

OSPREY FIRST FOCAL PLANE MANUAL

Osprey's new first focal plane 10 X variable scopes place the glass etched reticle at the front of the erector assembly thus allowing the values to remain in proportion throughout the magnification settings. This allows the shooter to know that the (milliradian) stays true and each MIL will drop 3.6" at a given distance. On first focal plane scopes the lower the magnification the smaller the reticle will be, as this scope is magnified the reticle grows. Osprey makes a wide variety of FFP scopes but the new Elite Series affords the most variables ever made in a first focal plane scope. Osprey now offer the following configurations:

FFP1-10X28

FFP2-10X52

FFP3-30X56

FFP4-40X56

UNDERSTANDING SCOPE ADJUSTMENTS

Majority of scopes adjust in 1/4" clicks some in 1/8", 1/2" or even in 1 MOA per click. The new Osprey 10 X variables offer

three different adjustments, 1/2" on our 1-10, 1/4" on the 2-20 & 3-30 scopes while 1/8" on our incredible long distance 4-40 scopes. Putting 40 power into perspective this turns what was a seemingly impossible distance of say one mile into a distance of 44 yards.

To better understand how to make these adjustments lets use 1/4" clicks and these four scenarios, please note as follows:

1. If your scope adjustments are 1/4" MOA per click and you want to adjust up 2 MOA at 100 yards, you need to realize that 4 clicks equal 1 MOA so you will need to make 8 clicks.
2. If 1 MOA is 1" at 100 yards what is 2" at 200 yards? The answer is still just 1 MOA. A MOA is an angular measurement that gets bigger with distance. For example 1" at 100 yards and 12" at 1,200 yards BOTH are 1 MOA !!!!
3. If your bullets are impacting 16" to the left at 800 yards (wind not being an issue) how many MOA do you need to adjust ? Think in MOA, 1 MOA at 800 yards is 8", you would need two 8" adjustments or 2 MOA. So if your scope is 1/4" clicks you will need to make 8 clicks to the right

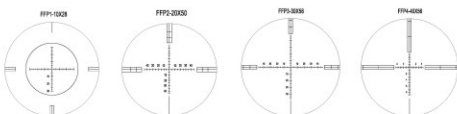
4. If your scopes is in 1/4" MOA per click how many clicks are needed on the scope to adjust 10" at 200 yards ? 1 MOA at 200 yards is 2" so you would need 5MOA of adjustment or 20 clicks.

MILS AT A GIVEN DISTANCE

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 3.6" | 7.2" | 10.8" | 14.4" | 18" |
| 100 YARDS | 200 YARDS | 300 YARDS | 400 YARDS | 500 YARDS |

| | | | | |
|-----------|-----------|-----------|-----------|-------------|
| 21.6" | 25.2" | 28.8" | 32.4" | 36" |
| 600 YARDS | 700 YARDS | 800 YARDS | 900 YARDS | 1,000 YARDS |

PICTURE OF EACH RETICLE WITH VARIABLE MEASUREMENTS



SPECIFICATIONS FOR OSPREY RIFLE SCOPE SPECS

FFP1-10X28

FFP2-20X50

FFP3-30X56

FFP4-40X56



| Specification | ES1-10x28FFP | ES2-20x50FFP | ES3-30x56FFP | ES4-40x56FFP |
|---------------------------------|--------------|--------------|--------------|--------------|
| Magnification | 1-10 | 2-20 | 3-30 | 4-40 |
| Objective(mm) | 28mm | 50mm | 56mm | 56mm |
| Tube Diameter(mm) | 35mm | 35mm | 35mm | 35mm |
| Field of View(feet at 100yds) | 118.7-10.99 | 58.8-5.55 | 39-3.66 | 29.3-2.72 |
| Parallax(yards) | 100yds | 10yds-∞ | 15yds-∞ | 50yds-∞ |
| Reticle Image Plane(Magnifying) | Mil line | Mil line | Mil line | Mil line |
| Exit Pupil(mm) | 12mm-2.8mm | 12mm-2.6mm | 9.3mm-1.86mm | 10mm-1.4mm |
| Eye Relief(inches) | 3.7"-3.64" | 3.2"-3.58" | 3.52"-3.6" | 4"-3.63" |
| Length(inches) | 11.6" | 16.1" | 17.9" | 19" |
| Weight(ounces) | 42.32 | 58 | 62.8 | 64 |
| Finish | Black Matte | Black Matte | Black Matte | Black Matte |
| MOA | 1/2" | 1/4" | 1/4" | 1/8" |
| Elevation/Windage Adjustment | ±70" | ±70" | ±40" | ±35" |
| Diopter Adj | ±2.5" | ±2.5" | ±2.5" | ±2.5" |