

Owner's Manual

*Lynx Series 90
Hunter Binoculars*



- D1. Left eyepiece dioptre
- D2. Right eyepiece dioptre
- D3. Push down eyecups

INSTRUCTIONS FOR USE

This binocular does not have to be focussed excepting for very close subjects (nearer than 20 metres) or very far subjects (on the horizon). People with 20:20 eyesight and those wearing prescription spectacles or contact lenses will

find that all subjects from about twenty metres to several hundred metres are in focus when the binocular eyepieces are set to the "0" position. When utmost sharpness is required for subjects on or near the horizon, adjust both eyepieces in the minus direction. For very short distance the adjustment is made in the plus direction.

People with less than 20:20 eyesight should equalize the binoculars for their eyesight as instructed under step 2 "Equalizing The Binocular For Your Eyesight".

1. IPD (INTERPUPILLARY DISTANCE)

Adjust the eyepieces to fit the distance between your eye pupils by grasping the binocular with both hands and bending it at the hinge until you see a single circle of view.

2. EQUALIZING THE BINOCULAR FOR YOUR EYESIGHT(ONLY NECESSARY ONCE)

- i. Close your right eye and look through the binocular's left eyepiece (D1) at an object about 100 metres away — preferably a signboard with printed wording or something similar. Focus by adjusting the left eyepiece dioptre (D1) clockwise or anticlockwise.
- ii. Close your left eye and look through the right eyepiece (D2) at the same object sighted in the first step. Focus by adjusting the right eyepiece dioptre (D2) clockwise or anticlockwise.
- iii. Open both eyes and looking through both binocular eyepieces fine adjust both of the dioptre eyepieces clockwise and anticlockwise until the image “feels” the same to both eyes.
- iv. The binocular should now be focussed from 20 metres to infinity without the need for further adjustment. Make a note of the left and right dioptre settings for future use.

NOTE: When wearing spectacles set both the dioptre eyepieces to the neutral “0” position.

3. PUSH DOWN EYECUPS

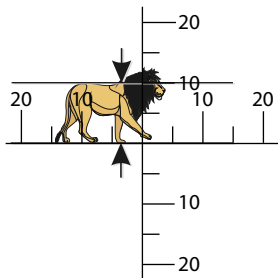
Lynx Series-90 binoculars feature push-down eyecups to adapt them for spectacle wearers: Gently press on the top of the eyecups so that they concertina evenly down as shown in the diagram marked (D3) opposite. Leave the eyeguards extended when not wearing spectacles.

4. CARING FOR YOUR BINOCULAR

Being waterproof and filled with dry nitrogen Lynx Series-90 binoculars are impervious to dust and moisture ingress. However it is recommended that you store your binocular in its case in a dry place. Keep the lens surfaces clean by using the enclosed microfibre cloth. Avoid hard rubbing, which might scratch the lens surface, and avoid a circular motion when cleaning. One or two drops of isopropyl alcohol or a good lens cleaning solution may be used to remove smudges.

5. MIL-GRADUATED GRATICULE

Your binocular may be fitted with a MIL-graduated graticule, which is useful in determining the distance to a subject provided you know its size. To determine range, multiply the subject size in metres by 1000 and divide the result by the MIL figure you get when sizing the subject against the MIL-graduated reticle. The result of this simple formula is the target distance in metres.



Looking through your binocular you see a male lion that measures 10 MIL at the shoulder. Knowing that the average shoulder height of a male lion is 1.2 metres, you multiply 1.2 by 1000, and divide the result by the MIL reading as read off the MIL-graduated graticule, which tells you that the lion is 120m away.

$$\frac{1.2m \times 1000}{10} = 120m$$

A chart of average shoulder heights for South African game animals is available on request from Lynx, or for download off our website www.lynx.co.za.

The MIL-graticule is factory fitted into the left binocular barrel, and is set to be square when the binocular IPD (see step 1) is set to 64mm. If the reticle image appears skew, the "squared" IPD distance can be changed on request at no charge.

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