

Deep Sea 7x42 Monocular

CAUTION: DO NOT LOOK DIRECTLY AT THE SUN VIEWING THE SUN OR ANY LIGHT SOURCE WITH THIS OPTICAL DEVICE CAN CAUSE PERMANENT EYE DAMAGE.

INSTRUCTIONS FOR USE

1. Remove eyepiece / focuser cover and objective lens cover.
2. Hold monocular up to eye with one hand using attached handle. With the other hand, focus on an object in the distance by rotating focuser.

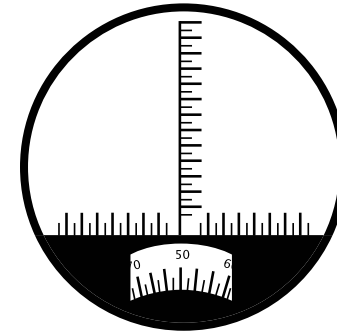
HOW TO CARE FOR YOUR MONOCULAR

1. When wiping the eyepiece or objective lens, use the included lens cloth or a soft lint-free cloth.
2. To remove any remaining dirt or smudges, add 1 or 2 drops of alcohol to the cloth and gently wipe objective lens and eyepiece.
3. Store monocular in a moisture-free area.

IMPORTANT: Never attempt to clean your monocular internally or attempt to take it apart.

USING THE INTERNAL RANGEFINDER

To use the rangefinder scale, you will need to know either (1) the height or (2) the distance of the object. When the height of the object is known, the rangefinder scale can provide the distance to the object. When the distance of the object is known, the rangefinder scale can provide the height of the object. Each mark on the vertical scale has a value of 5MIL (1 MIL is equivalent to an angle that can determine an object one meter in height at a distance of 1000 meters.); therefore, by counting the number of MILs, you can determine how far away or how big an object is. Align the horizontal scale with the base of the object measured, and use equation below to find the DISTANCE or SIZE of the object.



INTERNAL RANGEFINDER AND DIRECTIONAL COMPASS RETICLE

To Measure the Distance

To measure the DISTANCE (object height must be determined):

$$\text{Distance} = \frac{1000 \times \text{Object Height}}{\text{Rangefinder Scale Reading}}$$

To Measure the Size

To measure the size (object distance must be determined):

$$\text{Size} = \frac{\text{Distance} \times \text{Rangefinder Scale Reading}}{1000}$$

USING THE DIRECTIONAL COMPASS RETICLE

The compass scale is in one degree increments. It is aligned with the vertical range finding scale. North is represented as 0°, East as 90°, South as 180° and West as 270°. When using the compass, bear in mind the local variation between magnetic North and true North. NOTE: Compass does not operate in southern hemisphere. Compass accuracy is limited and should not be used for navigation.