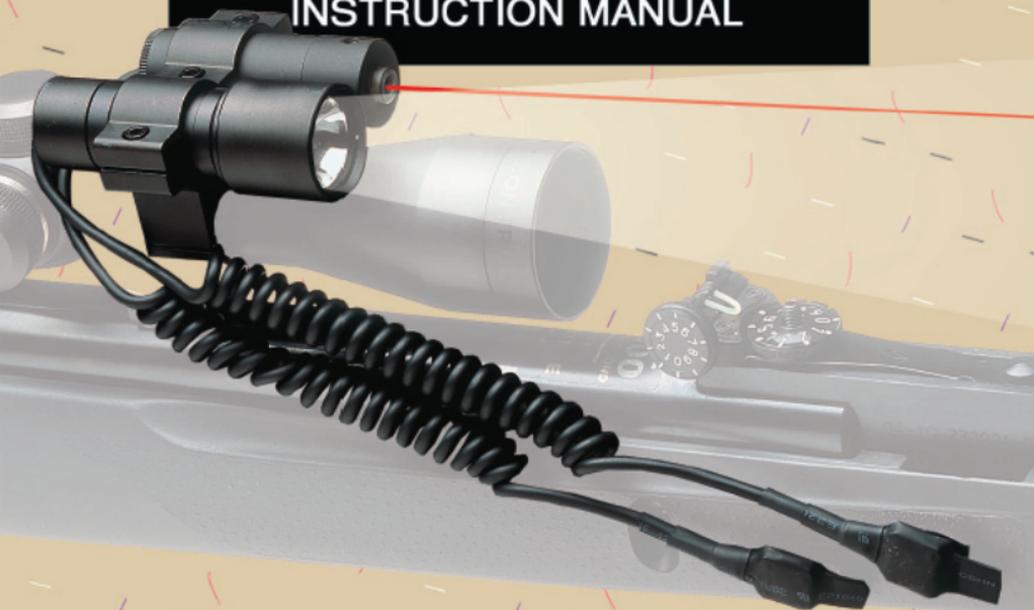


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SPORT & RECREATIONAL OPTICS

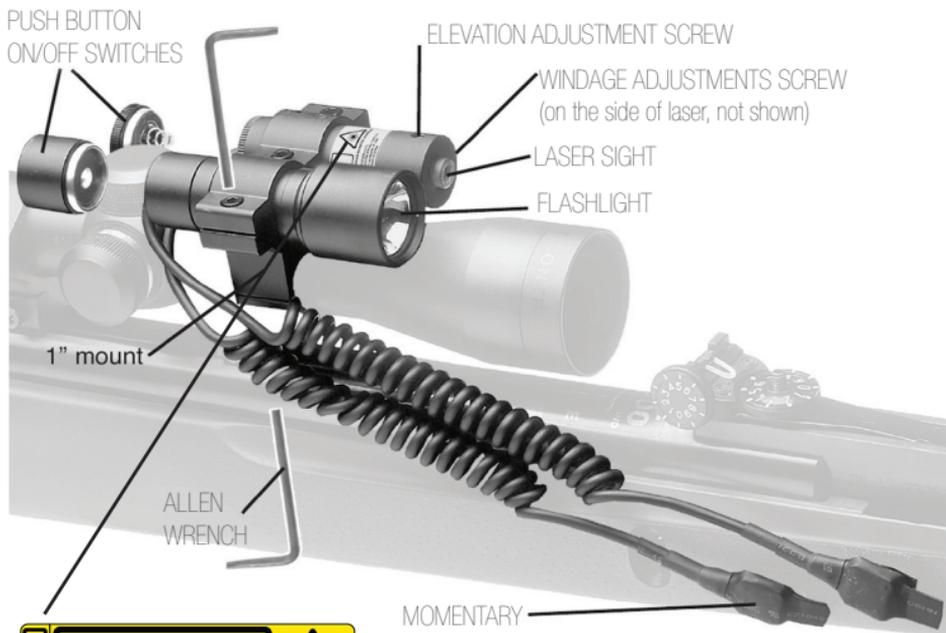
## LLCP

### PRECISION LASER SIGHT AND LIGHT INSTRUCTION MANUAL



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## **COMPONENTS OF THE KIT**

