



FUJIFILM 7X50 WP-XL Mariner Binoculars Instruction Manual

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FUJIFILM 7X50 WP-XL Mariner Binoculars



Read these instructions thoroughly before using the product and then store these in a safe place.

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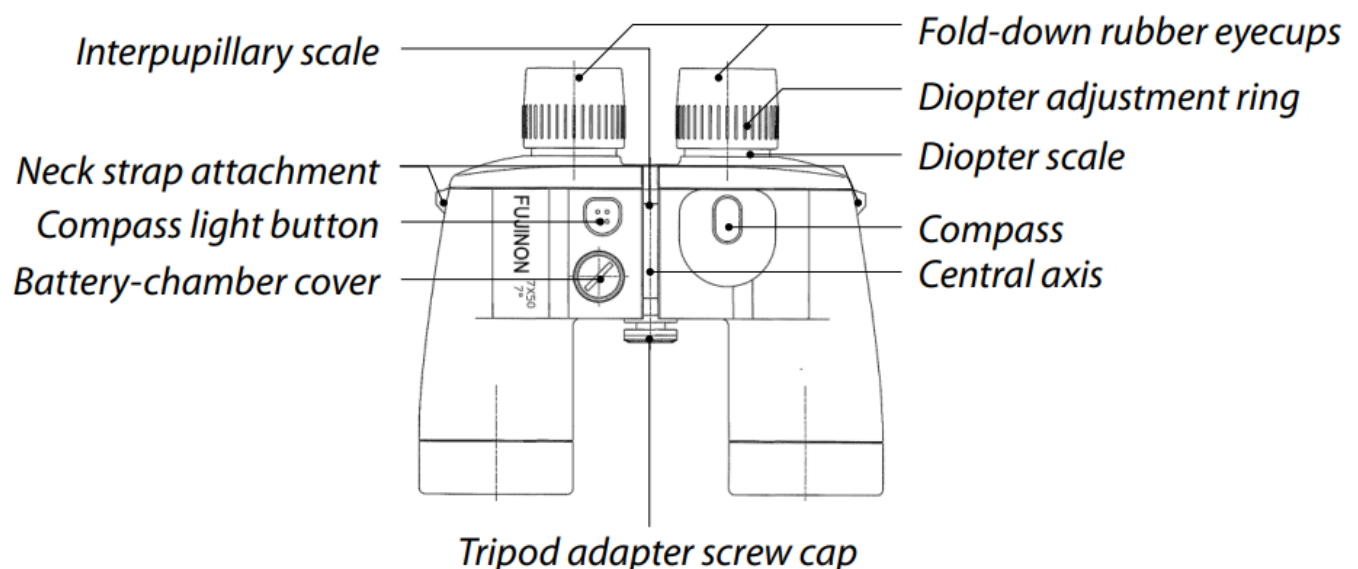
Before You Begin

1. Check that the package contains all the supplied accessories listed below.
2. Read “For Your Safety” to ensure safe operation.
3. Read this manual thoroughly before using the product.

Supplied Accessories

- Neck Strap
- Cleaning cloth
- Eyepiece cap
- Case
- Lens cap
- Instruction manual

Parts of the Binoculars



Specifications

Model/Item	7X50 WP-XL	7X50 WPC-XL (With Compas)
Magnification	7X	7X
Objective lens diameter	50 mm	50 mm
Exit pupil	7.1 mm	7.1 mm
Relative brightness	50.4	50.4
Apparent field of view	7°30'	7°
Field of view at 1000m	131 m	122.4 m
Maximum width	201 mm	201 mm
Minimum width	183 mm	183 mm
Height	180 mm	180 mm
Weight	31 oz./885 g	32 oz./910 g

Improvements may result in unannounced changes to product specifications.

For Your Safety

- Although this product is designed with safety in mind, we ask that you read and observe the following safety precautions.
- Keep this manual where it will be seen by all who use the product.



WARNINGS

Failure to observe warnings could result in death or serious injury.



CAUTIONS

Failure to observe cautions could result in injury or property damage.



WARNINGS

- Never use the binoculars to look at the sun. Doing so could cause blindness.



