



**3X MAGNIFIER & 30MM RING
MODEL # SMAG3X/RB24**

INSTRUCTIONS

NCSTAR TACTICAL MAGNIFIER SERIES

Congratulations on the purchase of your new NCSTAR 3X Magnifier! This magnifier is equipped with many popular features: a Prismatic Lens design that provides a super sharp and clear image, both Vertical & Horizontal Adjustment Dials to help center the image in the magnifier, and a Rubber Quick Focus Ring.

NCSTAR optics are backed by a Lifetime Limited Warranty, your 3X Magnifier will provide you with years of reliable service. This Owner's Manual will help you understand all of the features of your new magnifier. Follow all instructions carefully before initial use to experience the best performance.



- 1) Ocular Lens
- 2) Rubber Quick Focus Ring
- 3) Vertical Adjustment Dial & Cap
- 4) Horizontal Adjustment Dial & Cap
- 5) 30mm Ring Mount
- 6) Upper Ring Screws

Mounting Your Magnifier

❖ **CAUTION: BE SURE THAT YOUR FIREARM IS UNLOADED AND POINTED IN A SAFE DIRECTION. PRACTICE SAFE FIREARMS HANDLING PROCEDURES AT ALL TIMES.**

Choosing a proper 30mm ring type and height is essential to successfully mounting this magnifier behind your reflex optic. The included RB24 ring height is set for the most common optic height (~1½") for AR15 reflex optics.

If the magnifier and reflex optic do not align properly, there may not be enough vertical & horizontal adjustment in the magnifier to center the reflex optic's reticle in the magnifier. You may have to purchase the proper ring/mount/riser to make sure that the optics are as close to the same height as possible for proper sighting.

We recommend that you attach the magnifier to your firearm first, before placing your reflex optic onto your firearm's rail.

Install the 30mm ring & magnifier onto your firearm's rail. Once you have the 30mm ring mounted onto the firearm, it is necessary to adjust the magnifier's position in the ring and to allow for Maximum Eye Relief. Lightly loosen the four screws on top of the Upper Ring, until the magnifier can be moved/ turned in the ring. Position the magnifier in the ring so that one of the Vertical & horizontal dial is positioned on top (12 o'clock) and the other dial positioned to the right side (3 o'clock).

Next, slide the magnifier as far forward as possible in the rings. With the firearm properly shouldered and with a normal cheek weld on the stock, look through the magnifier and move the

magnifier back towards your eye until a Full Field of View is achieved. Make sure the magnifier will be a safe distance from your eye when the firearm recoils. Once you are satisfied with your magnifier's position and placement in the ring, evenly tighten the four Upper Ring screws until the magnifier is secured in the ring. Be sure not to over tighten the ring screws, as doing so can cause permanent damage to the magnifier.

Now that you have the magnifier properly mounted onto your firearm's rail, mount the reflex optic in front of the magnifier. Mount the reflex optic as close to magnifier as you can, but make sure the optics Do Not touch each other and that you still have access to the reflex optic controls.

Focusing Your Magnifier

❖ **CAUTION: VIEWING THE SUN WITH THIS MAGNIFIER OR ANY OTHER OPTICAL DEVICE CAN CAUSE PERMANENT INJURY TO THE EYE INCLUDING BLINDNESS**

Holding the magnifier at the proper distance from your eye, in order to achieve a Full Field of View, the image through the magnifier should appear sharp and clear. If not, it will be necessary to adjust the focus by turning the Rubber Quick Focus Ring.

- Turning the Quick Focus Ring counter-clockwise will extend the Ocular Lens outward, generally suitable for those who are far sighted. Turning the Quick Focus Ring clockwise will draw the Ocular Lens inward, generally suitable for those who are near sighted.
- Fine tune your adjustments until the image appears sharp and clear. If the Ocular Lens reaches its outer limits of adjustment, be sure not to force it as doing so will cause damage to the eyepiece.

Adjustment Vertical & horizontal Dials

Your NCSTAR magnifier is equipped with Vertical & Horizontal Adjustment Dials, which moves your magnifier's prismatic lens to adjust the image position in the magnifier. This will help center the image of your reflex optic reticle in the magnifier.

To access the Adjustment Dials simply twist the protective caps off Counter-Clockwise. Set the caps aside in a safe place. Please don't forget to put the caps back on when you have finished making your adjustments.

The Vertical Adjustment Dial is located on top of the Turret Body, and is responsible for the up and down movement of the image.

- Turning the Vertical Adjustment Dial Clockwise will shift the image Down (moves reticle Up).
- Turning the Vertical Adjustment Dial Counter-Clockwise will shift the image Up (moves reticle Down).

The Horizontal Adjustment Dial is located on the right side of the Turret Body, and is responsible for the left and right movement of the of the image.

- Turning the Horizontal Adjustment Dial Clockwise will shift the image Left (moves reticle Right).
- Turning the Horizontal Adjustment Dial Counter-Clockwise will shift the image Right (moves reticle Left).

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FOR TECHNICAL ASSISTANCE CALL:
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