

SIGHT  MARK[®]

USER MANUAL



**XTM-3
MAGNIFIER**
SM19065

ABOUT SIGHTMARK®

Founded to meet the changing needs of the outdoor industry and its customers, Sightmark® was introduced at SHOT Show 2007 in response to the growing popularity of the modern shooting market. The goal was to provide state-of-the-art optics and accessories to make the modern sporting rifle, shotgun and pistol as accurate as possible. In addition, each product is designed for the core market, enabling shooters to purchase more high quality items to accessorize their firearm for hunting, home defense and competition shooting.

In 2011, the new 3066 m² headquarters was completed in Mansfield, Texas, combining the company's corporate offices and a large warehouse to handle the increase in sensitive material and technology being produced. The new facility provides more space for research and development, production, and distribution of defense-related products.

Best-selling products include red dot sights, riflescopes and chamber laser bore sights. More than one million Sightmark boresights are in use since first released to the market. Sightmark has earned several patents and awards from industry associations and publications including Field & Stream, Optics Planet, Outdoor Life and Predator Xtreme. Numerous optics and accessories have been field tested and approved by prominent outdoor organizations such as the North American Hunting Club and the National Tactical Officers Association.

Currently, Sightmark represents leading markets growing in more than 55 countries and many quality retailers in every state. Products are sold by top retailers and national specialty chains such as: Academy Sports & Outdoors, Bass Pro Shops, Cabela's, Frankonia and many more.



XTM-3 MAGNIFIER

When you need to transition from close range engagement to mid-range precision shots without putting extra weight on your rifle, the XTM-3 Magnifier is the right tool for you. Sightmark offers the lightest, most compact magnifier in the market today. Weighing only 8.1oz, this 3-inch long magnifier has an 18mm objective lens and provides 3x magnification to a wide variety of rifle-mounted red dot sights.

Outfitted with a no-nonsense flip-to-side mechanism as well as a simple locking quick detach mount, the XTM-3 is designed with practicality and ergonomics in mind. Constructed with shockproof 6061 aluminum housing with an IPX7 waterproof rating and a nitrogen-filled chamber to eliminate fog, the XTM-3 Magnifier is a quality magnifier that's built to last.

FEATURES:

- Super Small
- Very Lightweight
- Compact
- LQD Mount
- Enables longer distance target acquisition and recognition
- Easy/Quick Flip to Side
- External Adjustments For Easy Access

INCLUDED:

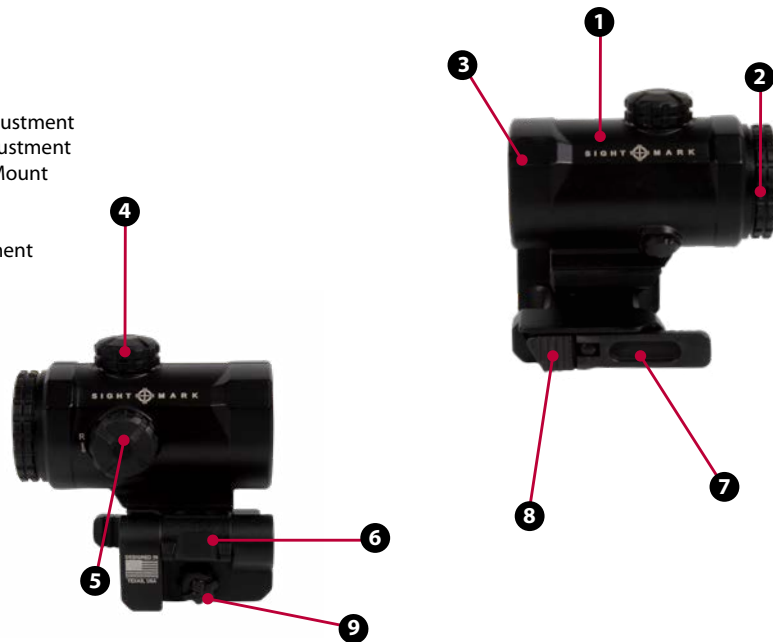
- LQD Flip to side mount
- Adjustment tools
- Manual

