



MARKSMAN™ ELITE SCOPE INSTRUCTIONS

(HCA-095.3VA or HCA-095.3)

MOUNTING

The scope is mounted to the crossbow with rings that attach to a dovetail scope mount. Loosen the two thumb knobs threaded into the bottom right side of the rings, then attach the scope to the dovetail and lightly tighten the knobs. 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), then finish tightening the scope rings.

LEVELING

Position your crossbow in a vise so it cannot move. Then place a 2-foot-long level, or longer, across the limbs and perpendicular to the flight rail. When you have the crossbow level in the vise, to verify the scope is level in the rings. If adjustments are necessary, loosen the four mounting screws at the top of the rings and adjust until plumb. When the scope is plumb, tighten the four mounting screws back down in equal amounts. Once your scope is secure and level, you will be able to reference the bubble level on the dovetail while shooting.

FOCUSING

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

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

LOCKING SPEED DIAL RING

Before sighting in your crossbow, adjust the speed dial on the scope to match the advertised speed of your crossbow with the arrow you will be using (380 to 550 feet-per-second crossbows).

Grasp the knurled speed dial ring and pull it toward the front of the scope (away from the eyepiece) to its open position. Adjust the dial to your desired speed setting, then push the speed dial ring back into its closed position.

LIGHT INTENSITY ADJUSTMENT

Adjust crosshair brightness by turning the intensity dial on the left side of the scope. The higher the intensity, the brighter the crosshairs will appear. 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 intensity number/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 power may be left on for the duration of your day's hunt.

SCOPE OPERATION

The Marksman Elite Scope is equipped with three illuminated duplex crosshairs calibrated for 20-, 40-, and 60-yards, two illuminated dots at 30- and 50-yards, and four non-illuminated chevrons at 70-, 80-, 90-, and 100-yards. The top crosshair is the 20-yard setting, and the bottom chevron is the 100-yard setting. All of the settings can be viewed in black (when the dial is in the "R" or "G" off positions), and the 20- thru 60-yard settings can be viewed in Red or Green. The illuminated Red and Green views are intended for lower light conditions.

ELEVATION AND WINDAGE ADJUSTMENTS

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. Lift up the turret caps and turn them 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, then push down on the turret caps. 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 40-yard crosshair/line using the scope's windage and elevation adjustment knobs. Once sighted in at 40-yards, use the speed dial to fine tune other aiming points. 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. Once sighted-in at 40-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 Marksman Elite Scope 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 (EVO-X) 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 PLACE OF PURCHASE FOR WARRANTY CLAIMS.** TenPoint Crossbow Technologies (EVO-X) 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, FedEx, or UPS, prepaid. The purchaser must provide proof of purchase, including purchase date.

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