- Should you notice anything unusual about the product, such as overheating, smoke, or a burning smell, turn it off and remove the batteries immediately.
Failure to observe this precaution could result in fire or burns. When removing the batteries, take care to avoid burns.
- Remove the batteries immediately should water, metal, or other foreign matter find their way inside the product.
Failure to observe this precaution could result in fire or in the product overheating.
- Do not use the product in the presence of flammable gases or liquids such as gasoline, benzine (petroleum ether), or paint thinner. Failure to observe this precaution could result in explosions, fire, or burns.
- Do not drop or strike the product or expose it to flame or heat. Failure to observe this precaution could cause the casing to rupture.
- Do not place the product on unstable surfaces. Injury could result if the product tips or falls.
- Do not use the product while walking. Failure to observe this precaution could result in collisions, falls, or injury.
- Operators could pinch their fingers when adjusting eye width. Observe caution when allowing small children to use the product.
- Do not leave the product in direct sunlight. Failure to observe this precaution could result in fire.
- Deterioration of the rubber eyecups as the result of prolonged use could cause inflammation of the skin.
Consult a physician should experience symptoms that could be the result of inflammation.
- Consult a physician immediately should a child swallow a cap.
- Plastic bags and wrapping are a suffocation hazard. Keep them out of reach of children.
- Under no circumstances should you attempt to disassemble the product.
Failure to observe this precaution could result in injury. Disassembling the product also voids the warranty.



WARNINGS (Batteries)

- To prevent serious accidents caused by the batteries overheating or leaking, never:
 - Use batteries if the nominal voltage cannot be determined or exceeds 1.5 V
 - Mix batteries of different types and makes
 - Mix fresh and used batteries
- Do not use the product if the batteries are not inserted with the “+” and “-” contacts in the correct orientation.
- Do not short or disassemble batteries or expose them to heat or flame. Failure to observe this precaution could result in the batteries rupturing or cause fire or injury.
- Refer to the documentation provided by the manufacturer for information on the use and storage of, and operating conditions for, (LR43) batteries.



CAUTIONS

- In the event of product malfunction, do not attempt to repair the product yourself. Consult the original retailer.
- Should the product break open as the result of a fall or other accident, do not touch the exposed parts. Failure to observe this precaution could result in injury.
- Do not touch the interior of the battery chamber with metal objects. Failure to observe this precaution could result in injury or product malfunction.
- Remove the batteries if the product will not be used for an extended period.
After removing the batteries, reinsert the battery cover to protect the product during storage.
- Keep the product out of reach of children. Failure to observe this precaution could result in injury.
- Do not place the product under blankets, cloths, cushions, or the like. The buildup of heat could deform the casing or cause fire.
- Should liquid from the batteries come into contact with skin or clothing, flush the affected area with water.
Should battery liquid enter the eyes or mouth, flush the affected area with water and consult a physician immediately.

FCC Statement

For Customers in the U. S. A.

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE



FCC Statement: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For Customers in Canada

CAN ICES-3 (B)/NMB-3(B)

CAUTION: This Class B digital apparatus complies with Canadian ICES-003.

Disposal of Electrical and Electronic Equipment in Private Households



In the European Union, Norway, Iceland and Liechtenstein: This symbol on the product, or in the manual and in the warranty, and/ or on its packaging indicates that this product shall not be treated as household waste. Instead it should be taken to an applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.



This symbol on the batteries or accumulators indicates that those batteries shall not be treated as household waste.

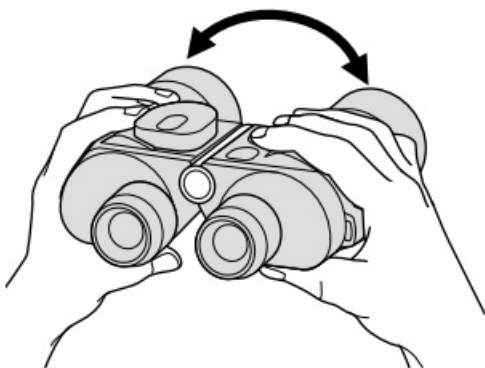
If your equipment contains easy removable batteries or accumulators please dispose these separately according to your local requirements.

The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

In Countries Outside the European Union, Norway, Iceland and Liechtenstein: If you wish to discard this product, including the batteries or accumulators, please contact your local authorities and ask for the correct way of disposal.

Using the Binoculars

Adjusting the Interpupillary Distance



1. Look through the binoculars with the rubber eyecups resting lightly against both eyes. If you wear glasses, fold the eyecups back toward the binoculars.
2. Adjust the interpupillary distance (the distance between the two eyepieces) by slowly moving the barrels together or apart around the central hinge until you see a single, perfectly round image.

Noting the distance shown on the interpupillary scale lets you quickly restore the binoculars to the desired position the next time you use them.

Note: Never use excessive force when adjusting the interpupillary distance.

Adjusting Focus



1. If you are far- or near-sighted in one or both eyes, look through the binoculars with each eye and adjust diopter until distant objects are in clear focus.
2. If you are neither far- nor near-sighted in either eye, distant objects should appear in focus when the diopter adjustment rings for both eyepieces are set to 0.
3. Adjust focus for each eye separately as the working distance (the distance to the object being observed) changes.

