

Care & Maintenance

This STEINER Military riflescope is fully waterproof and fogproof. 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 final cleaning is sure to damage lens coatings.

Coarse dirt/debris must be removed from the lens surface. The most convenient way to clean a lens surface is to use a Lens Pen. Position the scope so particles will fall away from the lens, and then use the Lens Pen or 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.

Scope Service & Repair

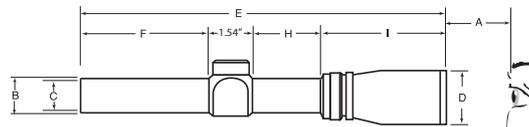
Your STEINER riflescope will provide a reliable performance given reasonable care and treatment. All moving assemblies are permanently lubricated. Only occasional cleaning of the outside of the scope and the exterior lenses is required.

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

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

Specifications:

Magnification	1x - 4x
Objective Size	24mm
Tube Diameter	30mm
Field of View @100 (m) Low – High Magnification	37.6 – 9.09
Eye Relief (mm/in.) Low – High Magnification	85 - 95 / 3.3 - 3.7
Exit Pupil (mm/in.)	11.5 – 6.0 / 0.45– 0.24
Twilight Factor	3.4 – 9.8
Length (mm/in.)	290 / 11.4
Weight (grams/oz.) with caps	615/ 21.7
Battery	CR2450
Diopter Setting	+2 to -3
Reticle	STEINER Rapid Dot 308
Elevation Adjustment Knob	"0" stop
Windage/Elevation Adjustment	1 cm (0.10 mRAD)
Elevation Range @ 100 m	93cm (9.3 mRAD) up
Windage Range @ 100 m	46cm (4.6 mRAD) each way 92 cm total adjustment
Parallax /Focus Adjustment	No, fixed at 100m
Operating Temperature	-25° / +63°C
Storage Temperature	-35° / +70°C
Illumination	Rotary Digital Control



Scope Dimensions:

A	B	C	D
Optimum Eye Relief High-Low (mm/in.)	Objective End Dia. (mm)	Clear Objective Dia. (mm)	Ocular End Dia. (mm)
85-95 3.3 – 3.7	30	24	45.6
E	F	H	I
Scope Dimension (mm/in.)	Scope Dimension (mm/in.)	Scope Dimension (mm/in.)	Scope Dimension (mm/in.)
290 / 11.4	85.6 / 3.37	67.3 / 2.65	95.2 / 3.75

STEINER 
G E R M A N Y



STEINER 1x-4x-24mm Military/Tactical Riflescope

User's Manual

Introduction

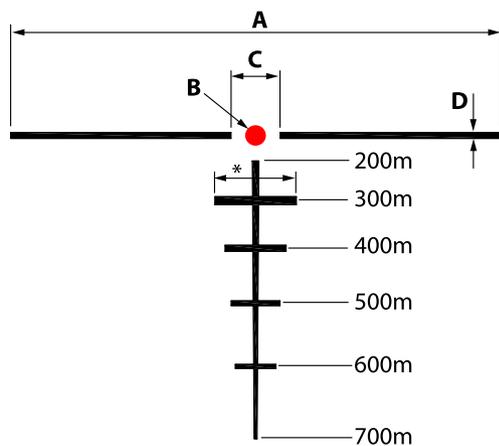
STEINER is one of the largest manufacturers of high-quality optics in the world. STEINER products represent the highest level of precision and technology. They are field-tested and combat proven and designed to withstand the toughest conditions and rigors of daily use in the field.

This STEINER Military Riflescope will deliver precision accuracy and performance at short and long ranges in the field or on the range. It is ideally suited for tactical, military and law enforcement operations.

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



Rapid Dot 308 Reticle



* .5m @ indicated distance

Ballistics @ 4x 7.62 cal 150 grain FMJ 2750 fps

Reticle Subtensions:

Units	A	B	C	D
mRad	10	0.4	1	0.13
cm/100 m min/100 yd.	36	1.4	3.6	0.47
in/100 yd. cm/100 m	100	4.0	10	1.3

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.

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 elevation knob at the top of the tube provides 9.3 mRAD of adjustment in one full turn and features a "0" stop. The windage knob, located on the right side of the tube, provides up to 4.6 mRAD of adjustment in both directions.

Both knobs can be reset to "0" once the scope is sighted-in. To reset the knobs to "0", use the hex wrench supplied with the scope to loosen the set screws located at the top of the adjustment knobs.



The dial should spin freely. Rotate the knob until the "0" lines up with the hash mark indicator, and then retighten the set screws. The knob is not intended to come up or off, but if the set screws are loosened too far, the knob can be removed. The scope is still fully sealed if this does accidentally occur.

Illuminated Reticle Adjustment

The STEINER Tactical Riflescope 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 an "Off" position in between each level. There are additional "Off" positions at the minimum and maximum ranges. Each level also has a detent to prevent unintended changes during use.

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

This riflescope requires 30mm rings. STEINER recommends using high-quality, solid steel rings and bases. Quality components ensure that your scope will remain safely and securely mounted, and will provide the maximum accuracy. Read the manufacturer's directions regarding the installation of mounts and rings.