

# Aimpoint®

**Micro H-2™ and Micro T-2™**  
User manual

Manuale utente

Manuel d'utilisation

Manual de usuario

Benutzerhandbuch

Användarmanual

Руководство пользователя

**Aimpoint.**



**THE FUTURE IN SIGHT.™**

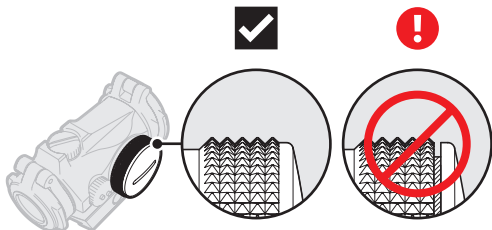


Fig. 1 ➔ 2.1

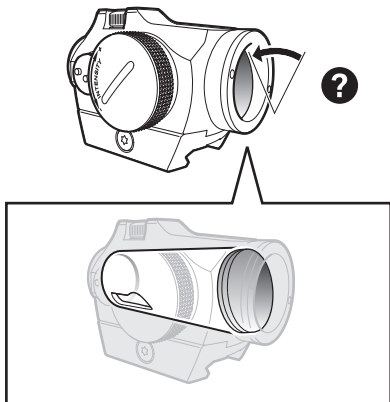


Fig. 2 ➔ 4.3

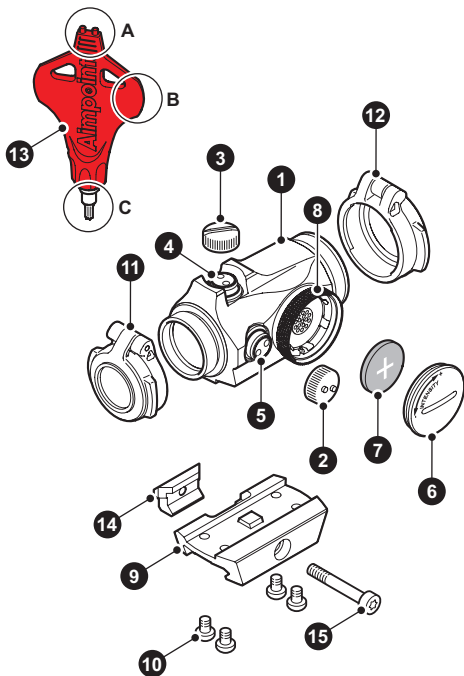


Fig. 3  1.2

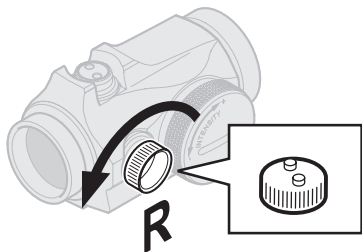


Fig. 4 ➔ 2.3

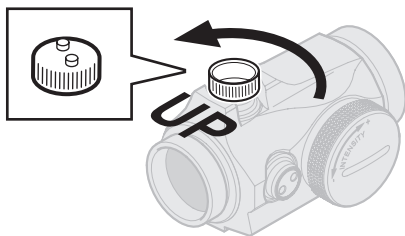


Fig. 5 ➔ 2.3

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# ENGLISH

## 1 PRESENTATION

Aimpoint® red dot sights are designed for the "two eyes open" method which greatly enhances situational awareness and target acquisition. The red dot follows the movement of the user's eye while remaining fixed on target, eliminating any need for centering.

### 1.1 Technical specification

#### Optical system

Magnification	1X unlimited eye relief
Eye relief	Unlimited
Clear aperture	18 mm /
Dot size	2 MOA <sup>1</sup> / 4 MOA / 6 MOA (H-2) 2 MOA (T-2)
NVD <sup>2</sup> compatible	No (H-2) Yes (T-2)
Optical coating	Anti-reflection (AR) coating
Adjustments	1 click = 10 mm at 80 m = 13 mm at 100 m (0.5 in at 100 yds)
Adjustment range	±1 m at 100 m (±1 yds at 100 yds) in windage and elevation
Dot intensity settings	12 daylight positions (H-2) 4 NVD, 8 daylight positions (T-2)
Optical signature	No forward optical signature from the dot beyond 10 meters

## **Power source**

Battery type	One CR2032 Lithium battery (3 V)
Battery life <sup>3</sup>	More than 5 years of use at pos. 8

## **Height of optical axis**

Configuration	20 mm (0.8 in) over top surface of Picatinny/Weaver rail
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## **Materials**

Sight housing	High strength aluminum, black, semi-matte
Lens covers	Thermoplastic elastomer, black, non-glare finish

## **Mechanical interface**

Configuration	Picatinny/Weaver rail
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## **Environmental specifications**

Temperature range (operation)	-30 °C to +60 °C (-22 °F to +140 °F) (H-2)
	-45 °C to +71 °C (-49 °F to +160 °F) (T-2)
Water resistance	Submersible to 5 m (15 ft) (H-2) Submersible to 25 m (80 ft) (T-2)

1 MOA: Minute Of Angle, 1 MOA  $\approx$  30 mm at 100 m or  $\approx$  1 in at 100 yds

2 NVD: Night Vision Device

3 Battery life: Values valid at room temperature for a quality battery

## 1.2 overview

See Fig. 3

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>1</b> Sight                      | <b>8</b> Rotary switch            |
| <b>2</b> Adjustment cap             | <b>9</b> Base                     |
| <b>3</b> Cap                        | <b>10</b> Screws (4 pcs) for Base |
| <b>4</b> Elevation adjustment screw | <b>11</b> Lens cover, rear        |
| <b>5</b> Windage adjustment screw   | <b>12</b> Lens cover, front       |
| <b>6</b> Battery cap                | <b>13</b> Tool (3 functions)      |
| <b>7</b> Battery (CR2032)           | <b>14</b> Locking bar             |
|                                     | <b>15</b> Shaft (for Base)        |



## 2 OPERATION

**WARNING:** Ensure the weapon is not loaded and the safety selector is in the "safe" position before attempting to install, remove or perform maintenance.

