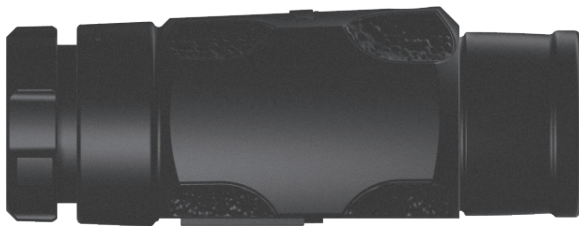


Aimpoint®

3XMag-1™

User manual



THE FUTURE IN SIGHT™

1 PRESENTATION

The Aimpoint® 3XMag-1 magnifier can be used in conjunction with Aimpoint® red dot sights for long-range aiming or observing. A variable (-3 to +3) dioptic setting allows the magnifier to be adapted to the shooter's eye. 3XMag-1™ can also be used as a handheld 3X monocular.

1.1 Technical specification

Optical system

Magnification	3X
Exit pupil diameter	6.5 mm / 0.26 in
Field Of View (FOV)	7°
Diopter adjustment range	± 3.0D
Eye relief	70 mm / 2.6 in
Photopic, integral transmission	75 %

Materials

Housing	Anodized black aluminum, black rubber cover
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Size (L × W × H)

Magnifier	117 mm × 46 mm × 33 mm 4.6 in × 1.8 in × 1.3 in
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Weight

Magnifier (incl. rubber cover)	230 g / 8.1 oz
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Mechanical interface

Magnifier	30 mm diameter tube
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Environmental specification

Temperature range	-40 °C to +55 °C
Humidity	+40 °C, RH: 95 %
Immersion	25 m / 82 ft.

1.2 Overview

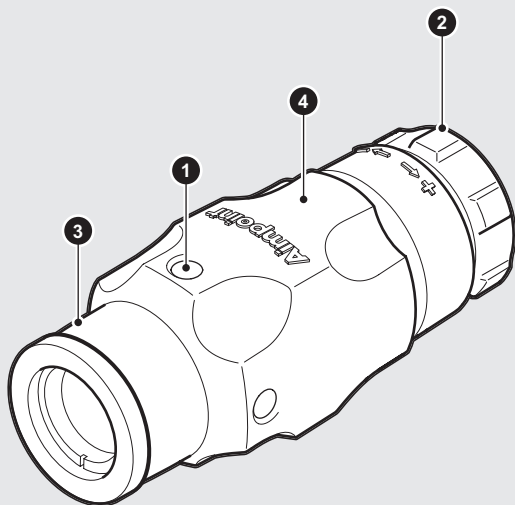


Fig. 1 Overview

1 Screws for centering

3 Mounting surface

2 Diopter ring

4 Rubber cover

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 Aimpoint® 3XMag-1 on a weapon

The mounting surface (3) of the magnifier allow for mounting to any 30 mm diameter ring mount when the rubber cover has been cut off (Fig. 2).

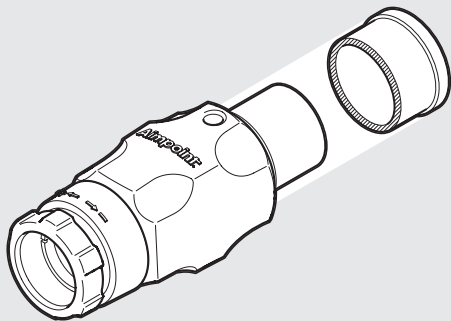


Fig. 2 Remove rubber cover

For quick attachment/detachment, use Aimpoint® FlipMount™ (Fig. 3) or TwistMount™ (Fig. 4).

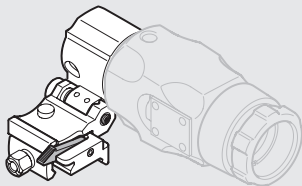


Fig. 3 Flipmount™

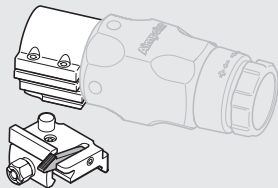


Fig. 4 TwistMount™

- The optical axis height of the magnifier and the sight must coincide as shown in Fig. 5.
- Select a suitable position for the magnifier on the weapon base (e.g. Picatinny rail) for a comfortable eye relief.
- Assemble the magnifier to the mount following the manufacturer's instruction. Orient the magnifier with the screws for centering (1) positioned as shown in Fig. 5.

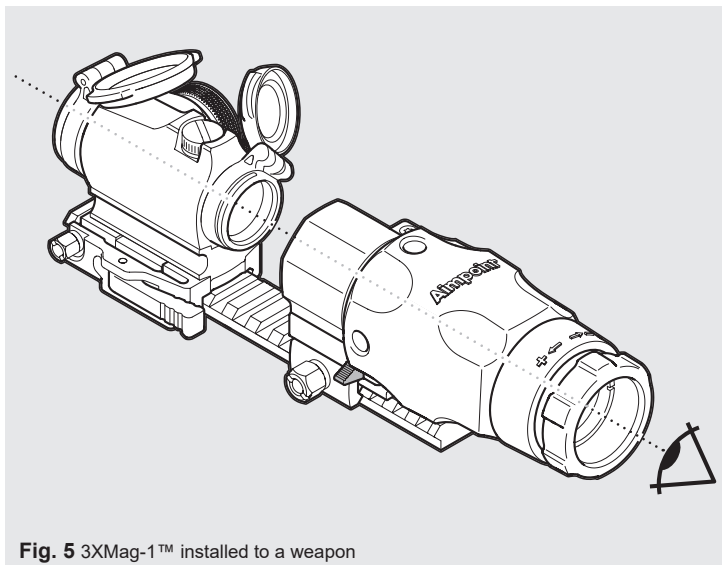


Fig. 5 3XMag-1™ installed to a weapon

2.2 Centering

Any sight used with the magnifier must be zeroed for the reticle of the sight to coincide with point of impact. 3XMag-1™ has two screws for centering (1) to allow the user to center the reticle of a sight when viewed through the magnifier. Centering the reticle is not necessary, but creates a more natural feel when operating the magnifier with a sight.

CAUTION: Do not continue to adjust the screws for centering if you encounter resistance. The mechanism can break if over-adjusted.

2.3 Diopter setting

Adjust the diopter setting by rotating the diopter ring (2) as shown in Fig. 6.

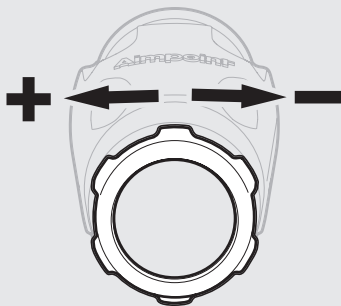


Fig. 6 Diopter setting

3 EXTREME CONDITIONS

Use in extreme heat, extreme cold, salt air, sea spray, water, mud, snow, dust and sand storms or high altitudes does not require any special procedures.

4 MAINTENANCE

To reach maximum protection level for all weather conditions, wax is added into the rubber mixture. The wax is slowly migrating to the surface of the part. The wax is used up completely during frequent use and is not noticed by the user. For long time storage, the wax is not used up as frequently and is seen as a grey film on the surface. Wipe with a damp cloth to restore to its original condition.

CAUTION: Never clean the lenses with the fingers. Use lens paper/cloth. If no lens paper/cloth is available, blow away the dirt or fog up the lenses and dry them with a clean and soft piece of cloth.

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