



BASIC OPERATION

Adjust the Eyecups

The eyecups on the Crossfire[®] HD binocular twist up and down so any viewer can see the full field and enjoy comfortable viewing—with or without eyeglasses.

When not using eyeglasses or sunglasses, keep the eyecups fully extended. For the best viewing when wearing glasses, twist eyecups down.



Adjust the Interpupillary Distance

The interpupillary distance (IPD) is the distance between the center of your left and right pupils. Match the IPD of your eyes and your binocular by rotating the barrels in or out until you see a single image free of shading.



IPD
Distance between the centers
of the ocular lenses.

Rotate the barrels in or out to
match the IPD of your eyes
with that of the binocular.

Properly Focus the Binocular

For the best results, follow this two-step process to properly adjust the center focus and diopter. Choose an object about 20 yards away and stay in the same spot until you have adjusted the binocular for your eyes.

1. **Adjust the center focus:** Start by closing your right eye or covering the right objective lens with your hand. Focus your left eye on the object and adjust the center focus wheel until the image is in focus. Leave the center focus in this position as you adjust the diopter.



2. **Adjust the diopter:** Start by closing your left eye or covering the left objective lens with your hand. Look through your right eye and adjust the diopter ring (found on the right eyepiece) until the object is in focus. Make note of this diopter setting in case you need to set it again. From this point on, you will only need to use the center focus wheel.

