



RangeMaster 100 Scope Instructions (HCA-09812)

MOUNTING

The scope is mounted to the crossbow with rings that attach to a dovetail scope mount. Rotate the scope tube until the single duplex line is vertical and the incremental duplex lines are horizontal. Adjust the position of the scope on the crossbow until the proper eye relief is achieved (keeping approximately a 3 to 4-inch distance between your eye and the eyepiece lens).

Loosen the two thumb knobs threaded into the bottom right side of the rings, then attach the scope to the dovetail and tighten the knobs once proper eye relief is achieved.

FOCUSING

If the reticle is not in focus when you look through the scope, adjust the focus by rotating the ring on the outer edge of the rear bell.

NOTE: ADJUST THE SCOPE FOCUS BEFORE MAKING WINDAGE, ELEVATION, OR SPEED ADJUSTMENTS.

LIGHT INTENSITY ADJUSTMENT

Adjust brightness by turning the intensity dial on the left side of the scope. The higher the intensity, the brighter the aiming points will appear (lines are not illuminated). Use the lowest intensity possible for your light conditions to achieve maximum performance. The intensity dial is also the "on" and "off" switch. To operate the scope, line up the color desired with the index dot centered at the rear of the intensity dial. **THE DIAL SHOULD BE IN THE "R" OR "G" POSITION ON THE SCOPES WHEN NOT IN USE.** **Note:** The scope may be left on for the duration of each day's hunt.

SCOPE OPERATION

The **RangeMaster 100 Scope** is equipped with three illuminated dots calibrated at 20-, 30-, and 40-yards, three illuminated crosshairs at 50-, 60-, and 70-yards, and three illuminated chevrons at 80-, 90-, and 100-yards.

The aiming points can be viewed in black (when the dial is in the "R" or "G" off positions), red, or green. The red and green aiming points (illuminated) in the scope are intended for lower light conditions, while the black (non-illuminated) aiming points provide the best results in bright light conditions.

ELEVATION AND WINDAGE ADJUSTMENTS

Before sighting in your crossbow, adjust the speed dial on the scope to match the advertised speed of your crossbow (380 to 505 feet-per-second crossbows) based on the arrow you will be using.

Sight the crossbow in at 20-yards using the top dot/lines. If the impact point is different than the aiming point, make adjustments to the vertical (elevation) and/or horizontal (windage) adjustments. Unscrew the adjustment caps and turn the adjustment knob(s) in the direction needed to make your correction(s). Continue to shoot the crossbow and adjust the scope until your impact and aiming points coincide. Once sighted-in at 20-yards, the top dot/lines will be zeroed-in at 20-yards and the bottom chevron should be accurate at approximately 100-yards.

Fine-tune your scope settings at the 50-yard crosshair/lines using the scope's speed dial. If you are hitting high at the 90- or 100-yard distance, adjust the speed dial to a higher speed level to lower the point of impact. Or, if you are hitting low, adjust the dial to a lower speed level to raise the point of impact. Make any windage/elevation adjustments needed to get close to the bullseye. Once sighted-in at 50-yards, the bottom chevron should be zeroed-in at 100-yards.

Note: At 50-yards it takes approximately four to five clicks to move your point of impact ¼-inch.

BATTERY

The illuminated scopes require a lithium 2032 size battery. Lithium batteries have a shelf life of up to ten years. They are designed to operate in temperatures far below that of other power cells. The battery life is determined by the number of hours used and brightness intensity. Therefore, **YOU SHOULD ALWAYS CARRY A SPARE BATTERY IN THE FIELD TO BE SAFE.** The battery is located under the intensity dial cover. Unscrew the intensity dial cap to access the battery.

MAINTENANCE

Keep the scope away from acid, alkaline and other corrosives. Remove dust and dirt on the surface of the scope with a soft cloth or soft tissue with a small amount of alcohol.

WARRANTY

TenPoint Crossbow Technologies guarantees its scopes against defects in materials and workmanship for a period of five years (5-years) from the date of original purchase. **To make a claim under this warranty, call our Customer Experience Team at (330) 628-9245 for a Return Authorization Number or submit your Return Authorization request online at www.tenpointcrossbows.com. DO NOT RETURN THE SCOPE TO THE PLACE OF PURCHASE FOR WARRANTY CLAIMS.** TenPoint Crossbow Technologies will not accept returned merchandise without a Return Authorization Number displayed on the outside of the shipping container. Insure your shipment and send it via U.S. Postal Service, UPS, or FedEx, prepaid. The purchaser must provide proof of purchase, including purchase date.

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