

MAGNIFIER

User's Manual



MG1

Thank you for purchasing this X- Vision product. The MG1 is a 3 times magnifier which can be combined with your red dot or holographic sight for aiming and observation. Integrated quick release mount allows for fast attach/detach from your platform. Read the instructions carefully before installing and using the magnifier.



Warning

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

Product Structure



- 1.Objective Lens
- 2.Eyepiece
- 3.Windage adjust cap
- 4.Mirco adjust cap
- 5.Flip spacer
- 6.Spanner
- 7.Riser plate

Product Features

- 1.Fit for pairing with red dots to provided zoomed sighting
- 2.Extra-short and compact design reduces bulk
- 3.Built-in flip-to-side mount with Quick-detachable lock
- 4.Solid construction of one-piece 6061-T6 housing
- 5.Flip-to-side mount
- 6.IPx7 waterproof, free from internal fogging
- 7.Defies repeated heavy recoil of up to 800G

Technical parameters

Model	Magnifier scope
Power x Obj.Lens(mm)	3x
Eye Relief	62mm
Objective diameter	22mm
Exit pupil	7.3mm
Angle	7.5°
ft@100yds	39.3mm
m@100m	13.1
Weight	388g

Alignment

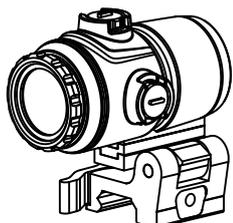


Center the Red Dot Image

The MG1 Magnifier is easy to use and does not require any special sight-in—just zero-in the red dot as normal and add the MG1 behind for additional 3x magnification.

The dot-centering screws can be used to help center the red dot in the magnifier's field of view. After the MG1 is mounted behind red dot sight, the dot may seem off centered while viewing through the MG1. This will not affect the point-of-impact. If desired, the centering screws can be used to move the dot up/down or left/right until the dot is more centered.

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



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.

MOUNTING THE MG1 MAGNIFIER

Attaching the Magnifier to the Flip Mount Note: The MG1 Magnifier does not come mounted to the flip mount. This allows the user to select the preferred mounting height (see "Mount Height Options" section below). The MG1 Magnifier can be mounted to flip to the right or left based on shooting preference. To attach, open the flip mount and position on the base of the magnifier so it can flip to the right or left based on preference. Insert mounting screws through the components and tighten using the included hex wrench. Tighten to 20 in/lbs.

Mount Height Options

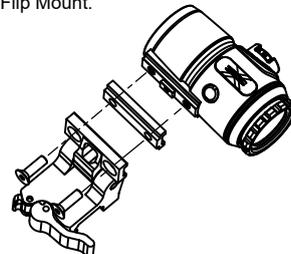
With the included flip mount and riser plate, there are two options for mounting the MG1 Magnifier:

1. Absolute Co-Witness Height with Flip Mount

Positions the magnifier at 1.46 inches from the base surface to the center of the optic. 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.

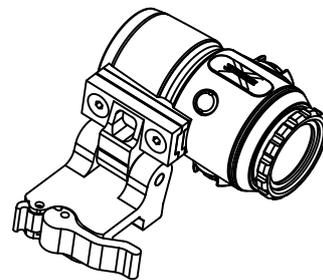
2. Lower 1/3 Co-Witness Height with Flip Mount and Riser Plate

Positions the magnifier at 1.57 inches from the base surface to the center of the optic. This puts the dot height at a lower 1/3 sight picture when co-witnessed with standard AR-15 iron sights. For this height, install the included riser plate between the MG1 Magnifier and the Flip Mount.



Quick Release Mount

1. To open the mount, depress the lock button and swing the quick release mount lever 90 degrees to the open position.
2. Position the MG1 down 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.



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, or a very small amount of water or pure alcohol, can help remove stubborn things like dried water spots.

Lubrication

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.

LOGO
company name

website:
phone number:
e-mail address: