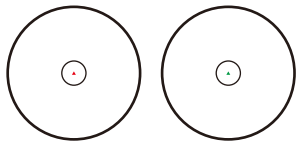
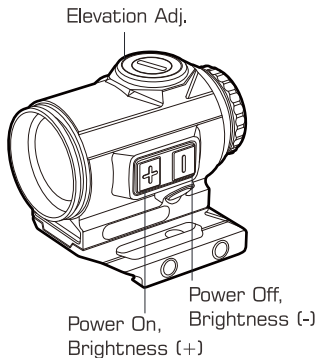
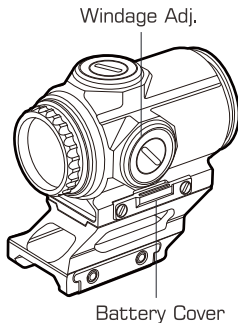


PRODUCT MANUAL

NEX-Z

**MODEL**

NEX-Z

Magnification	Light Source	Exit Pupil
1X	Red and Green	13.5 mm
Adjustment Range	Housing Material	Field of View
100MOA	6061 Aluminum	70.87 feet @100 yards
Eye Relief	Impact	Waterproof
4 inch	1000g	IPX5
Storage Temperature	Operating temperature	Housing Color
-30°~50°	-20°~40°	Matt Black
Electronic Adjustment	Weight	Battery
7 Gear	248g	CR2032

- **Micromotion Wake-Up Function.** Built-in micromotion technology automatically powers down after 225 ± 15 seconds of inactivity and reactivates with movement, optimizing battery life and readiness.
- **Precise Adjustment System.** Features 80-click adjustment with 1 MOA per click (± 0.1 MOA tolerance), minimal backlash (< 2 clicks), and clear tactile feedback for zeroing accuracy.
- **Rugged Shock Resistance.** Engineered to endure extreme conditions—tested at 800g/200 cycles and 1500g/5000 cycles—ensuring reliable performance on high-recoil platforms.
- **Wide Field of View & Eye Relief.** Enjoy a 13.5° wide viewing angle with a generous $90\text{mm} \pm 3\text{mm}$ eye relief, allowing rapid target acquisition and compatibility with eyewear.
- **All-Weather Combat Readiness** Fully waterproof (IPX7 rated), anti-fog, and temperature-resistant (-20°C to $+50^\circ\text{C}$), built to perform in the harshest environments.

Power On/Off

- Press the power button to turn on the red dot sight. Press and hold the button to turn it off.

Brightness Adjustment

- Use the "+ / -" buttons to adjust the brightness of the red dot to suit different lighting conditions.

Maintain Proper Eye Relief

- During use, ensure that your eye is approximately 90mm from the center of the sight, with an allowable deviation of ± 3 mm.

Shake Awake

- The sight remembers your last brightness setting, and automatically enters sleep mode after 225 ± 10 seconds of inactivity.

Cleaning and Maintenance

- Use a lens cloth or appropriate cleaning solution to clean the lenses; avoid scratching or damaging the coating.

Elevation Adjustment (Up/Down)

- The elevation turret is located on the top of the sight.
- Rotate the turret clockwise to move the point of impact down.
- Rotate counterclockwise to move the point of impact up.

Windage Adjustment (Left/Right)

- The windage turret is located on the right side of the sight.
- Rotate the turret clockwise to move the point of impact right.
- Rotate counterclockwise to move it left.

Click Value

- Each click moves the point of impact by 1 MOA (or your model's specific value).
- The adjustment value is printed on the turret for quick reference.

SIGHTING IN

- Following all safe shooting practices, fire a three-shot group as precisely as possible.
- Next, adjust the illuminated dot to match the approximate center of the shot group. Be sure to read Page 10 prior to making adjustments.
- Carefully, fire another three-shot group and see if the bullet group is centered on the bullseye. This procedure can be repeated as many times as necessary to achieve a perfect zero.

Reticle Does Not Illuminate

If the reticle does not illuminate, please check the following before returning the prism sight for service:

- Is the battery depleted? Replace the battery.
- Is the battery installed correctly? Ensure the "+" side is facing the correct direction as indicated in the battery compartment.
- Is the brightness set too low? Increase the illumination level to confirm visibility.
- Note: In sufficient sunlight, the etched reticle can still be used even if the battery is dead or removed.

Reticle Appears Blurry or Out of Focus

A blurry or fuzzy reticle is often caused by an incorrect diopter setting or vision-related factors:

- Is the battery depleted? Replace the battery.
- If you have astigmatism, the reticle may appear distorted. Using the etched reticle without illumination or adjusting illumination brightness may help.
- Make sure you are focusing on the reticle and not on the target while adjusting.

Shadowing or Double Image in the Viewing Window

This can occur if your eye is not aligned with the optical center:

- Ensure you maintain proper eye relief and look straight through the optic.
- Slightly adjust your head position until the full field of view appears without shadows.
- Check that the optic is mounted securely and not tilted.

Reticle Does Not Align with Iron Sights

Prism scopes function independently from iron sights. Even if both are correctly zeroed:

- The etched reticle and iron sights may not visually align.
- This is normal and does not affect accuracy.
- As long as the prism optic is properly zeroed and the reticle is placed on the target, the shot will hit the intended point of impact.



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