

Osprey Global SD1.5-5X32MDG Pistol/Scout Scope User Guide

Congratulations on your purchase of the Osprey Global pistol and or Scout scope. Osprey scopes deliver precision accuracy and can easily handle the recoil of even the largest hand gun calibers. Please note the following features on your new purchase:

LENSES/GLASS

Osprey uses Hoya glass throughout which provides unequalled brightness and clarity. Glass is fully and multi coated on all surfaces and allow the focal points and exit eye-pupils to quickly acquire the target. This technology along with reflective paint inside the housings, reduce glare while making more shots possible under low light conditions. Thus, increasing your success rate when taking that all-important shot.

WINDAGE AND ELEVATION

Your Osprey Scope has precise windage (left and right) and elevation (up and down) adjustments with audible clicks. The click value is ¼ MOA. Your windage and elevation are pre-centered at the factory to provide a maximum range of adjustment in all directions from center. The knobs are marked "UP" or "L" (left) and have an arrow indicating the direction of rotation necessary to move the point of impact.

Value of ¼ MOA in inches:

25 yards one click equals 0.06 inch

50 yards one click equals 0.12 inch

75 yards one click equals 0.20 inch

100 yards one click equals 0.26 inch

150 yards one click equals 0.40 inch

200 yards one click equals 0.52 inch

RETICLE

The SD1.5-5X32MDG pistol/scout scope model uses a standard glass etched MIL-DOT reticle. Mil dot does not refer to the military but rather the term mil is used as a shorter version for milliradian. If you are familiar with degrees as measurements of angle you will also remember that there are 360 degrees in a circle. As the circle grows larger in circumference the number of degrees does NOT change, but the distance between each degree along the circle does indeed change (increases). Degrees as you are aware divide into smaller units called minutes (the minute of angle). Degrees are divided into 60 minutes, thus at 100 yards distance the angle of one minute is approximately 1". At 200 yards a group measuring 2" center-to-center equals one minute of angle. 400 yards it is a 4" group. 50 yards a half inch group. In simplified terms, WHAT IS A MIL or milliradian, please note as follows:

One mil of angle is roughly 3.6" long at 100 yards, it will touch the center of any two dots next to each other. If it appears only half that size through the scope (from the center of one dot to half the distance to the next center) your target should be 200 yards away. Thus, if the same bullseye spans the distance between the centers of THREE dots (two with an extra dot between them) your target is 50 yards away. You can also use mils when shooting in a crossing using additional aim points to compensate for your wind drifts. This can be achieved without mathematical equations by simply noticing your point of impact in relation to the dots. Then noticing your strike points and compensating by aiming from one side by placing a dot along the horizontal reticle over the target instead of on the crosshairs. By choosing the correct dot you can then easily adjust for the drift and end up with a very accurate shot each time.

EYEPiece FOCUSING

The purpose of eyepiece focusing is to adjust the scope so that the reticle (crosshairs) appear clear and sharp. All Osprey riflescopes are factory set for 20/20 or corrected to 20/20 vision. If the reticle does not appear sharp, you can adjust by rotating it counterclockwise away from the eyepiece. Point the scope at a bright, featureless surface any distance away (blank wall, sky, a sheet of white paper) and with your eye about three inches from the eyepiece, rotate the eyepiece clockwise or counterclockwise until the reticle becomes clear and sharp.

ZOOM

The zoom feature enables the shooter to accommodate a wide variety of shooting situations. To change magnification, simply rotate the power knob. When hunting, it is generally best to use the lowest magnification setting for the widest field of view and brightest image and save high magnification for stationary game at long range.

MOUNTING YOUR SCOPE

To get the best performance from your Osprey scope, it must be mounted properly. If you are not familiar with mounting a riflescope, it is strongly recommended that you seek the assistance of a professional gunsmith. If you decide to mount it yourself proceed as follows:

1. Your Osprey scope comes equipped with weaver style ring mounts. Examine your mounting rail or grooved receiver to determine if you have the correct ring mounts. If so, loosen the mount screws and attach to your rail. Tighten the screws, but leave them loose enough so that the scope can be slid forward and backward and rotated.
2. With the firearm held in a comfortable shooting position, slide the scope forward and backward until a full field of view is achieved.
3. Rotate the scope so that the elevation knob is on top, the windage on the right side and the vertical and horizontal portions of the crosshair are aligned with your firearm.
4. Carefully tighten the screws and double check that you have enough distance between your eye and the scope to avoid contact under recoil and that the scope's vertical and horizontal is aligned with your firearm. For additional security, a drop of thread-locking fluid can be added to the screws before final tightening.

CARE & MAINTENANCE

Your Osprey scope is extremely durable, but it is a precision instrument and should be treated with reasonable care. When not in use, be sure to cover the objective and ocular lenses with the provided lens caps. Should your lenses become dirty, blow loose materials off the lenses before cleaning. Use lens cleaning fluid and a soft cloth to dab at the surface and remove any abrasive bits of dust and dirt before applying pressure. The body of the scope should be wiped down occasionally to remove fingerprints or dust. Do not use oil or solvent as these may be harmful if inadvertently rubbed onto the optical coatings.

SPECIFICATIONS

Magnification: 1.5x-5x

Lens objective: 32mm

Exit pupil distance: 67.1-90mm

Field of View: 13-38 inches @ 100 yds

Reticle Image Plane (magnifying)-Second Focal Plane

Weight: 335g

Length: 220mm

Finish- Matte Black

MOA- 1/4

Reticle Color: Red, green and blue illumination, each in 3 level controls

Reticle Type: Glass Etched Mil Dot Reticle