



**Bushnell®**



**TROPHY®**  
**XLT**

**BINOCULAR INSTRUCTION MANUAL**

LIT. #: 98-1535/02-12



## A NEW TAKE ON WHAT HARD-CORE HUNTERS DEMAND.

*World-Class Optics and Heightened Durability.*

With light transmission, clarity and ruggedness as top priorities, we set out to build the ultimate hunting binoculars. The XLT series was born, with a new housing material that's both durable and comfortable to use – and environmentally responsible. Fully multi-coated optics and BaK-4 prisms work together to deliver ultra-bright, razor-sharp images through the most critical periods of game movement. And the tough, streamlined Dura-Grip rubber armored housing is O-ring sealed and nitrogen purged for 100% waterproof/fogproof dependability. Soft-touch thumbgrips further improve handling ease, and the objective lenses are well protected from the elements by flip covers.

**Enviro-Friendly.** From the lead & arsenic free EF glass to the new Dura-Grip rubber, all Trophy XLT binoculars are made with environmentally friendly materials.

**Fast Focus.** Because every second counts when you're tracking wild game, the focus wheel moves from near to far with increased speed, while retaining the accurate precision you need.

**Flip Objective Covers.** Attached, hinged protective lens caps keep you ready to glass an area quickly without fumbling with removable caps that can get left in the mud.

Thank you for purchasing your new Bushnell **Trophy® XLT** Binoculars.

This manual will help you optimize your viewing experience by explaining how you can adjust the binocular to your eyes, and how to care for this instrument.

Read these instructions carefully before using your binocular.

## **EYE ADJUSTMENTS**

### **How to Adjust for Distance Between Your Eyes**

The distance between the eyes, called “interpupillary distance,” varies from person to person.

To achieve perfect alignment of lens to eyes, follow these simple steps:

1. Hold your binocular in the normal viewing position.
2. Grasp each barrel firmly. Move the barrels closer together or further apart until you see a single circular field. Always re-set your binocular to this position before using it.

### **How to Adjust for Individual Eye Strength**

As individual eyesight varies from one person to another, your Bushnell Trophy XLT binocular has a diopter setting feature which allows you to fine-tune the binocular to your vision. Follow the focusing instructions on the next page.

## **EYECUP ADJUSTMENT**

Your Bushnell Trophy XLT binocular is fitted with twist-up eyecups designed for your comfort and to exclude extraneous light. For users without eyeglasses, twist the eyecups up, rotating the eyecups counter-clockwise until they lock into the fully “up” position.

If you wear glasses, make sure the eyecups are in the down position – this will bring your eyes closer to the binocular lens, allowing you to see the full field of view. To lower the eyecups from the full “up” position, rotate them clockwise. The eyecups may also be left at positions “in between” fully up and fully down, which may suit some individuals better.

## **FOCUSING**

1. Adjust the interpupillary distance by adjusting the center hinge until you see a single circular image.
2. The diopter adjustment ring is located directly below the right eyecup. Make sure the diopter adjustment is set to “zero” for now (raised index tab on the diopter ring is lined up with center mark on the binocular). Keep both eyes open at all times.
3. Using the attached lens cap or your hand, cover the objective (front) lens on the right side of the binocular as you look into the eyepieces.
4. Using the center focus knob, focus on a distant object with fine detail (e.g., brick wall, tree branches, etc) until it appears as sharp as possible on the left side.
5. Uncover the objective lens on the right side, and cover the left objective lens while continuing to view the same object.
6. Rotate the diopter adjustment ring to bring the object into focus in the right side of the binocular. Avoid over-turning or forcing the diopter mechanism. If you are unable to bring the object into focus in the right side by adjusting the diopter ring, make sure the left side is still focused and that the center focus knob was not moved from its original setting. The diopter adjustment only affects the right side.
7. Your binocular should now be adjusted for your eyes. Focusing for any distance can now be done simply by turning the center focus knob. Make a note of the diopter setting you made (index tab position relative to the +/- scale) for future reference.

## NECKSTRAP ATTACHMENT

Thread the ends of the neckstrap through the strap lugs on each side of the binocular, then back through the plastic buckle. Adjust the position of the binoculars on your chest as they hang around your neck to your preference by changing the length of the strap portion which passes through the lug and buckle (by an equal amount on each side).

## TRIPOD SOCKET

The 8x42, 10x42 and 12x50 Trophy XLTs are tripod adaptable. To attach one of these models to a tripod or monopod, unscrew (counter-clockwise) the “B” logo cap which covers the threaded socket inside the center hinge, and set it aside in a safe place (the “B” cap is not removable on the smaller 28 and 32mm models). Use a compatible binocular tripod adapter, such as the Bushnell model #161001CM, (an accessory bracket, shown here, which attaches between the binocular and tripod) to attach your Trophy XLT to any standard tripod in a horizontal position to provide a stable image during prolonged viewing.

*Note: The #161001CM does not allow the full range of hinge movement (IPD adjustment) with the 12x50 model, therefore the Bushnell Universal Tripod Adapter #19150 is recommended for the 12x50 Trophy XLT.*



**Binocular Tripod  
Adapter (optional)  
(Bushnell#161001CM)**

## WATERPROOF / FOGPROOF

Your Bushnell Trophy XLT binocular has been designed and built utilizing the latest waterproof and fogproof technology.

The binoculars are O-ring sealed for complete moisture protection. Fogproof protection is achieved from dry nitrogen purging that removes all internal moisture.

## INSTRUCTIONS FOR CARE

Your Bushnell Trophy XLT binocular will provide years of trouble-free service if it receives the normal care you would give any fine optical instrument.

1. Avoid sharp impacts. Set the binocular down gently on hard surfaces.
2. Tug on the strap after attaching it to make sure it is securely fastened to the binocular before placing it around your neck.
3. Store your binocular in a cool, dry place whenever possible.

## CLEANING

1. Blow away any dust or debris on the lens (or use a soft lens brush).
2. To remove dirt or finger prints, clean with the supplied micro-fiber cloth rubbing in a circular motion. Use of a coarse cloth or unnecessary rubbing may scratch the lens surface and eventually cause permanent damage. The included, washable “microfiber” cleaning cloth is ideal for the routine cleaning of your optics. Simply breathe lightly on the lens to provide a slight amount of moisture, then gently rub the lens with the microfiber cloth.
3. For a more thorough cleaning, photographic lens tissue and photographic-type lens cleaning fluid or isopropyl alcohol may be used. Always apply the fluid to the cleaning cloth – never directly on the lens.



NEVER LOOK DIRECTLY AT THE SUN WITH YOUR BINOCULAR  
AS IT MAY CAUSE SERIOUS DAMAGE TO YOUR EYES



Looking for optical equipment & accessories? Visit our website.