

# BARNETT™

## 1 x 30MM PREMIUM RED/GREEN 3 DOT CROSSBOW SCOPE

Thank you for choosing Barnett™. Before mounting your premium red dot sight, please read the operating instructions completely. Be sure that your crossbow is not cocked or loaded when fitting the sight onto your crossbow and follow safe crossbow handling procedures.

### Installation

With the provided 3/32" Allen key loosen the 2 locking screws at bottom of sight (Figure 1, Item G) counter-clockwise 5 turns to allow for installation onto the picatinny rail on your crossbow. [Note: Do NOT exceed 10 turns as this can release the spring and separate the mounting block from the scope completely.] Attach the sight base onto picatinny rail with the eyepiece (Figure 1, Item A), positioned towards the rear of the bow. [Note: the eye piece will be clear and not mirrored.] Ensure that the 2 screws in the base of the sight are seated correctly in the grooves of the picatinny rail so that the sight sits flush. As there is no set eye relief for red dot sights, allow a minimum of three inches of space between the eyepiece and the shooter's eye when in the shooting position. Tighten locking screws with the provided 3/32" Allen key. [Note - To avoid stripping these screws do not overtighten.]

### Sight Layout

- A. Eye Piece
- B. Windage Adjustment
- C. Elevation Adjustment
- D. Battery Cap
- E. Rheostat Knob [Illumination]
- F. Objective End
- G. Spring Loaded Locking Screws



FIGURE 1.

### Installing Batteries & Illumination

Your red dot sight is powered by one 3V lithium coin style battery, type 2032. To install the battery, unscrew the Battery Compartment Cap (Figure 1, Item D) on top of the rheostat illumination knob and insert the batteries positive (+) side up. Replace the battery cover. If the red dot dims or does not light at all, replace battery with a new one.

Activate the red dot sight and adjust for desired brightness by turning the Rheostat Illumination Knob (Figure 1, Item E). The lower numbers represent dimmer settings and the higher numbers represent brighter settings of illumination. The "R" and "G" designate red color and green color respectively, with the arrow facing towards those brightness settings. Setting the knob on either the "R" or "G" will turn off illumination.

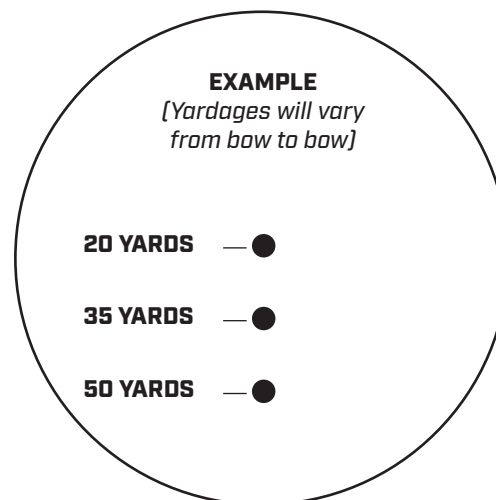
### Initial Zeroing of Sight

Before you begin the zeroing process, remove the adjustment caps (Figure 1, Item B & C). With the sight leveled and mounted, rest the crossbow on a solid support. Be aware of your target and what is beyond it. During the zeroing process, the windage & elevation adjustment of the scope will be checked and corrected. Aim the top dot on the bullseye of your target at 20 yards and shoot 3 arrows to confirm placement pattern of your shots. It is recommended to remove the arrows after each shot to reduce risk of damaging them. After firing the first group, evaluate the position of impact (POI, grouping of arrows) relative to the position of aim (POA, bullseye). The adjustment turrets are marked with arrows that show the direction to rotate the turret to affect the noted POI change. For example: if the arrow grouping was low compared to the bullseye, rotate the elevation turret (Figure 1, Item C) counter-clockwise to raise the POI (the elevation turret will be marked "UP" with an arrow pointing in a counter-clockwise direction). Similarly, if the grouping is to the right of the bullseye, rotate the windage turret (Figure 1, Item B) counterclockwise to move the group to the left (the windage turret is marked with a "L" and an arrow pointing in a counter-clockwise direction). It is recommended to adjust only elevation or windage after each group to minimize variability. Continue to fire small groups and adjust until the POI settles on top of the POA. Next, the remaining dot ranges can be set.

### Setting Dot Ranges

The 3-dot sight is designed with a triad of dots that allow for rapid adjustment of POA to compensate for arrow drop at increasing ranges. Each bow will present different dot ranges due to varying speeds, so ranges listed are only a guide.

[arrow weight changes will also affect these ranges so be sure to set the ranges with an arrow/point combination reflective of intended use].



The top dot will be the shortest yardage; it is recommended to sight this in at 20 yards as described in the previous section. To set the second dot, gradually move your target out further until your POI and POA are both in the center of the bullseye using the second dot (noting the yardage when this occurs). Repeat this process for the third dot.

### Maintenance

When not in use, the Red Dot Sight should be kept in one of the off positions, in a clean, dry and ventilated place away from any corrosive material. Never try to take the sight apart or try to clean it internally. Send your sight to a qualified service station if it ever needs repair. Lens surface may be cleaned with a lens cloth.

### Warranty Information

Barnett™ warrants this product to be free from manufacturing defects for a period of one year from the date of purchase. Our liability extends to parts, labor, and return transportation to consumer. Not covered are: Transportation of defective products to our Service Department. Damage caused by abuse, modification or failure to perform normal maintenance, or any other expense, consequential damages, or incidental expenses including damage to property or person.

**How to obtain service:** Please call for a return authorization number prior to sending the unit and write the R.A. # on the outside of the package along with the words, "Service Return". Attach to the product your name, address, telephone number and a letter describing the problem. Carefully package the product and return the product transportation charges pre-paid to >>>

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**WARNING:** Cancer and Reproductive Harm.  
**AVERTISSEMENT:** le Cancer et les Risques de Reproduction. [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## ⚠ WARNING



### INGESTION HAZARD:

This product contains a button cell or coin battery.

DEATH or serious injury can occur if ingested. A swallowed button cell or coin battery can cause INTERNAL CHEMICAL BURNS in as little as 2 HOURS. KEEP new and used batteries OUT OF REACH of CHILDREN. Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. REMOVE and immediately recycle or dispose of used batteries according to local regulations and keep away from children. DO NOT dispose of batteries in household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison center for treatment information. Non-rechargeable batteries are not to be recharged. DO NOT force discharge, recharge, disassemble, heat above the manufacturer's specified temperature of 100°C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. Ensure batteries are installed correctly according to polarity (+ and -). DO NOT mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc or

rechargeable batteries.

**Battery type: CR2032 -**

**Nominal voltage: 3V**

REMOVE and immediately recycle or dispose of used batteries according to local regulations and keep away from children. DO NOT dispose of batteries in household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison center for treatment information. Non-rechargeable batteries are not to be recharged. DO NOT force discharge, recharge, disassemble, heat above manufacturer's specified temperature rating or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. Ensure batteries are installed correctly according to polarity (+ and -). DO NOT mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc or rechargeable batteries. REMOVE and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations. ALWAYS completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries and keep away from children.