### 2.1 Install battery

- a Remove battery cap (6) using the tool (13B).
- b Insert battery (7) with the positive end (+) toward battery cap (6) as can be seen in Fig 3.

**CAUTION:** Check that the O-ring is in good condition and in position to ensure that there will be no water leakage into the battery compartment.

- c Turn to the rotary switch (8) to intensity setting 12 (max.) and tighten the battery cap (6) with the tool (13B). When resistance is encountered, proceed to tighten until the battery cap (6) comes to a **stop**.
- d Verify that the red dot is present and that there is zero gap between the battery cap (6) and the battery compartment. See Fig. 1.

**NOTE:** Remove battery before putting the sight in storage for extended periods.

## 2.2 Install the sight on a weapon

- a Loosen the shaft (15) with the tool (13C), to clamp the locking bar (14) around the Picatinny/Weaver rail
- b With the shaft (15) (=recoil stop) positioned in a groove on the Picatinny/weaver rail, push the sight forward (toward muzzle) and tighten the shaft (15) using the tool (13C).
- c Tighten the shaft (15) until a light resistance is encountered. Proceed with another 1/4 to 1/2 turn until fully tightened (2 Nm / 1.5 ft·lb).

**CAUTION:** Do not overtighten.

## 2.3 Zeroing

**CAUTION:** Do not continue to adjust windage and elevation if you encounter resistance. The mechanism can break if over-adjusted.

- a Open lens covers (11) and (12).
- b Adjust the intensity (8) to a comfortable setting for the red dot to contrast against the target.
- c To access elevation adjustment screw (4) and windage adjustment screw (5), remove the adjustment cap (2) and the cap (3).
- d The adjustment cap (2) or the tool (13A) must be used to turn the adjustment screws. Place the knobs on the adjustment cap (2) into the recesses on the adjustment screws (4) and (5).
- e Windage adjustments (See Fig. 4)
  - To move the point of impact to the right, turn windage

adjustment screw (5) counter clockwise.

- To move the point of impact to the left, turn windage adjustment screw (5) clockwise.

**f** Elevation adjustments (See Fig. 5)

- To move the point of impact up, turn elevation adjustment screw (4) counter clockwise.
- To move the point of impact down, turn elevation adjustment screw (4) clockwise.

**NOTE:** Each click of the adjustment screws (4) (5) corresponds to a 13 mm movement of the point of impact at 100 meters, (3 mm at 25 meters and 26 mm at 200 meters or 0.5 in at 100 yds).

- g** Confirm zeroing by firing at least three shots at a zeroing target. Check points of impact to confirm accuracy and repeat above procedure if required.
- h** After initial firing, ensure that the sight is securely installed on the weapon.

### 3 EXTREME CONDITIONS

- Extreme heat (moist or dry): No special procedures required.
- Extreme cold: Extreme cold might shorten battery life. The rotary switch (8) can be harder to turn.
- Salt air: No special procedures required.
- Sea spray, water, mud and snow: Ensure that the battery cap (6), the adjustment cap (2) and the cap (3) are tightened before exposing the sight to sea spray, mud, snow or before submerging the sight in water. Tighten the adjustment cap (2) and the cap (3) by hand, and use the tool (13B) to tighten the battery cap (6). Keep lens covers (11) and (12) closed when the 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.
- Dust storms and sand storms: Keep lens covers (11) and (12) closed when the sight is not being used.
- High altitudes: No special procedures required.

**CAUTION:** Never clean the lenses with fingers. Use lens paper/cloth. If lens paper/cloth is not available:

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

## **4 TROUBLESHOOTING**

### **4.1 The red dot does not appear or has disappeared**

Clean contact surfaces in the battery compartment and verify that the battery (7) is working and that it is installed correctly. Verify that there is zero gap between the battery cap (6) and the battery compartment. See Fig. 1. If the rotary switch (8) is defective, notify local dealer/armourer.

### **4.2 The sight is impossible to zero**

If an adjustment screw (4) (5) is at its limit, check the alignment of mount and barrel. If point of impact is moving, check the stability of mount and weapon rail (or carry handle).

### **4.3 The front lens of the sight is tilted. Has the sight been damaged?**

No. The optical system is designed for the front lens to be mounted in this way. See fig 2.

## 5 MOUNT INSTALLATION

To avoid damage to the sight (1) and for the proper assembly of the base (9) onto the sight (1), tighten the original screws (M3x4) by hand and with the tool (13C).

**CAUTION:** Do not use thread locking fluid as it may damage the thread inserts of the sight (1).

- a Place the sight (1) upside down in your hand.
- b Press the base (9) against the Sight (1) and verify that there is zero gap.
- c Install the Screws (10) in a crosswise pattern. Tighten each screw until a resistance is encountered. Proceed with another 1/4 turn until fully tightened (1.35 Nm / 1.0 ft·lb).

**CAUTION:** Do not overtighten.