

# **Tactical Anti-Ballistic Goggle HX05C**

## **User Manual**



(Images are for reference only; the actual product may vary)

### **To the User:**

- Thank you for purchasing our product!
- Please read this manual carefully before use and keep it for future reference.

### **I. Applicable Conditions:**

This protective eyewear is developed based on market demand. It is designed for protection in harsh environments such as deserts and cold regions, preventing irritation and injury to the eyes caused by sand, strong light, and fragments.

### **II. Performance Features:**

1. These protective goggles are highly reliable, offer excellent optical performance, and are

aesthetically pleasing. They provide protection against fragments, glare, UV rays, sand, and fog. They are lightweight, compatible with prescription glasses, and can be used with night vision devices.

2. The goggles are composed of several parts, including lenses (clear and gray options), a frame, an adjustable strap, a storage pouch, a corrective lens holder, a lens cloth, and a carrying case.
3. The goggles are highly adaptable to different environments, allowing users to choose between clear and gray lenses depending on conditions.

### III. Basic Parameters:

No.	Parameter Name	Specification
1	Fragment Protection	1.1g simulated fragment, V50 $\geq$ 200 m/s
2	Puncture Resistance	500g steel cone impact from 1.3 meters
3	Visible Light Transmittance (380nm–780nm)	Clear lens: $\geq$ 80%; Gray lens: 18%–40%
4	UV Light Transmittance (UVB 280nm–315nm, UVA 315nm–380nm)	$\leq$ 0.1%
5	Prism Deviation	In line with GB14866-2006 technical requirements for personal eye protection. Vertical and horizontal prism deviation should not exceed 0.125 $\Delta$ for curved lenses.
6	Weight	Protective goggles (with protective cover): 160g $\pm$ 15g; Total weight (with spare lenses and carrying case): 400g $\pm$ 25g
7	Anti-fog Performance	Meets WHB910-2015 standards, with no visible fog on the lens surface within 3 seconds.
8	Flame Resistance	According to QB 2506-2001, after removing a steel rod, the outer lens and frame should not continue to burn.

### IV. Instructions for Use:

1. Choose the appropriate lens based on the usage conditions.
2. **Lens Replacement:**
  - Wash your hands thoroughly before replacing the lens.
  - Hold the bottom edge of the goggle frame with your left hand and the top edge with your right hand. Pull both hands outward to detach the lens from the frame.
  - Once detached, hold the edge of the lens with your right hand and remove it from the frame. Use the lens cloth to wipe off any fingerprints or dirt before placing the lens in the storage pouch.
  - To reinsert the lens, hold the frame with your left hand and the lens with your right hand. Insert the left side of the lens into the slot first, then the right side. Use both hands to push the upper and lower edges of the lens into the slots on the frame. Ensure that the lens is properly secured by pushing the frame left and right until the lens clicks into place. Wipe the lens again to remove any fingerprints or dirt.
3. **Wearing the Goggles:**
  - After replacing the lens, hold both sides of the goggle strap with your hands. Slide the strap over your head or helmet (depending on your needs), then adjust the goggles to sit comfortably over your eyes.
  - Adjust the strap length to ensure clear vision and a comfortable fit.

## **V. Caution:**

1. Avoid contact between the goggles and sharp or hard objects during use to prevent damage to the lenses or straps.
2. After use, wipe the goggles with the provided cleaning cloth and store them in the protective pouch. Handle the goggles with care and do not store them with sharp or hard objects.
3. The goggles are individual protective optical products, so handle them with care to maintain optimal optical performance.
4. Do not expose the goggles to high temperatures or high humidity for extended periods, and do not

soak them in water for long periods.

5. If the goggles are not in use for a long time, store them in the protective pouch in a dry, ventilated location, away from chemicals.
6. The inner side of the lens has an anti-fog coating that needs to be protected. Wipe it gently with the lens cloth and use a small amount of water if necessary. Do not use other items or liquids to clean the lens.
7. If the goggles undergo strong impact or collision, discontinue use immediately.

## **VI. Contact Us:**

Thank you for choosing our eyewear products. We continuously improve and update our products.

If you have any suggestions or feedback, please contact us!