

G. Instructions for Care

1. To protect the binoculars, store them in their case and keep them in a dry area.
2. Clean the lenses with a soft, lintless cloth when needed.
3. Any remaining dirt or smudges can be removed by adding a drop or two of isopropyl alcohol to the cloth.

Very Important

It is not necessary to clean binoculars internally. Attempting to take binoculars apart or clean them internally will result in damage.

Caution

Do not use this product to view the sun. Looking directly into the sun, with or without binoculars, can cause permanent eye damage.

LIMITED WARRANTY

West Marine warrants to the original purchaser of this product, should it prove defective by reason of improper workmanship and/or material.

For thirty years from the date of the original purchase at retail, West Marine will replace, without charge for the part. The replacement product is warranted for the remainder of the original warranty period.

To obtain warranty service, you must return a defective product to the nearest West Marine store. Shipping expenses are the purchaser's responsibility. Proof of purchase is required when requesting warranty service. Purchaser must present the sales receipt or other document that establishes proof of purchase.

West Marine, at its sole discretion, will repair or replace the product for new or a comparable rebuilt product or parts, issue a credit or send a refund for any product determined by West Marine to be defective and covered under this limited warranty. This limited warranty is subject to operation within published specifications, covers normal consumer use and does not cover defects caused by shipment or that result from accident, misuse, abuse, neglect, commercial use of the product or that result from modification, or alteration, or operation of it in a manner contrary to the accompanying instructions. This warranty also excludes all costs arising from installation, if any.

ANY EXPRESS WARRANTY NOT PROVIDED IN THIS WARRANTY DOCUMENT, AND ANY REMEDY FOR BREACH OF CONTRACT THAT, BUT FOR THIS PROVISION, MIGHT ARISE BY IMPLICATION OR OPERATION OF LAW, IS EXCLUDED AND DISCLAIMED. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR ANY PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO A TERM OF THIRTY YEARS. SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IT IS UNDERSTOOD AND AGREED THAT WEST MARINE'S LIABILITY AND THAT OF ITS PARENT, SUBSIDIARIES, AFFILIATES, ASSIGNEES, LICENSEES, AND SUCCESSORS IN INTEREST, AND YOUR SOLE REMEDY, WHETHER IN CONTRACT, UNDER ANY WARRANTY, IN TORT (INCLUDING NEGLIGENCE), IN STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY YOU, AND UNDER NO CIRCUMSTANCES SHALL WEST MARINE NOR ITS PARENT, SUBSIDIARIES, AFFILIATES, ASSIGNEES, LICENSEES OR SUCCESSORS IN INTEREST BE LIABLE FOR ANY DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, DAMAGE TO OR LOSS OF EQUIPMENT, LOST PROFITS OR REVENUE, COSTS OF RENTING REPLACEMENTS AND OTHER ADDITIONAL EXPENSES, EVEN IF WEST MARINE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE PRICE STATED FOR THE PRODUCT IS A CONSIDERATION IN LIMITING WEST MARINE'S LIABILITY AND YOUR REMEDY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE AND/OR PROVINCE TO PROVINCE.

