Congratulations on your choice of a Nikon M-223 Riflescope. Your new scope is the finest example of Nikon's rugged and durable construction and precision bright optics. Important qualities for a serious shooter's riflescope.

Whether you use your scope for hunting or for target shooting, the procedure for mounting is identical. A set of high quality steel mounting rings which have a standard diameter of 35.4 mm (1.4") are required to mount the scope. Follow the ring manufacturer’s instructions for mounting procedures. After mounting the scope on your rifle, follow the procedures for reticle alignment.

When setting the reticle for hunting, you should determine your standard range and then adjust the reticle based on that target distance. For targets which vary from that standard distance, according to personal preference, you may simply adjust the position of the reticle in relation to your target, or you may wish to use the procedure for trajectory compensation.

We hope that you will enjoy your new Nikon M-223 Riflescope for many years to come. Enjoy using it, and above all, always follow safe shooting procedures.

Caution
(1) Do NOT look at the sun through the riflescope. It will permanently damage your eye. This precaution applies to all optical devices, such as cameras and binoculars.

(2) The riflescope is effectively sealed against moisture and dust. You may use your scope safely either in the rain or in dusty climates.

N.B. Export of the products* in this manual may be controlled under the laws and relatives of the exporting country. Appropriate export mounting procedures. After mounting the scope on your rifle, follow the procedures for reticle alignment.

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1. Nomenclature

2. Specifications

3. Instructions

(1) Focusing
- Look through the eyepiece with your eye positioned about 10 cm (4") away from the eyepiece lens to see the Nikoplex Reticle (Fig. 3-1), the BDC 600 Reticle (Fig. 3-2), or the Point Blank Reticle (Fig. 3-3) depending on your purchased product. Be sure your eye is positioned within proper alignment and proper eye relief, otherwise the view will "black out.
- Point the objective end of the scope at the sky (do not look at the sun) or at a plain unalighted wall.
- Turn the eyepiece adjustment counter-clockwise and then turn it clockwise until the reticle appears sharp.

(2) Magnification
The M-223 Riflescope 1-4x00 has a variable magnification from 1 to 4x, 2-6x2 to 2.8x, 3-12x42 from 3 to 12x, 4-16x42 from 4 to 16x.

To change powers, just rotate the power selector ring until the desired magnification appears adjacent to the power index dot (Fig. 1-1, 1-2, 1-3).

(3) Adjustment of the riflescope

- Adjust the focus for the reticle at your aiming point on the target and shoot a trial round. If the bullet does not hit the aiming point, adjust the elevation and windage adjustment turrets as follows.
- If the bullet hits under the aiming point, turn the elevation adjustment (counter-clockwise) in the direction of the arrow marked "U" for up. If the bullet hits high, turn adjustment (clockwise) in the direction of the arrow marked "D" for down.
- If the bullet hits to the right of the aiming point, turn the windage adjustment (clockwise) in the direction of the arrow marked "R" for right. If the bullet hits to the left of the aiming point, turn adjustment (counter-clockwise) in the direction of the arrow marked "L" for left.

(4) Adjustable Parallax Setting
The M-223 Riflescopes 3-12x42SF and 4-16x42SF can be more precisely focused within the range of at least 50 yards (45.72 m) - infinitely by rotating the side focus adjustment turret.

By adjusting the focus, the parallax can be eliminated and sight alignment will become accurate.

Use the side focus adjustment turret to distance scale as a reference guide.

The adjusting ring has a lock system so that it will not move during shooting.

When adjusting the focus, pull out the adjusting ring. For lock position in the adjusting ring.

Note:
- The windage and elevation scales of the M-223 Riflescope are calibrated in divisions of 1/4 minute of angle, with a click at intervals of 1/8 minute of angle.

- When adjusting the refile to the point of aim, remember that one minute of angle equals approximately one inch (2.54 cm) at 100 yards (91.44 m). Therefore, if the impact point is two inches (5.08 cm) low and one inch (2.54 cm) right at 100 yards (91.44 m), you should adjust two minutes of angle up one minute of angle left.

(5) Zero setting of the Elevation and Windage Adjustment Turrets
The elevation/windage adjustment turrets have a pop-up adjusting system. After the reticle has been adjusted to the point of impact, pull out the adjustment turret.

The adjustment turret can now be turned freely. Align the zero number to the index line to set the zero setting, and then push the turrets back in to set the current position.

(6) Rapid Action Turret Technology (Nikon reticle model only)
This system, based on a 220/25.4 mm 50 gr polymer tipped bullet (204 Trap), simply and effectively allows you to dial in your elevation anywhere from 100 to 600 yards away in less than a revolution. Now you can stay in the middle of your Nikoplex crosshair at virtually any shooting distance with a quick turn of the turret.

Maintenance

1. Lens Cleaning
To remove dirt or fingerprints, soak-gauze or less cleaning paper (silicone-free paper sold at camera retailers) with a small quantity of absolute alcohol (available from drugstores) and lightly wipe off the affected areas. Wiping with handkerchief or leather may damage the lens surface and is not recommended.

Dust may scratch the lens surface or contaminate the lens.

Brush dust off using a soft oil-free brush.

2. Scope Exterior
Use a soft dry cloth to wipe off any dirt or fingerprints that might accumulate. It is not necessary to oil the scope's surface.

3. Windage/Elevation Adjustment Turrets
These adjustment turrets are permanently lubricated. Do not attempt to lubricate them.

4. Eyepiece Adjustment
This adjustment is permanently lubricated. Do not attempt to lubricate it.

5. Power Selector Ring
No lubrication is required for the power selector ring.

Do not pull up or remove the rubber covering on the zoom ring.

Waterproof models:
The riflescope is waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 2 meter for up to 10 minutes.

This riflescope offers the following advantages:

• Can be used in conditions of high humidity, dust and rain without risk of damage.
• The nitrogen filled design makes it resistant to condensation and mold.

Observe the following precautions when using the riflescope:

• The reticle should not be operated on both in running water.
• Any moisture should be wiped off before adjusting movable parts (adjustment turret, eyepiece, etc.) of the riflescope to prevent damage and for safety reasons.

To keep your riflescope in optimal condition, Nikon Vision recommends regular servicing by an authorized dealer.

* Specifications and design are subject to change without notice.

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