Triple Mount

Flashlight

Laser sight

1 Push button and 1 remote switch for flashlight

1 Push button and 1 remote switch for laser sight

1 CR123A 3V. battery for flashlight

3 LR44 1.5V. batteries for laser sight

2 Velcro stickers

3 “L” hex wrench set



**WARNING: BE CERTAIN THAT YOUR GUN IS UNLOADED AND POINTING IN A SAFE DIRECTION.**

**ATTENTION: THIS LASER TARGET DESIGNATOR IS A POWERFUL DEVICE THAT REQUIRES SPECIAL ATTENTION FOR ITS USE. READ THE FOLLOWING INSTRUCTIONS AND SAFETY PRECAUTIONS CAREFULLY BEFORE USE.**

**CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURE OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.**

**LASER LIGHT - AVOID DIRECT EYE EXPOSURE.**

**KEEP OUT OF REACH OF CHILDREN.**

**DO NOT DIRECT LASER AT PEOPLE, PETS, SHINY/HIGHLY REFLECTIVE SURFACES, OR ANY OTHER OBJECT NOT INTENDED FOR DESIGNATED USE.**

### **A.) MOUNTING THE LASER AND LIGHT TO A 1” SCOPE TUBE**

1. Attach lower half of 1” mounts to rifle scope tube.
2. Attach upper half of mounts. DO NOT TIGHTEN SCREWS YET.
3. Place laser sight and flashlight onto “W” shaped lower part of mount.
4. Place upper half of mount onto laser sight and flashlight, DO NOT TIGHTEN SCREWS YET. Before tightening the screws in the upper half of the rings, adjust the laser sight and flashlight back or forward for the best position to allow removal of the push button switches or installation of the momentary ON/OFF switches.

Align (rotate) the vertical and horizontal axes of the laser sight for the proper alignment of the windage and elevation of the laser dot. Tighten the screws in the upper and lower half of the mount. Tighten all the mount screws using a non permanent thread lock.

## **B.) REPLACING THE FLASHLIGHT BATTERIES**



**WARNING: BE CERTAIN THAT YOUR GUN IS UNLOADED AND POINTING IN A SAFE DIRECTION**

Remove the light bulb assembly (located in the front end of the flashlight) by turning the cap counter-clockwise. Place the 3V battery (CR123A) inside, with the positive end facing out. Replace the light bulb assembly securely by turning it clockwise until tight. The flashlight is now ready for use.

## **C.) REPLACING THE LASER BATTERIES**

Remove push button or remote switch housing (located at the rear of the laser) by turning the cap. Insert (3) LR44 batteries. Replace the push button or remote switch housing and tighten. The laser is now ready for use.

## **D.) REPLACING THE LASER OR FLASHLIGHT SWITCHES**

Remove the push button assembly from the back of the flashlight by rotating it counterclockwise until loose. Install the new switch by rotating it clockwise until tight and secure.



**WARNING: DO NOT LOOK DIRECTLY INTO THE LASER BEAM OUTPUT APERTURE DURING OPERATION. PERMANENT EYE DAMAGE MAY RESULT.**



**WARNING: EXERCISE SAFE GUN HANDLING. SHOOT ONLY AT AN APPROVED GUN RANGE OR SUITABLE LOCATION. USE EYE AND EAR PROTECTION AS NECESSARY.**

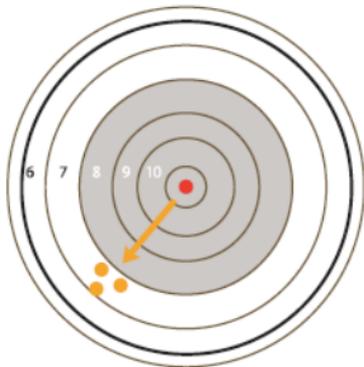
## E.) POSITIONING THE REMOTE SWITCHES

1. Once you have decided the location of the switches on the rifle stock, place adhesive side of velcro strip on the stock of the rifle by pressing the adhesive portion against the stock.
2. Attach the other adhesive portion to the back of the pressure sensitive switches by pressing the adhesive side of the surface of the Velcro strip against them.
3. Secure the pressure sensitive switches to the stock by pressing both parts of the Velcro together.

