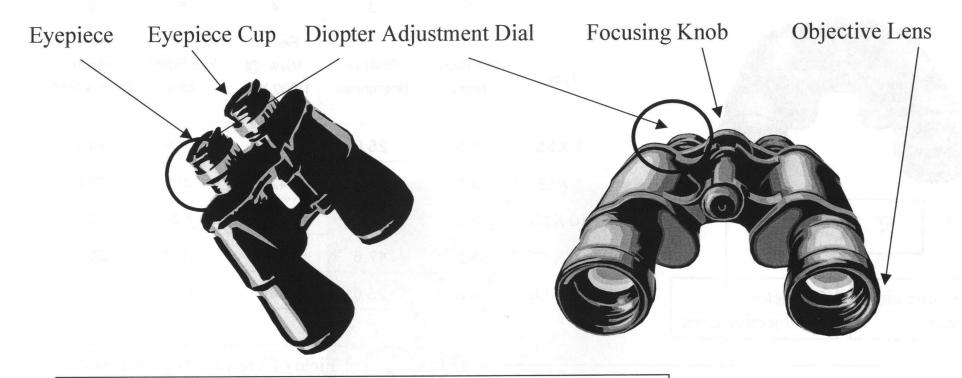
Binocular Basics

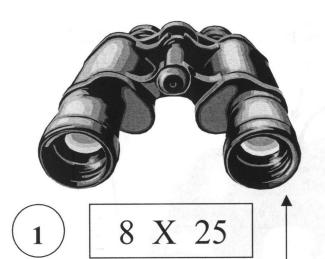


Adjust the binoculars between your eyes by looking through them at a distant object and fold or unfold them until you see a single circular image.

Diopter Adjustment - Used to correct any difference of vision between your eyes.

- 1. Look through binoculars at a distant object
- 2. Cover the right side of the binoculars and turn the focusing knob until the subject appears in sharp focus.
- 3. Cover the left side and view the same subject through the right side.
- 4. Turn the Diopter adjustment dial until the subject appears in sharp focus.
- 5. The (+ -) indicators on the diopter adjustment dial will help you reset the adjustment at a later time.

Binocular Basics



Magnification Power

Diameter of Objective Lens

Examples

Sample constitution of the sample sam	1	2	3	4	5	6
вы двеставляет от простоят поставляет в предеставляет в предуставляет в представляет в предоставляет в предост	Type	Exit Pupil (mm)	Relative Brightness	Field of View @ 1,000 Yds. (ft.)	Eye Relief (mm)	Weight (oz.) & Size
	7 X 35	5.0	25.0	487	11.9	24.3
	8 X 25	3.1	9.8	429	10.0	12.0
	10 X 25	2.5	6.3	325	8.8	12.0
	10 X 42	4.2	17.6	338	18.0	30.0
	10 X 50	5.0	25.0	340	11.8	33.9

Exit Pupil =

Diameter Magnification

=(25/8)=3.1

Exit Pupil = Diameter of shaft of light that reaches your eyes' pupils. Large exit pupils provide a bright image and make it easier to maintain a full image when you move your hands. (For dusk & dawn viewing use EP 4+mm)

Field of View (FOV) = The width of the area you can view in a single glance 1,000 yards from where you stand.

5

Eye Relief = Distance you can be from eyepiece and still see a full image. (Glass wearers 11+mm)

Relative Brightness = Square of the exit pupil. The larger the number the better. (Example: 3.1 * 3.1 = 9.8)



Weight & Size = Tradeoff with other features! Select based on intended use.