

LYNX instruction supplement for adjustable objective riflescopes.

Revision 1.0

Parallax correction:

Some Lynx riflescope models have adjustable objectives to correct for parallax at a given distance.

A riflescope has two focus planes; the plane in which the image is focussed and the plane of the graticule. In order for parallax correction to be effective, the riflescope should be correctly focussed for the individual who is using it. Please be sure to follow these instructions quoted below from the Lynx Riflescope Instruction Manual, .

All Lynx riflescopes are factory set for shooters with 20/20 vision. In order to give you the best image and to prevent eye fatigue when shooting for long periods of time, the first thing to do is to focus the scope for your eyes. As you may remember the scope superimposes the target onto the graticule in order to give you one image at which to aim, so the best way to focus the scope is bring the graticule into sharp focus (and thereby bringing the image into sharp focus) while your eyes are relaxed. You would find that if you tried to focus the *image* instead of the graticule, you would have to focus through the scope at an object 100 metres away and it would be far more difficult to be sure that the image is sharp and your eyes relaxed.

Begin by turning the eyebell of the scope anti-clockwise until it stops, then look through the scope at a well lit featureless area such as a nearby wall or cloudless sky - remember that the object of the exercise is to see nothing but the graticule through the scope - you should see a very unsharp graticule. Now without looking through the scope, give the eyebell a couple of clockwise turns at a time. After each adjustment, look away from the scope or close your eyes for a moment to relax them and prevent them from bringing the graticule into focus. This action should be repeated until the graticule immediately appears crisp and sharp at a quick glance,

It may be necessary to check and re-adjust the focus if the scope is being used by another person or if your eyesight undergoes significant change.

The parallax scale on the objective bell on some Lynx models is inscribed in two colours; gold and black on silver finish scopes and gold and white on black finish scopes. By rotating the adjustable objective all the way out (anti-clockwise), it can be seen that the index line on the body of the scope has the same two colours as the parallax scale; gold which is visible when the objective is turned inward, and white (or black) which becomes visible when the objective is turned more than one revolution outward. When white (or black) is visible on the index line, the white (or black) numbers on the parallax scale apply. When only gold is visible on the index line, the gold number on the parallax scale apply.

Once the riflescope has been correctly focussed for the shooter's eye, parallax can be set either by focussing the scope manually or by setting the objective to the desired distance as shown on the parallax scale. To focus the scope manually, sight through the scope at the target and rotate the adjustable objective until the both the image and the graticule are sharply in focus. To use the parallax scale settings, rotate the adjustable objective until the desired range printed on the parallax scale lines up with the index line on the body of the riflescope.

NB: Please note that changes in temperature and altitude can effect the accuracy of the parallax scale.