's reticle. Parallax is more noticeable with higher magnification scopes and scopes with a larger objective lens.

To use the parallax/focus adjustment, rotate the knob on the left side of the adjustment turret until the numeral corresponding to the known target distance lines up with the reference mark. If the distance is unknown, rotate the adjustment knob until the target image is sharply focused.

When the scope is set parallax free for the distance you are viewing, you should be able to move your eye side-to-side or up and down without seeing the reticle move appreciably in relation to the target.

WINDAGE / ELEVATION ADJUSTMENT

The windage and elevation knobs are designed for precise adjustment. The dials are calibrated so that 1 click = 0.1 mRAD.

The windage knob, located on the right side of the tube, is calibrated for up to 6 mRAD

of adjustment left and right. Adjustments are indicated by detents and audible clicks. Hard stops at both ends of the adjustment range prevent shooters from getting lost on the dial.



For shooting at extreme distances, the elevation knob offers up to 26 mRAD and two full revolutions of adjustment.

The indication occurs through a patented double scale. The first revolution of 149 clicks are indicated on a rotating scale. When turning past 149 clicks the scale disappears to the top and a second scale ranging from 150 to 260 clicks appears from below.



clicks appears from below.

This rifle scope is shipped from the factory with the optical center (knob at '0' position) set below center. Without tapered bases the initial sight-in or bore-sighting will likely produce an initial point of impact considerably high. Because of the Zero Stop feature, as shipped from the factory the scope has no immediate capability for downward point of impact adjustment.



STEINER offers this rifle scope with a choice of windage/elevation knobs that offer both Clockwise and Counterclockwise adjustment. Use the following procedure whenever you need downward point of impact adjustment:

1 Turn the elevation adjustment knob clockwise to "0". (Steps 2-5 below are for scopes with clockwise windage/elevation adjustment. For counter-clockwise knobs, just reverse the indicated direction.)

2 Use the hex wrench supplied with the scope to loosen the set screw (half turn only!) on the elevation adjustment knob located just below the top of the knob.

3 Pull up slightly on the adjustment knob to the second white hash mark on the turret. Turn the knob clockwise slightly more than the number of mils needed to achieve zero.

4 Retighten the set screws. Adjust the elevation down the required amount.

5 Once the elevation adjustment is complete, once again loosen the two set screws and reset the knob to "0". With the screws loose, push down firmly on the knob until it is fully seated on the turret base and then retighten the set screws.

NOTE When retightening set screws on elevation knob, maintain pressure on the top of cap to ensure proper seating of adjustment dial.

ATTENTION It is recommended not to remove the elevation adjustment knob! If the knob is removed, it is possible to rotate the Rotation Indicator actuator, which controls the elevation rotation indicator pin, to a position which will prevent full rotation of the knob when reinstalled.

If the knob locks up in the middle of the two turns, the Rotation Indicator actuator

is out of position. When this occurs, return the knob to 260, loosen the set screws and remove the cap exposing the actuator. Rotate the actuator fully counter-clockwise until it stops against the adjacent plate. The Rotation Indicator pin will be retracted.





Reinstall the knob and keep in mind to position the two screws at 3 and 6 o'clock. Press the knob firmly against the air resistance on the scope and tighten the screws again.

ILLUMINATED RETICLE ADJUSTMENT

The STEINER Military Rifle scope features an illuminated reticle that makes it easier to see the reticle in low light conditions. The intensity of the illumination is controlled by the rotary illumination switch located on the left side of the adjustment turret. The switch has 11 intensity levels and a "battery saver" position in between each level that turns off the illumination.

The "Off" positions at the minimum and maximum ranges turn the circuit off completely and should be used when the scope is not in use. Each level also has a detent to prevent unintended changes during use.

Positions 8-11 are for daylight operations. Positions 1-7 are used during nighttime operations. Positions 1-4 are suitable when utilizing night vision devices.



The reticle is powered by a 3-volt lithium cell battery #CR2450. To install a new battery, simply unscrew the battery cap on the rotary switch and install the new battery flat side (+) up. It is advisable to remove the battery for long term storage (over a month).

MOUNTING THE SCOPE

The riflescope requires 34 mm rings. STEINER recommends using high-quality, solid steel rings and bases. Quality components ensure that your scope will remain securely mounted, and will provide the maximum accuracy. Steiner recommends the use of a 45MOA (13.1 mRAD) mount if shooting at extremely long range where the maximum elevation of 26 mRAD is required. Read the manufacturer's directions regarding the installation of mounts and rings.

ACCESSORIES

STEINER offers a range of accessories for this scope. The objective lens is designed to accommodate standard anti-reflective devices, sunshades, filters and other accessories that fit a 58x0,75mm objective.

CARE & MAINTENANCE

This STEINER Military riflescope is fully waterproof and fogproof. To protect the objective and ocular lenses, it comes equipped with flip-up scope caps. In the event that the lenses are subjected to dust, dirt or mud, follow these steps to clean and protect the lens surface. Failure to remove grit before cleaning will damage the lens surface.

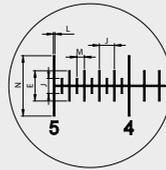
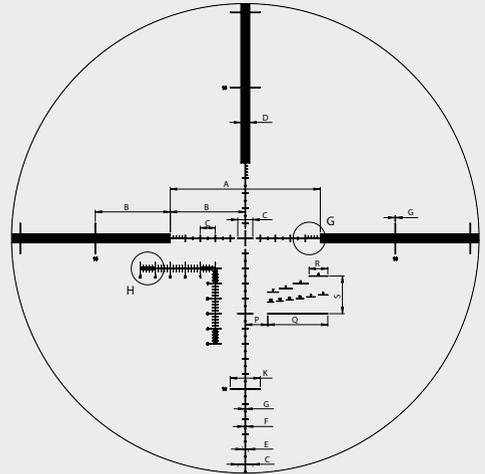
Coarse dirt/debris must be removed from the lens surface. Position the scope so particles will fall away from the lens, and then use a soft brush to gently whisk away the debris, while blowing on the lens to dislodge the particles. For heavy dirt, like dried mud, use a spray of clean water or lens cleaning fluid to remove the dirt.

