CAMOUFLAGE

# Rio 10x42

## *Instruction manual of Binocular Telescope*



*Read the instructions carefully before use*

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# CAMOUFLAGE WEBSITE



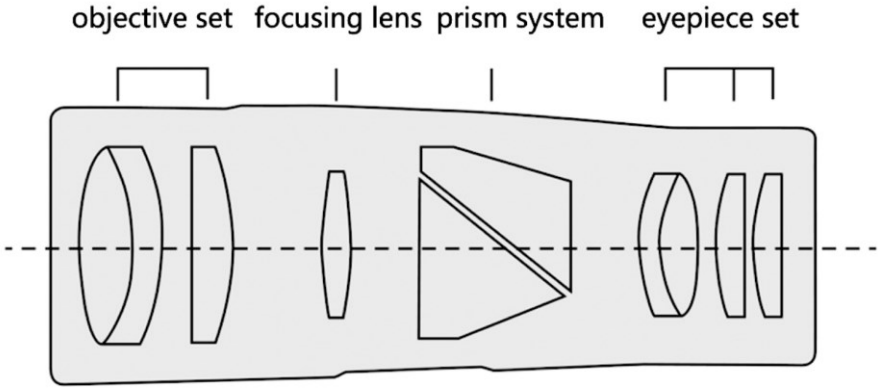
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1. Product introduction
2. Optical function introduction
3. Operating guidelines
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# WARNINGS

**Warnings!**

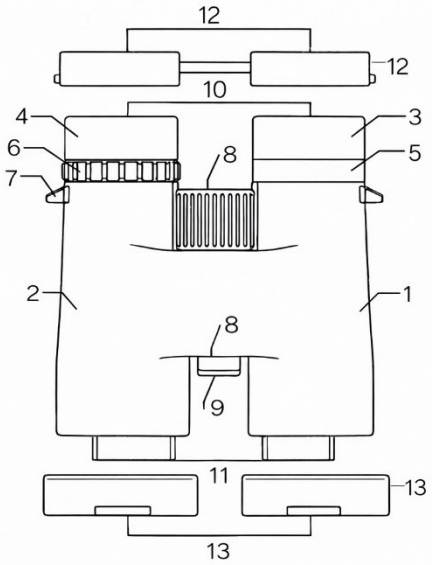
Binoculars can never be used as tools to observe sun or strong light, for it will immediately cause irreparable damage to your eyes when observing sun or observing very close to sun. This kind of damage is usually painless but very dangerous. Never aim binoculars at or near the sun, or never aim binoculars at strong light. If children want to observe, they must be warned before observation in case of any accidents.




(Diagram of Optical Structure)

# PRODUCT INTRODUCTION

The adoption of roof prism brings about excellent color difference reduction and minimal refractive loss of incident optical path. The coatings adopt for full coating, and multilayer broadband anti-reflection coating has high transmittance and resolution. The anti-skid and easy-to-grip design and a rope-hanging button design make it easy to hold in hand and hang. Fashionable and simple appearance. With the adoption of hanging belt design of the protective cover, one do not worry about the loss of the hanging belt, just take off the cover, one can use it. The eye-patch part can be spun up to facilitate the use of customers with different visions. Small in volume, more convenient to carry, and more durable.




1. Left mirror
2. Right mirror
3. Left eye-patch
4. Right eye-patch
5. Left hand-wheel
6. Right disparity compensation wheel
7. Hanging belt buckle
8. Focusing hand-wheel
9. Axis-Bracket transfer cover
10. Left and right eyepiece set
11. Objective set
12. Eyepiece protective cover
13. Left and right eyepiece set

# INTRODUCTION OF OPTICS

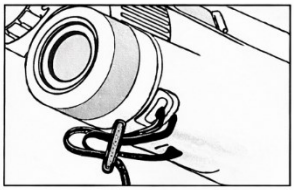
In a telescope, the prism set plays an important role in erecting images and shortening the optical path and focal length of the whole optical system. The field of view of an telescope equals to the scope of observation within a certain distance. The function of anti-reflection coating is to reduce the reflection loss of light and strengthen the transmission intensity so as to improve imaging quality.

