2.2 OPERATING PROCEDURES

2.2.1 Zeroing

Aimpoint sights are delivered in a centered position. Normally this means that only small adjustments are necessary, providing that the sight base is properly aligned with the rail.

CAUTION: To prevent damage to your sight, do not continue to adjust windage and elevation mechanisms if you encounter resistance.

The elevation adjustment screw is located on top of the sight, while the windage screw is located on the right side of the sight (pos. 4 and 5).

a) Open front and rear lens covers.
b) Turn the rotary switch clockwise until the red dot has sufficient intensity to contrast against the target.
c) Remove the windage and elevation adjustment caps.

NOTE: Each click of the adjustment screw corresponds to a 10 mm movement of the point of impact at 80 meters, (3 mm at 25 meters, 13 mm at 100 meters and 25 mm at 200 meters or 1/4” at 50 yds, 1/2” at 100 yds and 1” at 200yds).

d) Insert adjustment tool (coin, screwdriver, knife) or empty cartridge casing in adjustment screw slot and turn as follows:
   - To move the point of impact to the right, turn windage adjustment screw counterclockwise.
   - To move the point of impact to the left, turn windage adjustment screw clockwise.
   - To move the point of impact up, turn elevation adjustment screw counterclockwise.
   - To move the point of impact down, turn elevation adjustment screw clockwise.

e) Confirm zeroing by firing at least three shots at a zeroing target. Check impact points on zeroing target to confirm accuracy and repeat above procedure if required.
f) After initial firing, ensure that the mount and sight are secure.
g) Turn rotary switch to OFF position (counterclockwise).
h) Close front and rear lens covers.
i) Replace adjustment screw caps

CHAPTER III

OPERATION UNDER EXTREME CONDITIONS

a) Extreme heat (moist or dry): No special procedures required.
b) Extreme cold: Extreme cold might shorten battery life.
c) Salt air: No special procedures required.
d) Sea spray, water, mud and snow: Ensure that battery cap and both adjustment screw caps are tight before exposing the sight to sea spray, mud, snow or before immersing the sight in water. Hand tighten only. Keep lens covers closed when sight is not being used. Clean lenses with lens paper/cloth and wipe the sight dry as soon as possible after exposure to water, sea spray, mud or snow.
e) Dust storms and sand storms: Keep lens caps closed when sight is not being used.
f) High altitudes: No special procedures required.

CAUTION: The lenses should never be cleaned with fingers – use a lens paper/cloth. If no lens paper/cloth available:

– To clear away debris (sand, grass etc): blow away the dirt.
– To clean lenses: mist up the lenses and dry them with a clean and soft piece of cloth.

CHAPTER IV

TROUBLE SHOOTING PROCEDURES

4.1 Red dot does not appear

Discharged battery:	Replace battery
Battery installed incorrectly:	Remove and reinstall battery with (+) toward cap
Battery is not making good contact:	Clean contact surfaces and reinstall battery.
Defective rotary switch:	Notify gunsmith or local Aimpoint Dealer.

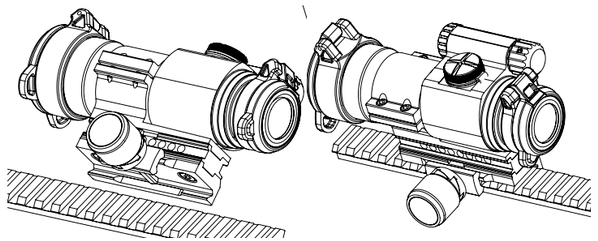
4.2 Impossible to zero

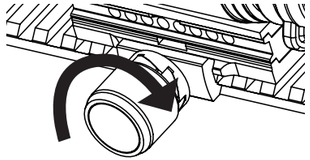
Adjustment screw is at its limit:	Check alignment of mount to barrel
Impact point is moving:	Check mount stability

CHAPTER V

MAINTENANCE

a) This reflex sight does not require any particular maintenance when used under normal conditions.
b) Under severe weather conditions please refer to chapter III.
c) Keep lens covers closed whenever the sight is not in use.
d) Long term storage: Remove battery from sight. Allow lens surfaces to dry completely (if wet) before closing the lens covers.
e) To clean lenses refer to caution in CHAPTER III.





Aimpoint

User’s manual
for

Aimpoint PRO

“Patrol Rifle Optic”

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THE FUTURE IN SIGHT®

CHAPTER I

1.1 PRESENTATION

The Patrol Rifle Optic (PRO) is a rugged precision electronic red dot sight developed for civilian, military, and law enforcement applications.

Aimpoint sights are designed for the ”both eyes open” method of sighting, which greatly enhances situational awareness and target acquisition speed. Thanks to the parallax-free design, the dot follows the movement of the user’s eye while remaining fixed on the target. This eliminates any need for centering the dot in the sight tube. The sight is designed for unlimited eye-relief, allowing the sight to operate at any distance from the user’s eye. The PRO is compatible with 1st, 2nd, and 3rd generation night vision devices (NVD).

