



Instruction Manual

IAMCS-42mm & AMCS-42mm

Illuminated Adjustable Multiplex Crossbow Scope & Adjustable Multiplex
Crossbow Scope

For all crossbows shooting 225 to 450 feet per second

CONGRATULATIONS ON PURCHASING OUR PURE POWER ILLUMINATED
ADJUSTABLE MULTIPEX CROSSBOW SCOPE

The new PURE POWER IAMCS-42mm & AMCS-42mm has the best light gathering in the industry an above average field of view and the largest Speed adjustment in the world. The IMCS & AMCS are built around our solid one piece tube design that will ensure your scope keeps it's gas charge and won't fog up for years of trouble free enjoyment.

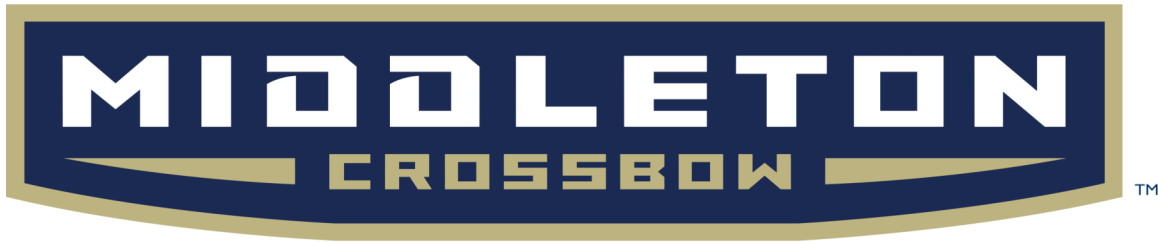
Please read your instructions and contact your local dealer or us directly with any questions or concerns.

Safe Hunting
Derrick Middleton

MIDDLETON CROSSBOW INC.

ILLUMINATION OF RETICLE (RED or GREEN)

To illuminate the crosshairs, turn the illumination knob (located in the mid section of the scope) clock-wise toward you. As you cycle it toward you it will adjust intensity (1) being lowest and (5) being brightest, as well turn from red to green. In our experience a low number setting is best for lowest light and a high number setting bright light. (ALWAYS CYCLE THE ADJUSTMENT KNOB CLOCKWISE, TURNING THE KNOB COUNTER CLOCKWISE COULD LEAD TO PREMATURE FAILURE OF THE ILLUMINATION PORTION OF THE SCOPE)



BATTERY INFORMATION AND REPLACEMENT

The scope uses a 3V lithium battery model CR2032 this battery is available in most hardware and drug stores. To replace the battery, the outside flat surface of the adjustment knob has been fitted with a slot using a coin or a slotted screw driver turn the knob counter clockwise to remove the battery cover, this battery should be installed facing up (**ie. you will see the writing on the battery if it is installed correctly**) replace the cover and tighten clockwise.

FOCUSING

While holding the scope about 3-4 inches from your eye, quickly glance through the eyepiece at a featureless, flatly lit, bright area such as a wall or open sky.

CAUTION: Viewing the sun can cause serious eye injury. Never look at the sun with this product or even the naked eye.

If the reticle is not sharply defined instantly, turn the focusing ring in either direction. If the focus has improved, but is still not perfect, continue focusing. If the focus condition becomes worse, turn it the opposite way.

MOUNTING

NEVER MOUNT A SCOPE WHILE THE CROSSBOW IS LOADED

- Mount the rings to the scope pick slotted areas of the mount that will give some adjustment for eye relief.
- Separate the top portion from the bottom portion of the ring. Set the scope in the mount replacing the top portion and screws (DO NOT FULLY TIGHTEN THE SCREWS AT THIS TIME)
- Rotate the scope until the elevation turret (up and down turret) is at the top.
- Shoulder or bench rest the crossbow and pull the scope back toward you until you see the full field of view.
- Turn the scope until the reticle appears level and aligned with the limbs.

- Tighten the rings a few turns at a time alternating front right, left rear, front left right rear, in my experience keeps the reticle level and stops it from turning as you tighten.
- If you are unhappy loosen and repeat the last step until you are happy with the appearance of the reticle and it's concentric ness.

EXTREME CAUTION: Do not over tighten the rings this can damage the scope tube and render it inoperable. There will be a slight gap between the top and bottom halves of the rings. The gap should be even on the left and right side of the rings.

ZEROING

CAUTION: Always shoot at an approved range or safe area, be sure of your back stop.

1. Field points should be used for zeroing your scope.
2. Use a target for sighting which will safely stop your arrows and not damage them.
3. Begin at 10 yards using the cross hair fire several shots to establish a point of impact.
4. From 20 yards fine tune your sighting by shooting several arrows using the crosshair. Every inch. Left and right up and down will require 20 clicks per inch. (1 inch. of adjustment equals 20 clicks @ 20 yards)
5. To set your range compensation reticle turn the speed adjustment ring at the rear of the bow to the appropriate speed.
6. To tune this portion of your scope move back to a measured 50 yards and check your bows point of impact using the lowest triangle. If your arrow hit's high of your point of aim increase the speed ring toward a higher speed. If you hit low decrease the speed on the ring. Check again to make sure your arrow impact is exactly where you want it. Your Pure Power Scope is now calibrated, be sure and shoot 20/30/40/50 yards once you are happy. (All of the above is the same for the DTM375 except for the fact that the bottom triangle can be set for 60 yards, your markers will be 30 for the crosshair 40/50/60 for the others.)

PARALLAX

Your pure power scope is set to be parallax free at 30 yards. No variation in parallax will be detected over normal crossbow hunting distances.

ARROW DROP COMPENSATION

The scope has built in reference marks for 0 – 50 yards. Crosshair is set to your 20 yard mark, where the line gets wider above the crosshair is the 10 yard mark.

First triangle below the crosshair is your 30 yard mark, 40 yard mark is the second triangle and the bottom triangle is 50 yards. Estimating distance is critical to good arrow placement, if you do not use a range finder it is good practice to put a marker around your stand so you know your games distance.