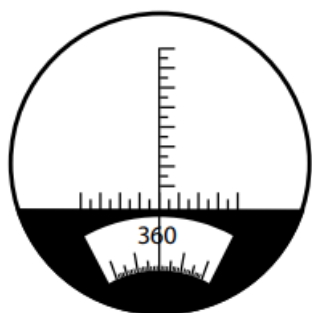
Attaching Tripod

1. Before mounting the binoculars on a tripod, remove the cap from the tripod attachment screw by rotating it to the left.
2. Attach a tripod adapter to the tripod attachment screw hole and mount the assembly on the tripod.

Using the Compass

(7X50 WPC-XL only)

The left side of the visual field for the compass-equipped 7X50 WPC-XL incorporates a scale like that shown in the illustration. The upper portion is used to determine the distance to or size of an object, while the bearing to the object is shown in the lower portion. The scale uses a unit known as a “mil”, which is the angle between the ends of object one meter long viewed at a distance of 1000 meters. Each increment is equal to 5 mils.



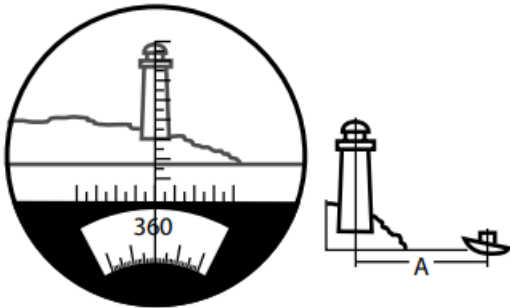
Direction

90 = east
180 = south
270 = west
360 = north

Reading the Scale

Measuring Distance

In order to measure distances, it is necessary to know the size of the object.



$$\text{Distance} = \frac{\text{Object size}}{\text{Scale reading}} \times 1000$$

Example:

Object size: 10 m

Scale reading: 50 mils

Distance A = $10 \div 50 \times 1000 = 200$ m

Calculating Object Size

In order to measure size, it is necessary to know the distance to the object.

$$\text{Object size} = \frac{\text{Distance} \times \text{Scale reading}}{1000}$$

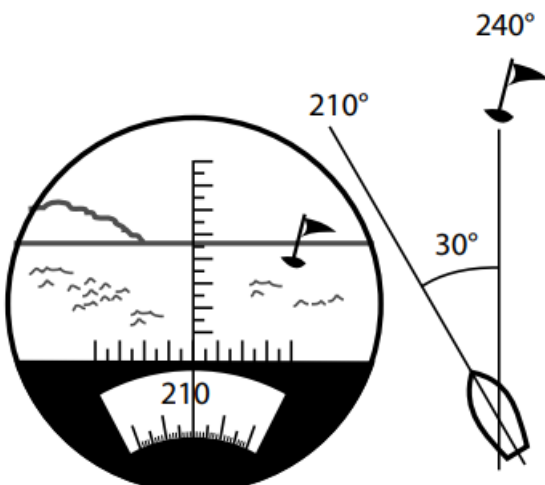
Example:

Distance: 200 m

Scale reading: 50 mils

Object size = $200 \times 50 \div 1000 = 10$ m

Calculating Object Direction



First, read the number displayed when looking in the direction of the bow, then the number when looking in the direction of the object; this gives the direction of travel in relation to the object.
(Keep the binoculars horizontal and adjust the object to the vertical scale).

Example:

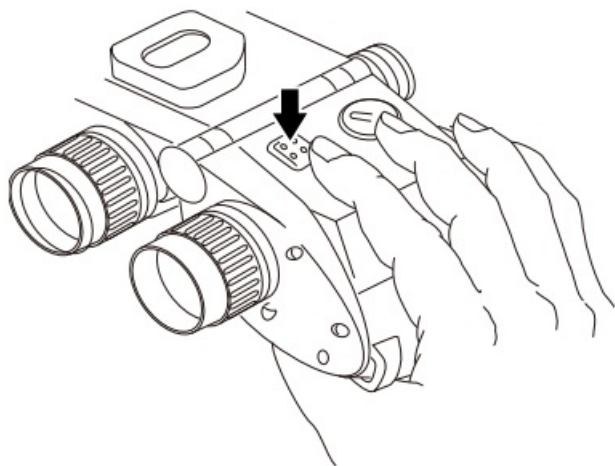
When looking in direction of bow: 210°

When looking at buoy: 240°

Direction of travel: 30° in relation to the buoy

Note: The binoculars may fail to measure the heading correctly while tilted.