SPECIFICATIONS

TECHNICAL SPECIFICATIONS	SM19065
Magnification	3x
Resolution	10.0
Objective lens Diameter (mm)	18
Eyepiece diameter (mm)	30
Exit pupil diameter (mm)	5.6
Eye relief (in/mm)	2.32 / 59.0
Field of view, degree	6.8
Field of view (m @100m)	11.88
Field of view (m @100yd)	35.65
Diopter adjustment (+/-)	+2 / -2
Maximum Caliber	.338
Shockproof (yes/no)	Yes
Fog proof (yes/no)	Yes
IP Standard (water rating)	IPX7 (1m for 1 hr)
Body material	6061 Aluminum
Lens material/type	Glass
Lens coatings	FMC
Mount type	Flip-to-Side
Operating temperature (F/C)	-4 to 140 / -20 to 60
Finish/color	Matte Black Anodize
Length (mm)	69
Width (mm)	55
Height (mm)	68
Weight (oz/g)	8.1 / 229.6

DIAGRAM

1. Eyepiece
2. Diopter
3. Objective
4. Elevation adjustment
5. Windage adjustment
6. Flip to Side Mount
7. LQD Lever
8. LQD Lock
9. LQD Adjustment



MOUNTING

The Sightmark XTM-3 3x Magnifier uses an integrated Locking Quick Detach (LQD) picatinny mount to mount on firearms. The LQD mount allows the magnifier to be quickly attached and detached from a firearm with no impact to your zero. The “Locking” portion of the LQD ensures that your magnifier will not accidentally detach from the firearm.

To mount the LQD magnifier:

1. Ensure that the firearm is cleared, follow all safe firearm handling protocols.
Warning: Always follow your firearm’s instruction manual and warning. Follow safe firearm practices.
2. Position the magnifier so that the eyepiece (1) faces the butt stock of the firearm and the user’s eye.
3. Press the front of the LQD Lock (8) to unlock the LQD lever (7) and flip the lever out. This will loosen the mount.
4. Attach the mount to the firearm’s rail.
Tip: Generally, it is recommended to place the magnifier as far back as possible without interfering with the firearm’s charging handle. This will maximize the eye relief. However, everyone’s eye position is different, so mount the unit that is most comfortable to you to use.
5. Once the mount is in place, flip the LQD lever back until it locks in place.
6. Check for proper eye relief. If proper eye relief is not right, repeat steps 1-5 and move the mount forward or backward on the rail until it is comfortable for you.
7. If the lever is too difficult to lock or the mount is loose on the rail, please see “Mount Adjustment.”



MOUNT ADJUSTMENT

Sometimes the LQD mount may be too tight or too loose on a firearm's rail. This is because of variations in manufacturing dimensions on rails. The Sightmark XTM-3 3x Magnifier comes with a mount adjustment, so that it can fit most rails.

To adjust the mount:

1. Remove the mount from the firearm if it is installed.
2. Unlock the LQD lever and flip it open using the steps under "Mounting."
3. Using a tool or your hand, loosen or tighten the LQD Adjustment (9) depending on the mount fitment to your firearm's rail. Tip: it may help to push the opened lever towards the mount. This will push the recoil bolt out slightly and make the LQD Adjustment easier to turn.
4. Remount the magnifier on your firearm's rail.
5. Check the fitment again on your firearm's rail. If the mount fitment is still not correct, repeat steps 1-4 until the LQD lever firmly but easily locks and the magnifier mount is not loose.



DIOPTER ADJUSTMENT

The Sightmark XTM-3 3x Magnifier's eyepiece (1) is designed to rotate to adjust for diopter. The diopter is the measurement of the eye's curvature. People's eyes are all curved differently. If the image does not appear clear, crisp, nor sharp, the diopter needs to be adjusted.

To adjust the diopter:

1. Rotate the eyepiece until the image becomes clear and sharp. It is best to test the diopter with your primary optic also installed.
2. This adjustment should stay the same unless the magnifier's operator changes

WINDAGE AND ELEVATION ADJUSTMENTS

After mounting the XTM-3 3x Magnifier, the primary optic's reticle may appear off-center. This can be adjusted using the hand adjustable windage (5) and elevation (4) adjustments. This allows users to quickly center the primary optic's reticle at any time.

