

MAAG

3x Magnifier



MG1

Thank you for purchasing this X-Vision product. The MAAG (MG1) enhances the performance of red dot and holographic sights by providing 3x magnification. The integrated quick-release lever allows for fast attachment and removal from the rail, while the flip-away mount makes switching between standard and magnified use quick and easy. Please read these instructions carefully before installing and using the MG1.

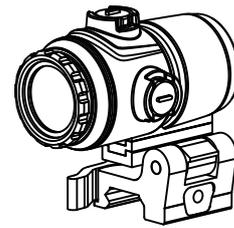


Ensure that the weapon has no magazine and an empty chamber before installation, removal, or maintenance of the magnifier.

Parts Diagram



1. Eyepiece
2. Objective lens
3. Windage adjustment
4. Elevation adjustment
5. Flip-away base
6. Quick-release lever
7. Riser plate (optional)



Note: Perfectly centering the red dot in the MG1 is not required for accuracy. Once the primary red dot sight has been sighted in using its own adjustments, the adjustments done to the MG1 using the centering screws will not affect the point-of-impact.

Adjust the Focus

Use the focus knob to achieve a sharp image. Turn the focus dial clockwise or counter-clockwise until image is as sharp as possible.

Features

- Fit for pairing with red dots to provided magnified sighting
- Extra-short and compact design
- Reversible flip-away mount for right- or left-hand shooters
- Quick-release lever for easy attachment & removal
- IPX7 waterproof rating eliminates internal fogging
- Defies repeated heavy recoil up to 800G
- Durable one-piece aluminum (AL-6061) housing

Alignment



Center the Red Dot Image

With the MG1 flipped to the side, choose a reference point with your sight and then flip the MG1 into place. Use the windage and elevation adjusting knobs to align the red dot with the previously observed reference point

Do not force screws once resistance is felt and the end-of-travel range has been reached.

MAAG MG1 SETUP

Flip-Away Base Setup

The MG1 is set up for right-hand shooters out of the box (flipping to the right). If that is your preference, no further setup is needed.

To switch orientation for left-hand use, open the flip-away base and remove the two mounting screws with the included 4mm hex wrench. Turn the base 180° and reinstall the mounting screws, tightening to 20 in lb (2.25Nm).

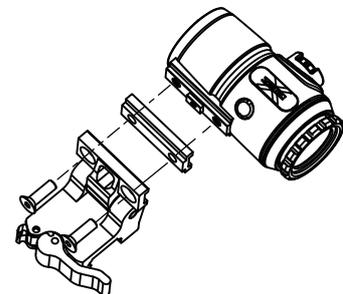
Height Alignment Setup

Absolute Co-Witness: Flip-Away Base Only

With the flip-away base installed the center of the magnifier optic will be 1.46" from the base surface. This puts the dot height at a center (absolute) sight picture when co-witnessed with standard AR-15 iron sights. For this height, do not install the included riser plate.

Lower 1/3 Co-Witness: Flip-Away Base + Riser Plate

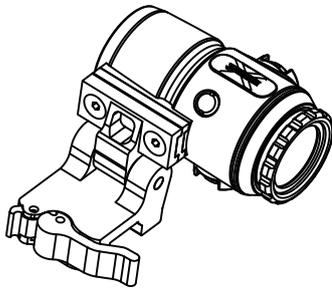
Adding the riser plate positions the magnifier at 1.57" from the base surface to the center of the optic. To install, open the flip-away mount and remove the two mounting screws with the included 4mm hex wrench. Add the riser plate between the magnifier and the flip-away base (see below) and reinstall the mounting screws, tightening to 20 in lb (2.25 Nm).



Attaching to the Rails

NOTE: Make sure the red dot or prism has been properly sighted BEFORE installing the MG1

1. Open the quick-release lever by depressing the lock switch, and swing the lever 90 degrees to the open position.
2. Position the MG1 onto the rail in desired location and move mount lever back to closed position.
3. Check lever closing tension. Lever should close with moderate pressure using thumb or finger. It should not require excess force to close. If lever won't close, closes with excess force, or seems extremely easy to close with little or no tension, proceed to step 4.
4. To adjust the tension, move the lever back to the open position. Using a flat blade screwdriver or similar device, turn the adjustment nut (pictured) left or right to loosen or tighten (left-looser, right-tighter). Make small adjustments of one or two clicks, then check lever closing tension. It may be necessary to repeat this process a few times until desired tension is achieved. Move lever back to closed position after adjustment is complete.



Technical Specifications

Model	MARG-MG1
Power x Obj.Lens(mm)	3x
Eye Relief	2.44"(62mm)
Objective diameter	22mm
Exit Pupil	7.3mm
Angle	7.5°
ft@100yds	39.3
m@100m	13.1
Weight	13.7 oz (388g)

Maintenance

Keep Lenses Clean

When cleaning the lenses, be sure to use specifically designed cleaning products for use on coated optical lenses.

- Be sure to blow away any dust or grit on the lenses prior to wiping the surfaces.
- Using your breath, a very small amount of water, or pure alcohol can help remove stubborn things like dried water spots.

Lubrication

All components of the MG1 are permanently lubricated, so no additional lubricant should be applied.

Storage

If possible, avoid exposing your MG1 to direct sunlight or any very hot location for long periods of time.

Customer Service



(833)-993-2383
support@xvisionoptics.com