West Marine® Tahiti 7X50 Binoculars

Waterproof
Fog-proof

For use in any weather
Internal rangefinder scale & bearing compass

Instructions for Use

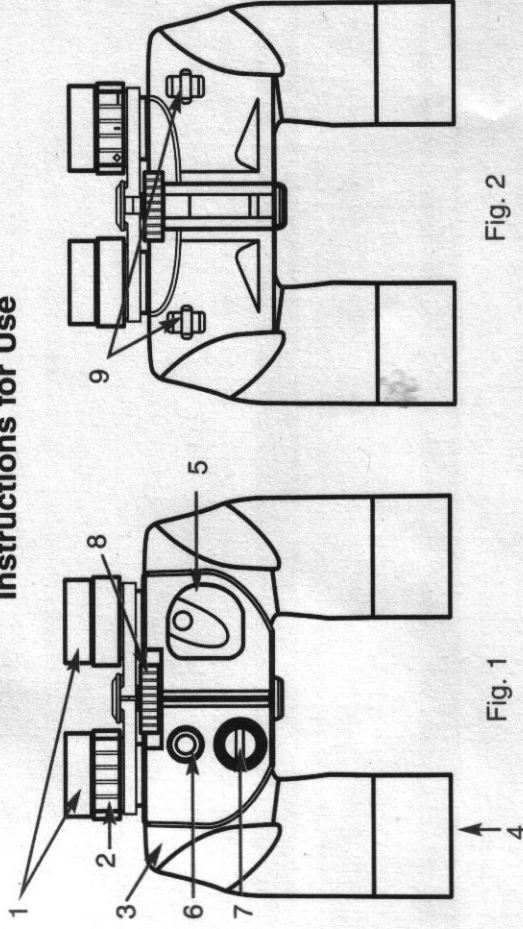


Fig. 1

Fig. 2

Main Features:

- Waterproof, dust-proof, all-weather binoculars are suitable for use in all conditions. Ideal for rugged activities such as watersports and mountaineering.
- Nitrogen gas inside the binoculars eliminates fogging and mold on the internal lens surfaces, even during severe weather conditions.
- Internal rangefinder scale and bearing compass with illumination switch indicates the distance or size of objects being viewed, along with their direction.
- Hi-index Bak-4 prism creates a bright, sharp image with vivid contrast, providing a clear view of objects.
- Rubber-coated body provides great shock resistance and a comfortable grip.

Binocular Parts (Fig. 1 & 2)

1. Rubber eyecups
2. Adjustable eye-piece diopter
3. Main body
4. Objective lens
5. Compass housing
6. Compass light switch
7. Battery compartment
8. Center focus knob
9. Strap holders

West Marine

1-800-BOATING • www.westmarine.com

A. Eyepiece Distance Adjustment

For best viewing, the binoculars should be adjusted for the individual user so that eyepieces line up with the user's eyes:

1. Hold the binoculars in a normal viewing position.
2. Grasp each barrel firmly. While looking through the binoculars, adjust the barrels until you see a single, circular field of view. Reset the binoculars to this position each time you use them. The eye distance setting is indicated on the scale located on the binocular hinge.

B. Diopter Setting and Center Focus

1. Set the right eyepiece (2) to zero and look at a distant object.
2. Keeping both eyes open, cover the right objective (front) lens with your hand, then adjust the center focus wheel until an image in the left eyepiece appears sharp.
3. Cover the left objective (front) lens with your hand, then rotate the right eyepiece until the image appears sharp again.
4. Diopter setting is now correct for your eyes, and you need only adjust the center focus to view objects at different distances. Note the diopter setting for future use.

C. Roll-down Eyecups

To use binoculars while wearing eyeglasses or sunglasses, roll down the eyecups (1). This will allow you to bring your eyes closer to the binoculars, improving your field of view.

D. Floating Strap

Prior to water activities, make sure the floating strap is securely attached to the binoculars. This strap is designed to keep binoculars afloat if they are dropped into the water.

E. Reading the Rangefinder Scale

The rangefinder scale is a useful navigation tool if you know the size or distance of an object. If you know an object's size, you can use the rangefinder to calculate its distance. Conversely, if you know the object's distance, the rangefinder can tell you its size.

1. To measure distance, simply apply the following formula:

$$\text{Distance} = \frac{100 \times \text{Object Height}}{\text{Rangefinder Scale Reading}}$$

Example: if the object is 20 meters high and the rangefinder scale reading is 1.6 (Fig. 3), then:

$$1.6 (\text{rangefinder scale reading}) \times 100 = 1,250 \text{ M (distance)}$$

2. To measure size, the formula becomes:

$$\text{Object Size} = \frac{\text{Distance} \times \text{Rangefinder Scale Reading}}{100}$$

100

Example: if the object is 1,250 meters away and the rangefinder scale reading is 1.6, then:

$$1,250 \text{ M (distance)} \times 1.6 = 20 \text{ M (object size)}$$

100

F. Using the Bearing Compass

1. To read the bearing compass:

When you look through the left eyepiece, you will see a bearing compass window with figures and graduations below the field of view. The bearing compass shows directions as angles: north is 0°, east is 90°, south is 180° and west is 270°. Each graduation mark in the compass represents 1°.

To determine an object's direction, first align the object with the rangefinder scale in the center of the field. Then read the compass, reading the graduation mark that lines up with the reference line in the center of the bearing compass.