To adjust the windage and elevation adjustments:

1. If your reticle appears low, turn the elevation dial counter-clockwise to move the reticle up.
2. If your reticle appears high, turn the elevation dial clockwise to move the reticle down.
3. If your reticle appears left, turn the windage dial counter-clockwise to move the reticle right.
4. If your reticle appears right, turn the windage dial clockwise to move the reticle left.

Note: Changing the reticle position in the magnifier's field of view does not affect the point of impact of the primary optic.



USING THE FLIP-TO-SIDE ACTION

The Flip-To-Side feature allows the user shooter to quickly changing shooting styles to rapidly transition between engagement distances. The XTM-3 Magnifier can be easily flipped to the side when the shooter wants to use a 1x shooting style and can be flipped back to the center to enable shooters to engage targets at longer distances with its 3x magnification.

To use the Flip-to-Side action:

1. Push or pull on the XTM-3 Magnifier body to pivot the body to the side. Push it until it snaps into place. Because of the unique Flip-to-side design, the magnifier will automatically snap into place with minimal movement.
2. The same Push or pull motion in the opposite direction will pivot the XTM-3 Magnifier back into center position. Because of the unique Flip-to-side design, the magnifier will automatically snap into place with minimal movement.



MAINTENANCE

Proper maintenance of the Sightmark XTM-3 3x Magnifier is recommended to ensure longevity.

To use the Flip-to-Side action:

1. It is recommended that when the sight becomes dirty that it is wiped down with a dry or slightly damp cloth.
2. Blow dirt and debris off all optics and then clean lenses with a lens cleaning cloth.
3. To remove oil or dried water spots, apply a small amount of denatured alcohol to a lens cloth or cotton swab. Clean the surface of the lens and let dry.
4. Do not attempt to disassemble any components of the magnifier.
5. To ensure the flip-to-side action operates smoothly, apply a dry lubricant to the pivot. Do not use an oily lubricant as this can attract dust and cause friction.

STORAGE

Because of the LQD design, the Sightmark XTM-3 3x Magnifier can easily be stored attached or separate from your firearm.

1. If you are storing attached to your firearm, please follow all firearm storage instructions per your manufacturer's suggestions. It is best to store the magnifier in a cool, dry area that is well-ventilated and protected. Ensure the unit is securely attached to your firearm
2. If you are storing the XTM-3 Magnifier separately, ensure the unit is cleaned thoroughly and store it in a cool, dry and well-ventilated area. Place the unit in a secure spot where it cannot fall.

WARNING

Proper maintenance of the Sightmark XTM-3 3x Magnifier is recommended to ensure longevity.

To use the Flip-to-Side action:

1. Before handling the Sightmark XTM-3 3x Magnifier, read and understand the contents of your firearm's manual and the Sightmark manual. Follow all safety precautions and procedures during firearm operation.
2. Avoid hitting or dropping the unit.
3. ALWAYS check the chamber of your firearms I clear before performing any mounting or adjustment actions.
4. Failure to follow standard firearm safety precautions and procedures as well as the above warnings is dangerous and may results in serious injury, damage to property, or death.

TROUBLESHOOTING

Never ship a product without getting proper authorization beforehand. Doing so could result in losing the product.

The mount's flip-to-side action is difficult to pivot:

1. Apply dry lubricant too all visible parts and seams of the pivot.

The mount does not stay secured:

1. Tighten the LQD adjustment to ensure a proper fit on your firearm's rail.

The LQD lever will not close when mounted on a firearm's rail:

1. Loosen the LQD adjustment to ensure a proper fit on your firearm's rail.

The reticle is blurry and not in focus:

1. Failure to follow standard firearm safety precautions and procedures as well as the above warnings is dangerous and may results in serious injury, damage to property, or death.
2. If the reticle remains fuzzy, this is either a limitation of the reticle/red dot or due to a limitation of the eye called astigmatism. In most cases, a magnifier will limit the effects of astigmatism with its diopter adjustment, however in some extreme cases, the astigmatism cannot be completely compensated.

SIGHTMARK WARRANTY

Please visit www.sightmark.com for warranty details and information.



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