## F.) ZEROING THE LASER SIGHT

First, the laser needs to be aligned with the path of the pellet/bullet to do this follow the steps described below.

- 1) Activate the laser by pressing the switch.
- 2) From a bench rest position, fire three shots at the center of the target.
- 3) Observe where the pellets or bullets strike the target. Keeping the laser dot pointing at the center of the target and using the windage and elevation adjustment screws located in the laser body, move the laser dot to the center of the group formed by the three shots previously fired. Fire three more shots and note the points of impact on the target. Make additional adjustment of the laser as necessary.



## G.) ADJUSTING THE LASER WINDAGE AND ELEVATION.

- 1) The elevation adjustment screw is located on top of the laser. When the screw is turned counterclockwise, the Laser dot will move "Up" and when is turned clockwise the laser dot will move "Down".
- 2) The windage adjustment screw is located at 45° angle on the right side of the laser body. When turned counter-clockwise, the laser dot will move to the "Right". When turned clockwise the laser dot will move to the "Left".
- 3) To align the laser dot with the center of the cross-hairs of the reticle, move it by turning the windage and elevation screws on the laser.

## **H.) MAINTAINING YOUR LASER SIGHT AND LIGHT**

Do not attempt to disassemble or clean the laser sight or the flashlight internally. This will invalidate the warranty. If the laser sight or the flashlight require repairs or adjustment, complete instructions can be found in the warranty.

The external surfaces should occasionally be wiped clean with the lens cloth provided, a soft lint-free cloth, or an optical quality lens paper. Remove any external dirt or sand with a soft brush so as to avoid scratching the finish. Wipe the laser sight or the flashlight with a damp cloth, following with a dry cloth. Store the unit in a moisture-free environment.

## **FOR RETURNING PRODUCTS**

### **Return products following the warranty guidelines.\***

A brief description is included below.

1. Remove any accessories and rings
  2. Include a note with a brief description of the problem, address, telephone number, and e-mail address
  3. A \$10 check for return shipping and processing fees and proof of purchase.
  4. We recommend using a shipping method with a tracking number (Fedex, UPS ect.).
- BSA optics cannot be held liable for lost or damaged items.

\*Please note if your product is not registered you must have proof of original purchase, or you will be subject to repair fees. (see warranty)

Ship Products To:

### **BSA Optics**

1475 S. Sam Houston Blvd.  
Houston, MO 65483

**The LLCP laser product is designated as class 3R during all procedures of operation.**

**SPECIFICATIONS:**

<b>MODEL</b>	<b>LLCP</b>
Laser Sight Wavelength	650nm Index-Guided Laser Diode
Laser Sight Power	Class 3R (5mw) Output Power
Flashlight	3v., High Pressure Xenon Bulb 96600 Lx
Beam Diameter	< 3mm at Aperture
Divergence	< 1 mrad
Transverse Beam Mode	Tem 00
Weight (Laser, Flashlight, 1" Tube Mount and Batteries)	7 oz.
Laser Sight Visible Range	50 Yards, Indoors 75 Yards, Outdoors at Night
Windage & Elevation - Adjustment (MOA)	5 MOA @ 6.25 Yards
Laser Light Batteries	(3) Three LR44, 1.5v.
Flashlight Batteries	(1) One CR123a, 3v.
Reticle Type	Red Dot
Finish	Black Matte

**Do not open, modify; or service this product, except for changing the battery.**

**For any service or repair, the product must be returned to BSA Optics.**

**Please follow guidelines (pg 6).**

**No maintenance required for this product to keep in compliance.**



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