Your STEINER riflescope will provide reliable performance given reasonable care and treatment. All moving assemblies are permanently lubricated. Only occasional cleaning of the outside of the scope and the exterior lenses is required.

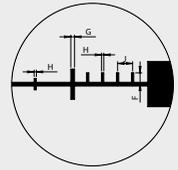
Never disassemble your scope. Disassembly by anyone other than the manufacturer will void the warranty. If you have any other problems with the STEINER riflescope, return it to the factory for repair.

For further information, please visit our web site at www.steiner-military.com.

MSR RETICLE



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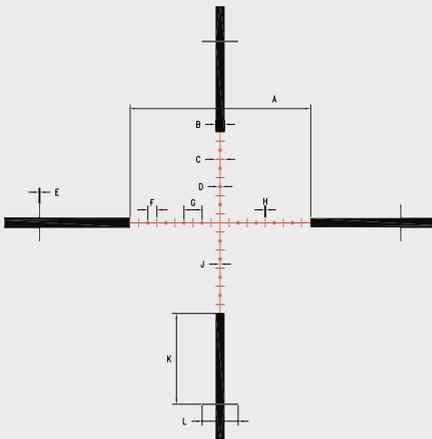


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MSR RETICLE SUBTENSIONS

UNITS	mrad	in/100 yd.	cm/100 m
A	10.0	36.0	100.0
B	5.0	18.0	50.0
C	1.0	3.6	10.0
D	0.6	2.17	6.0
E	0.4	1.45	4.0
F	0.15	0.55	1.5
G	0.05	0.18	0.5
H	0.03	0.11	0.3
J	0.2	0.72	2.0
K	1.0	3.6	10.0
L	0.02	0.07	0.2
M	0.1	0.35	1.0
N	0.8	2.87	8.0
P	1.5	5.4	15.0
Q	4.0	14.4	40.0
R	1.25	4.5	12.5
S	2.5	9.0	25.0

G2B MIL DOT ILLUMINATED RETICLE



G2B MIL DOT RETICLE SUBTENSIONS

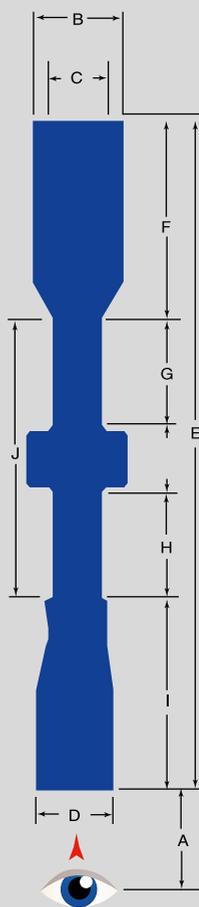
UNITS	mrad	in/100 yd.	cm/100 m
A	10.0	36.0	100.0
B	0.5	1.8	5.0
C	0.5	1.8	5.0
D	0.2	0.72	2.0
E	0.06	0.22	0.6
F	0.5	1.8	5.0
G	1.0	3.6	10.0
H	0.06	0.22	0.6
J	0.06	0.22	0.6
K	5.0	18.0	50.0
L	2.0	7.2	20.0

SPECIFICATIONS

	MILITARY 5-25 x 56 mm
Magnification	5-25x
Objective Size	56 mm
Magnification Change	5x
Exit pupil	9,80 - 2,24 mm
Eye relief	90 mm
FOV @ 100 m	≥ 7,23 - 1,43 m
Twilight Factor	15,65 - 37,4
Battery	-20 to +70 °C
Diopter Setting	+2 to -3 diopters
Tube Diameter	34 mm
Focal Plane Location	First focal plane
Reticle	G2B Mil-Dot/MSR
Illumination	Rotary Digital Control
Water Pressure Proof	up to 10 m
Shock Proof	up to 900 G
100% Fog Proof Inside	yes (nitrogen filled)
Operating Temperature	-25 °C/+63 °C
Storage Temperature	-35 °C/+70 °C
Weight with caps (without caps)	≤ 1030 g (1000 g)
Length	422 mm (at 0 diopter)
Elevation Adjustment Increment	1 cm (0.10 mrad)
Elevation Adjustment	Knob Resettable to Zero with Wrench Visual & Tactile Indication of Turns
Elevation Range @ 100 m	260 cm (26.0 mrad)
Windage Adjustment Increment	1 cm (0.10 mrad)
Windage Range @ 100 m	± 60 cm (6.0 mrad)
Parallax (Focus) Adjustment Knob	Side mounted, Rotary
Parallax (Focus) Adjustment	50 m to Infinity
Item No.:	G2B: 8704000101 MSR: 8704000102

SCOPE DIMENSIONS

	mm	inches
A Optimum Eye Relief High-Low	90	3.54
B Objective End Dia.	62	2.44
C Clear Objective Dia.	56	2.20
D Ocular End Dia.	45	1.77
E Scope Dimension	422	16.61
F Scope Dimension	159	6.26
G Scope Dimension	58	2.28
H Scope Dimension	62	2.44
I Scope Dimension	99	3.90
J Scope Dimension	164	6.46



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