



PRODUCT MANUAL

MICRO6X

MAGNIFIER

Specifications

MAGNIFICATION	6x
OBJECTIVE LENS DIAMETER	28mm
EYE RELIEF	2.5"
FIELD OF VIEW @ 100 YDS.	19.1'
ANGULAR FIELD OF VIEW	3.7°
LENGTH	4.3"
WEIGHT (W/ FLIP MOUNT)	10.9 oz.
WEIGHT OF RISER	.1 oz.
WEIGHT OF 1.93" RISER	.6 oz.

MICRO6X MAGNIFIER

Built to fit seamlessly onto your modern sporting rifle, the Micro6x Magnifier delivers an incredibly compact, lightweight, 6x optical system that takes your red dot farther with easy on, easy off functionality. Take your pick of three mounting heights (absolute co-witness, lower 1/3 co-witness, and 1.93 inches with included risers) and hit harder, farther than you ever thought possible.



Images are for representation only.
Product may vary slightly from what is shown.



MOUNTING THE MAGNIFIER

Attaching the Magnifier to the Flip Mount

The Micro6x Magnifier does not come mounted to the flip mount. This allows the user to select their preferred mounting height.

The Micro6x Magnifier can be mounted to flip to the right or the left based on shooter preference. To attach, open the Flip Mount and position the magnifier's base so it can flip to the right or left based on preference. Insert mounting screws through the selected riser plates and tighten using the included 3mm Hex Wrench. Tighten to 20 in-lbs, or 15 in-lbs if using a thread locking compound.

Mounting Height Options

With the included Flip Mount and Riser Plates, there are three height options for mounting the Micro6x Magnifier behind a red dot on AR platforms.

1. Absolute Co-Witness Height with Flip Mount

Positions the magnifier at 1.46" (37mm) from the top of the base to the optic's center. For this height, do not install the included Riser Plates, and use the Absolute Co-Witness Screws.

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

Positions the magnifier at 1.57" (40mm) from the top of the base to the optic's center. For this height, install the Lower 1/3 Riser Plate between the Micro6x Magnifier and the Flip Mount and use the Lower 1/3 Co-Witness Screws.

3. 1.93" Height with Flip Mount and Riser Plates

Positions the magnifier at 1.93" (49mm) from the top of the base to the optic's center. For this height, install the 1.93" Riser Plate between the Micro6x Magnifier and the Flip Mount and use the 1.93" Riser Plate Screws.

Integrated Quick-Release Mount

1. To open the lever, depress the Lock Button and swing the Quick-Release Mount Lever 90 degrees to the open position.
2. Position the Micro6x down onto the rail in the desired location, behind the red dot, and check for eye relief. Place the lever-side onto the rail first, then rotate the unit so it is flush on the rail. Apply forward (towards the muzzle) pressure on the unit. Move the mount lever back to closed position, checking the closing tension. Once attached to the rifle, check for a full sight picture. Move the Micro6x Magnifier fore or aft on the rail until you achieve a full, unobstructed sight picture.
3. Check lever closing tension. The lever should close with moderate pressure using thumb or finger. It should not require excess force to close. If the lever will not 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-head screwdriver, turn the Adjustment Nut (pictured on next page) left or right to loosen or tighten. 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 proper tension is achieved. Move lever back to closed position after adjustment is complete.



MICRO6X MAGNIFIER ADJUSTMENTS

Center the Red Dot

The Micro6x Magnifier does not require any special sight-in. Zero the red dot as normal and mount the Micro6x behind for additional 6x magnification.

After the Micro6x is mounted behind the red dot sight, the dot may seem off-center while viewing through the Micro6x. This will not affect the point of impact.

If desired, the Dot-Centering Screw(s) can be used to move the dot up/down or left/right until the dot is more centered. The directional arrows on the Micro6x Magnifier reference the direction the dot will move within the magnifier's sight picture. Unscrew the caps and use either a flat-head screwdriver or the top side of the Dot-Centering Screw Caps to adjust. Do not force screws once resistance is felt; the end of the travel range has been reached.