If you have further questions, please contact your gunsmith or local Aimpoint Dealer.

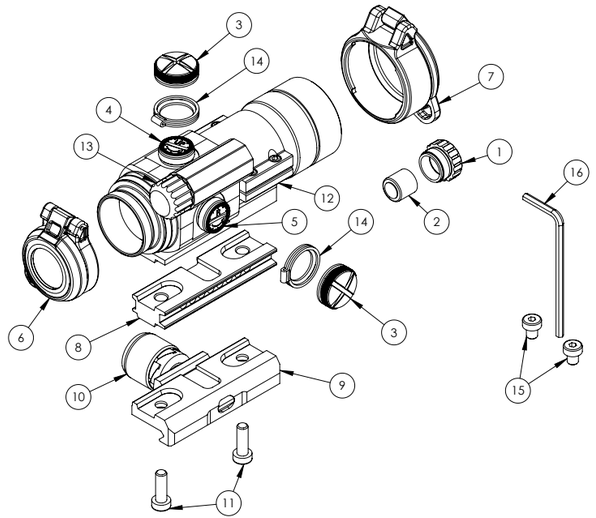
1.2 SPECIFICATION

Material – housing:	Extruded, high strength aluminum, anodized
Material – lens covers:	Thermoplastic elastomer, black, non-glare
Surface finish:	Hard Anodized, Dark Graphite Grey, matte
Optical magnification:	1X
Eye relief:	Unlimited, no centering required
Optical coating:	Anti Reflex coating, all surfaces Multi-layer coating for reflection of dot Band Pass coating for NVD compatibility
Dot size:	2 MOA*
Switch, dot brightness:	10 positions: 4 NVD**, 6 daylight of which 1 Extra Bright
Battery:	One 3 Volt Lithium battery type 2L76 or DL1/3N
Battery life:	3 years on setting 7 out of 10, at room temperature
Length (incl. lens covers):	130 mm (5.1”)
Width:	55 mm (2.2”)
Height:	55 mm (2.2”)
Weight (sight only):	220 grams (7.8 oz)
Weight (with integrated mount):	330 grams (11.6 oz) including mount and spacer
Adjustment:	Range ±2 m at 100 meters, in windage and elevation 1 click = 10 mm at 80 meters = 13 mm at 100 meters = 1/2” at 100 yards.
Max temperature range:	-45 ºC to +71 ºC (-50 ºF to +160 ºF)
Water resistance:	Submersible to 45 m (150 ft) water depth

** MOA: Minute Of Angle 1MOA = 30 mm at 100 meters = 1” at 100 yards*
*** NVD: Night Vision Device*

1.3 LOCATION AND DESCRIPTION OF MAJOR COMPONENTS AND FUNCTIONS

1. Battery Cap
2. Battery (DL1/3N or similar)
3. Cover for adjustment screw
4. Adjustment Screw (elevation)
5. Adjustment Screw (windage)
6. Lens Cover, rear
7. Lens Cover, front
8. Removable Spacer
9. QRP2 Mount
10. Torque knob
11. Mounting Screw
12. Ring Mount
13. Rotary Switch
14. Strap
15. Mounting Screw short
16. Allen Wrench for screws # 15



CHAPTER II

2.1 OPERATION UNDER NORMAL CONDITIONS

Assembly and preparation for use

WARNING: Ensure the weapon is cleared, unloaded, and the safety selector is in the ”safe” position before attempting to install, remove or perform maintenance on the sight.

Installing Battery

a) Remove battery cap by turning it counterclockwise.
b) Insert battery with positive (+) end toward cap.

Before installing battery cap, inspect that the o-ring is present and not damaged. Failure to do so could result in water leakage into the battery compartment.

c) Install battery cap by turning clockwise until snug. Hand tighten only. Using tools could damage equipment.
d) Verify that the red dot is present by turning the rotary switch clockwise.

Mounting Procedure

a) Select a groove on the rail that will give you a correct position for the sight. Ensure that the groove is undamaged and clear of dirt and sand.
b) Loosen the torque knob (10) by turning it counterclockwise.
c) Install the mount and sight on the rail (fig. 2). Make sure that the mount is correctly positioned and that the recoil stop is in the selected groove.
d) Push the mount forward (fig. 3). The recoil stop shall be in contact with the front edge of the groove.
e) Tighten the torque knob (fig. 4) clockwise until it snaps twice. This ensures that the mount is secured.

NOTE: Grasp the checkered portion of the knob only to prevent pinching of fingers when the shaft opens and snaps shut.

f) Test fire the weapon with the sight mounted. Retighten the torque knob (10) after a few rounds, if necessary.
g) Perform complete zeroing procedure according to 2.2.1.