Note: the compass is oriented to "magnetic north," which differs from "true north." True north is the same throughout the world, while magnetic north varies depending on location.

2. To locate your position:

These binoculars, together with a map and protractor, can be used to locate your position. For example, the binoculars plus the map in Fig. 4 could be used to determine the location of a boat sailing within the map's area.

- a. First, from the boat, use the binoculars to locate the buoy shown on the map. In this example, the bearing compass would show that the buoy is located 190° from the boat.

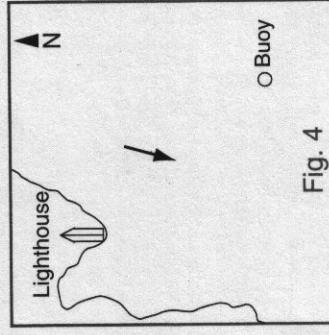


Fig. 4

- b. Use this information to determine the direction from the buoy to the boat. (To do this, subtract 180° if the object's reading is 180° or greater; add 180° if the reading is less than 180°.) So, 190° (direction from boat to buoy) - 180° = 10° (direction from buoy to boat).

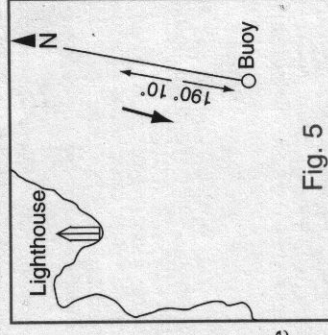


Fig. 5

- c. On the map, draw a line from the buoy extending in a 10° direction (10° from magnetic north). You now know your boat is somewhere along this line (Fig. 5).
- d. To determine your boat's exact position, use the binoculars to locate a second object, the lighthouse. The bearing compass will show that the direction from your boat to the lighthouse is 300°.

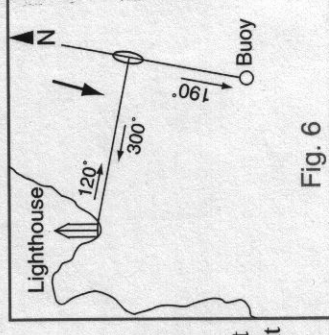


Fig. 6

- e. Then calculate the direction from the lighthouse to your boat: 300° - 180° = 120°.
- f. Finally, draw a line extending 120° from the lighthouse (Fig. 6). Your boat is located at the point where the two lines intersect.

3. Compass light:

To read your compass in the dark, press the compass light switch (6), which will illuminate it in red light. If the light becomes faint, change the light battery (LR43 X 2, alkaline batteries). Unscrew the cover of the battery compartment (7) and change the battery.

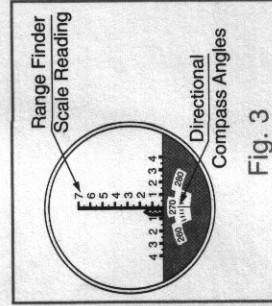
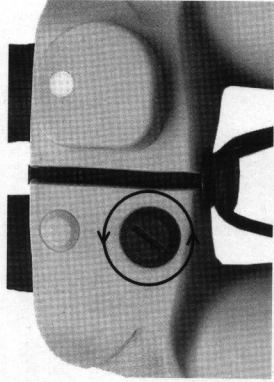
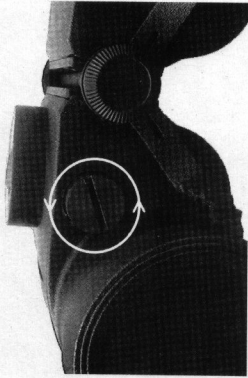


Fig. 3

HOW TO PLACE THE BATTERY

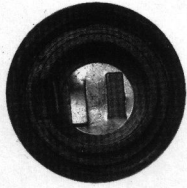


1-1



1-2

Find out the place as showed in the picture.



2

Unscrew the cover.

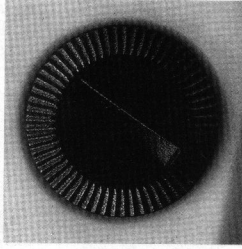


3



4

Place two *non-magnetic* batteries which positive polarity is faced up.



5

Tight the cover.