**COMMON PROBLEMS ENCOUNTERED IN USE**

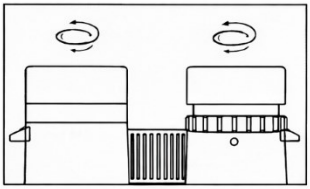
**Why do you feel dizzy when using it?**

- The most common situation is that the unregulated dioptre of the right eye wheel results in blurred imaging.
- The exit-pupil distance does not adjust well, which makes the eye either too far away or too close to the eyepiece.
- When using it for the first time, one can not adapt to the amplification of the telescope immediately, and at the same time, there are reasons for frequent moving of the telescope and hands trembling during observation. At this time, it is suggested to give your eyes a rest before using them again, and one can use them normally after 2-3 days of adaption

# OPERATIONAL GUIDELINES



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**Step 1: install the hanging strap**

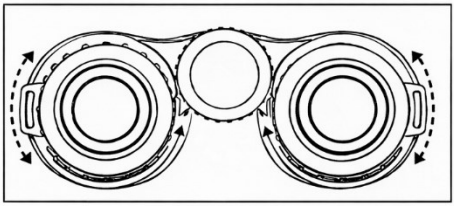
**Step 2: adjust the eyeshade**

**Step 3: adjust the eye distance**

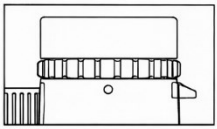
**Step 4: focusing**

**Step 5: compensation wheel for right visual differences**

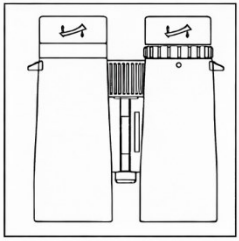
**Step 6: shift the observed object**



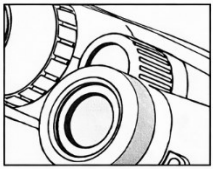
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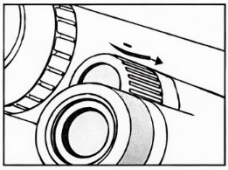
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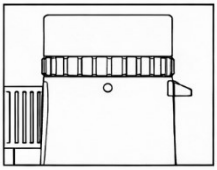
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⑤



⑥

The product diagram is only convenient for introducing details of the binoculars, not for this purchase. The actual product you receive may be different from this picture.

# INTRODUCTION OF OPTICS

**Step 1:** Install the hanging strap: ensure that the strap will not become loose when pulled and will prevent the product from falling.

**Step 2:** Adjust the eyeshade: adjust the eyeshade by lifting and dropping its height according to the illustrations until the view of all directions is available. Generally, it is dropped down when wearing glasses and lifted when not wearing glasses.

**Step 3:** Adjust the eye distance: adjust the central The distance between the left and right lens cones is such that the eyes can detect the overlapped graphs.

**Step 4:** Focusing: observe the object with the left eye first and rotate the handwheel for focusing until the target in the left lens cone is clear.

**Step 5:** Compensation wheel for right visual differences: Rotate the compensation wheel for right visual differences until the objects in both the left and right lens cones are clear by referring to the object in the left lens cone as the reference.

**Step 6:** Shift the observed object: if one wants to shift the observed object, just repeat step 4 by rotating the handwheel for focusing on the premise that the above adjustment actions remain the same.

# GENERAL FACTORS AFFECTING OBSERVATIONS

1. Don't close windows and watch through windows indoor observation

2. Observed results are directly affected by gray weather

3. Backlight viewing can affect the results of observation.

4. The user's proficiency in operation determines the quality of the observation result

**Notice of usage**

1. After observation, turn the lifting eyemask back to its original position, otherwise it may be damaged by negligence.

2. It is suggested that the telescope be observed with two hands, and that it be easily shaken with one hand.

3. Keep your eyes moving synchronously with the telescope during observation or you will get dizzy.

4. When observing, if the customer with poor eyesight in both eyes, please adjust the right disparity compensation wheel.

# MAINTENANCE OF TELESCOPE

As an accurate optical observation instrument, the following points pay attention to use and maintaining:

1. Do not use this product to directly observe the strong light, such as the sun, otherwise it will cause permanent damage to the eyes.

2. Try not to touch the lenses with your fingers. If you want to wipe the lens, please use a clean and soft cloth to wipe off the dust, or gently wipe the lens surface to avoid scratches caused by hard objects.

3. Clean the surface stains with a small amount of clean water with a mirror cloth.

4. Do not force a collision or violent vibration during use to avoid damage to binoculars.

5. If it is found that the binoculars are broken, please do not disassemble and repair them by yourself. Send it to a professional repair shop or return it to the manufacturer for repair.

6. If the product is not used for a long time, it should be put back in the original package, where the temperature is suitable, to keep the telescope dry and prolong its service life.

# IMPORTANT NOTICE

Please don't use binoculars to directly observe the sun, otherwise it will cause permanent damage to the eye. Parents must inform them when the child is using them.

FC CE RoHS

**DECLARATION OF CONFORMITY**