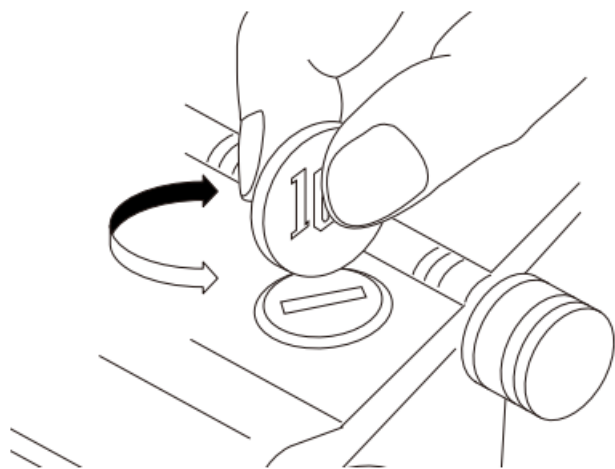
Using the Built-in Compass Light



The 7X50 WPC-XL features a compass light. When using the compass at before dawn, at dusk, or after dark, press the button as shown by the arrow in the illustration. The compass light will turn on so that you can see the compass while the button is pressed and turn off when you release the button. If the light is too dim or does not turn on when you press the button, replace the battery.

If the light still does not turn on, consult your retailer, as this may indicate a loose connection.

Replacing the Battery



1. Open the battery-chamber cover by rotating it counterclockwise using a coin or the like.
2. Insert two (LR43) batteries with the “+” sides facing the battery-chamber cover.
3. After inserting the battery, replace the battery-chamber cover and rotate it clockwise to latch it.

Battery type: LR43 (×2)

The following battery is compatible with it.

186, D186A, RW84, V12GA, L1142, GP186, AG12, G12A

Maintenance and Storage

Cleaning the Lenses

Dirt and fingerprints on the surface of the lenses diminish visibility considerably, and, in the event that they are “baked on” by sunlight and left for days without treatment, can become permanent. When the lenses are soiled, remove dust with a soft, dry brush, and wipe dirt and fingerprints off with a small amount of alcohol soaked into a soft, clean cloth. Wipe using a circular motion, from the center outwards.

Cleaning the Body

If the outer surface of the binocular becomes soiled or wet, wipe with a dry cloth, be sure the binoculars are completely dry before replacing them in the case. When the binoculars are used in a salt-air/ocean environment, they should be rinsed in fresh water before being stowed away.

Storage

The binocular can be used in temperatures between -20 °C and +50 °C. However, never leave the binocular in particularly hot or cold places, such as cars, summer or winter. When not using the binocular for any considerable length of time, store it in a cool dry place.

Other Precautions for Use

Do not store in a location with drastic temperature irregularities.

- Store in a well ventilated location, avoiding high temperature & high moisture locations.
- Do not store near an electronic device that heats up. It may cause the product to fail.
- Remove dirt and dust from the lens with a low powered air compression device, and wipe gently with a cleaning cloth.

U.K. Importer:

FUJIFILM UK Limited

Fujifilm House, Whitbread Way, Bedford, Bedfordshire, MK42 0ZE, United Kingdom

EU Importer:

FUJIFILM Electronic Imaging Europe GmbH

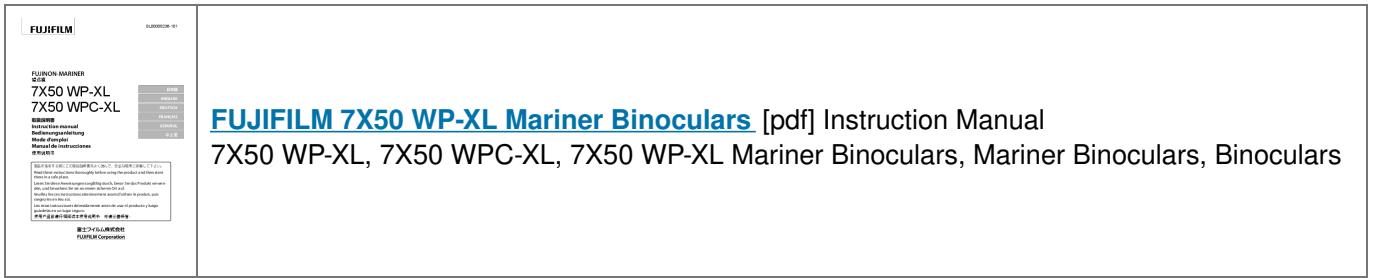
Fujistrasse 1 47533 Kleve, Germany

FUJIFILM Corporation

7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO 107-0052, JAPAN

FUJIFILM

Documents / Resources



References

- [!\[\]\(e43e4b1050bbff3ab0579ed9f5c72143_img.jpg\) Que Faire de mes Déchets ? Découvrez les solutions pour tous vos déchets et nos conseils pour en produire moins.](#)
- [User Manual](#)