Owner's Manual

7X50

BINOCULARS | MODEL 10700508 | MODEL 10700516

Antigua

West Marine

Waterproof, dust-proof, all-weather binoculars are designed for boating and other rugged outdoor activities.

- High-index BaK-4 prisms produce a bright, sharp image with vivid contrast for detailed viewing.
- Nitrogen gas inside the binocular eliminates fogging and mold on internal lens surfaces even under extremely severe conditions, including extreme heat, humidity, rainstorms and high winds.
- Internal rangefinder scale and illuminated compass help users determine the distance or size of objects, as well as their direction.
- Compass light: To read your compass in the dark, press the compass light switch (6) to illuminate it. Batteries included.

Instruction for Care

- To protect the binoculars, store them in their case and keep them in a dry area. Never leave them out in direct sunlight (such as on a car dashboard) for long periods of time, avoid banging and dropping.
- Never clean binoculars internally. Any attempt to take the binoculars apart or clean them internally will result in damage and void the warranty.
- If you are ever dissatisfied with any purchase you make from West Marine or receive a company credit for returns, you’ll want to know how complete our return policy is. With West Marine, it’s simple, easy and fair. If we’re at fault, we’ll replace the item. If you are dissatisfied with any purchase from us, simply return it. West Marine will refund the item’s original purchase price.

Extremely Important Note

- It is not necessary to clean binoculars internally. Any attempt to take the binoculars apart or clean them internally will result in damage and void the warranty.
- If you are ever dissatisfied with any purchase you make from West Marine or receive a company credit for returns, you’ll want to know how complete our return policy is. With West Marine, it’s simple, easy and fair. If we’re at fault, we’ll replace the item. If you are dissatisfied with any purchase from us, simply return it. West Marine will refund the item’s original purchase price.

Important Note

- Always have dual supervision when using binoculars.

Caution

- Do not use this product to view the sun. Looking at or near the sun with or without binoculars may cause permanent visual damage. Damage caused by viewing the sun may not be noticed immediately.

Battery Information

- Antigua binoculars: AG12, GP186, LR43, and 1176A.
- To view your compass, press the compass light switch (6) to illuminate it in red light.

West Marine

www.westmarine.com

BINOCULARS

1-800-BOATING
**Binoculars**

1-800-BOATING

Twist-up Eyecups
- To use binoculars with eyeglass or sunglasses, twist the eyecups clockwise until they are as short as possible. Reduce the distance between your eye and the binoculars, improving your field of view.

Internal Center Focus
- To adjust the center focus, twist the right eyepiece clockwise or counterclockwise until the image appears sharp.

Diopter Setting
- To adjust the diopter, cover the right objective (front) lens with your hand, and look at a distant object that is approximately 100 feet (30 m) away.

Reading the Rangefinder Scale
- To measure distance, apply the following formula:

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

Example: If the object is 200 meters high and the rangefinder scale reading is 120, then:

\[ \text{Distance} = \frac{1000 \times 200}{120} = 1666.67 \text{ meters} \]

Using the Compass
- To locate your position, use a compass with a protractor and a chart.

Example: If you are on a boat and see a buoy at 10° north, and you know the buoy is 100 meters away, you can calculate your position:

\[ \text{Distance} = \frac{1000 \times 100}{10} = 10000 \text{ meters} \]

Therefore, your position is 10° north of the buoy and 10000 meters away.

**Diopter Setting and Internal Center Focus**

1. Cover the right objective (front) lens with your hand, and look at a distant object that is approximately 100 feet (30 m) away.
2. Keeping both eyes open, cover the right objective (front) lens with your hand.
3. Reset the eyepiece position and look at the object that is approximately 100 feet (30 m) away.

**Diopter Focus [Antigua]**

1. Cover the right objective (front) lens with your hand, and look at a distant object that is approximately 100 feet (30 m) away.
2. Keeping both eyes open, cover the right objective (front) lens with your hand.
3. Reset the eyepiece position and look at the object that is approximately 100 feet (30 m) away.

**Using the Compass**

Reading the Compass (Angular)

- To measure the angular position of a distant object, use a compass with a protractor.

Example: If the object is 200 meters high and the rangefinder scale reading is 120, then:

\[ \text{Distance} = \frac{1000 \times 200}{120} = 1666.67 \text{ meters} \]

**Using the Compass (Linear)**

Reading the Compass (Linear)

- To measure the linear position of a distant object, use a compass with a protractor.

Example: If the object is 200 meters high and the rangefinder scale reading is 120, then:

\[ \text{Distance} = \frac{1000 \times 200}{120} = 1666.67 \text{ meters} \]