Note: This adjustment does not change your point of impact. Any point of impact change would be accomplished with the red dot. You can sight-in the red dot with or without the magnifier.

Adjust the Fast-Focus Eyepiece

Use the Fast-Focus Eyepiece to achieve a sharp image. Turn the Fast-Focus Eyepiece clockwise or counter-clockwise until the image is as sharp as possible.



Note: Vortex® does not recommend using the Crossfire® Red Dot, SPARC® AR, SPARC® II, or any prism optics with the Micro6x Magnifier.

Using the Flip Mount

To use the included Flip Mount, apply direct pressure and flip the Micro6x Magnifier to the left or the right side (depending on mounting direction). To return, push the magnifier back into the original position.



MAINTENANCE AND STORAGE

Cleaning

Your Micro6x Magnifier requires very little routine maintenance other than periodically cleaning the exterior lenses. The optic's exterior may be cleaned by wiping with a soft cloth. When cleaning the lenses, be sure to use products that are specifically designed 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 dried water spots.

Lubrication

All components of the Micro6x Magnifier are permanently lubricated, so no additional lubricant should be applied.

Note: Other than removing the Dot-Centering Caps and Flip Mount, do not attempt to disassemble any components of the Micro6x Magnifier. Disassembly may void warranty.

Storage

If possible, avoid storing your magnifier in direct sunlight or any very hot location for long periods of time.

TROUBLESHOOTING

Mounting Screws Coming Loose

Check to make sure that the mounting screws were torqued to proper specifications. Add a thread locking compound to the screw. Torque to 15 in-lbs with thread locking compound or 20 in-lbs without.

There Is Movement in My Magnifier

There may be a very small amount of play within the flip mount. This will not affect point of impact. Check that mounting screws have not come loose.

I Cannot Center the Dot in My Sight Picture

This could be caused by the rifle's alignment and where the red dot is zeroed within its travel. Check to make sure that, when dialing the Dot-Centering Screws, the dot is moving within the magnifier's sight picture. Try the magnifier behind a different red dot or on a different rifle. Make sure the height of the Micro6x magnifier matches the height of your red dot.

Magnifier Mount Will Not Fit on My Rail

The Flip Mount is designed for mil-spec 1913 Picatinny rails. If the rail is not to 1913 spec, it may not fit. The Micro6x Magnifier shares the same footprint as an EOTech G33, Micro3x, and the Vortex® VMX-3T. You may be able find aftermarket mounts that are compatible with your rail.

Dot is Not a Dot

The magnifier should alleviate most issues caused by an astigmatism; however, some red dot optical designs are not as compatible as others. This may cause the dot to look clustered, linear, or starburst. Try adjusting the Fast-Focus Eyepiece to see if the problem persists. Try the magnifier behind a different red dot to see if the problem persists. Lowering the red dot intensity to an appropriate brightness setting helps reduce blooming.

Cannot Achieve Full Sight Picture Through the Micro6x Magnifier

Magnifiers have an inherently short eye relief, and you may be too far away or too close to the magnifier. Move your head fore and aft to see if you can obtain a full sight picture, and move the magnifier accordingly on the rail. Make sure the magnifier is mounted behind the red dot, closer to your eye, and not in front of the red dot.

Micro6x Magnifier is Too High for My Set Up

The Micro6x Magnifier is designed for use on AR flat top rifles. It will only be compatible with red dots with heights of 1.46" (37mm), 1.57" (40mm), and 1.93" (49mm).

Note: The Micro6x Magnifier is not compatible with prismatic scopes or magnified riflescopes. Vortex® does not recommend using the Crossfire® Red Dot, SPARC® AR, SPARC® II, or any prism optics with the Micro6x Magnifier.



VIP WARRANTY

OUR UNCONDITIONAL PROMISE TO YOU.

We promise to repair or replace the product. Absolutely free.

- ▶ **Unlimited.**
- ▶ **Unconditional.**
- ▶ **Lifetime Warranty.**

You do not have to register, save the box, or a receipt for the Warranty to be honored.

Learn more at VortexOptics.com

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Note: The VIP Warranty does not cover loss, theft, deliberate damage, or cosmetic damage not affecting product performance.

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