Range Estimating (For Mil-Dot Models only)

- Range estimating requires common knowledge/experience about your target's actual width or height.
- Use the Mil-Dot instruction card included for the specific formula for your scope model.
- 1 mil on the reticle is the distance from the center of one dot the center of the next dot.
- Set your scope at the 10X power. View the target through the scope. Place the center of the dot against one edge of the target and measure to the opposite edge of the target.
- Once the target has been measured in mils, use the formula (D) below to calculate the target distance.

(Height or Width of Target in Meters x 1000)/(Height or Width of Target in Mils) x Magnification/10=Range in Meters
(1 M= 1.0936 yards. Hence (1.016 x 1,000/9) x (9/10) = 101.6 meters (110 yards)

Installing Sunshade

Remove the objective lens cap if still attached. Next, remove the objective lens ring. To install sunshade, insert into end of objective lens, gently turning clockwise until tight. Next, re-insert the objective lens ring into end of sunshade. To remove, just reverse installation instructions, turning counter-clockwise.

Using the Scope Level

- Start by mounting your scope (see mounting instructions), but leave the scope rings slightly loose.
- Position your rifle on sandbags or use a bipod.
- Focus your scope on a known horizontal (or) vertical straight edge to use as reference for your crosshairs.
- When the scope level shows your rifle is perfect level, rotate the scope until the crosshairs are parallel to your straight edge. Tip: hang a string with a weight on the end to use as perfect vertical reference.
- Tighten the scope rings.

Maintenance

- Your PRESMA® riflescope though amazingly tough, is a precision instrument that deserves reasonable cautious care.
- When cleaning the lenses, first blow away any dirt and dust, or use a soft lens brush. Fingerprints and lubrication can be wiped off with lens tissue, or a soft clean cotton cloth, moistened with lens cleaning fluid.
- All moving parts of the scope are permanently lubricated. Do not try to lubricate them.
- No maintenance is needed on the scope's outer surface, except to occasionally wipe off dirt or fingerprinted with a sort cloth.
- Use lens covers whenever convenient.

Storage

- Avoid storing the scope in hot places no more than 125F, such as the passenger compartments of vehicles on hot days.
- The high temperatures could adversely affect the lubrication and sealants.
- A vehicle's truck, a gun cabinet or a closet is preferable.
- Never leave the scope where direct sunlight can enter either the objective or the eyepiece lens.
- Damage may result from the concentration (burning glass effect) of the sun's rays.

Warranty - Lifetime Warranty

- Your PRESMA® riflescope is warranted to be of defects in materials and workmanship for the lifetime of the original owner.
- The lifetime Warranty is an expression of our confidence in the materials and mechanical workmanship of our products and is your assurance of a lifetime of dependable service.
- This warranty does not cover damage results from normal wear and tear or failure with routine maintenance.
- This warranty does not cover the batteries or accessories.
- The warranty covers the original purchaser of the product and it is not transferable.

In the event of a defect under this warranty, we will at our option, repair or replace the product, provided that you return the product postage prepaid. Installation or maintenance of the product.
Any return made under this warranty must be accompanied by the terms listed below:

- Call or email us to obtain an RMA # (see our website for contact information).
- A check in the amount of $15.00 to cover the cost of shipping
- Name and address for product return
- An explanation of the defect
- Product should be well packed in a sturdy outside shipping carton to prevent damage in transit and return postage prepaid to:
  PRESMA RMA center - 13626 Monte Vista Ave, Unit E, Chino, Ca 91710, USA

For products purchased outside the United States and Canada please contact your local dealer for applicable warranty information.
This warranty gives you specific legal rights. You may have other right which vary from country to country.
This RMA center is conducting operation of repair and defected products exchange only. For returning product and refund issue, please contact your original dealers or resellers.

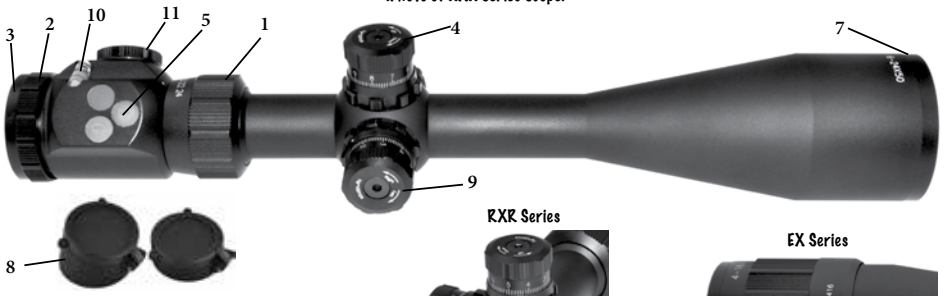
Presma® EX and RXR(6) Series Riflescope Instruction Manual

Congratulations on your purchase of a Presma® Riflescope!

Presma® EX and RXR(6) Series Scopes are Precision Instruments constructed of the finest materials and assembled by our highly skilled craftsman, for trouble-free use, under the most demanding environmental conditions. Read these instructions carefully before mounting and using your new riflescope. This manual will help guide you to achieve optimum performance and function, and explains the various features and proper maintenance.

- WARNING: Direct view to the sun can cause permanent eye damage.
- DO NOT attempt to view the sun through riflescope or other optics instruments.
- WARNING: Always follow Firearms Safety Procedures and Local Firearms law and regulation.

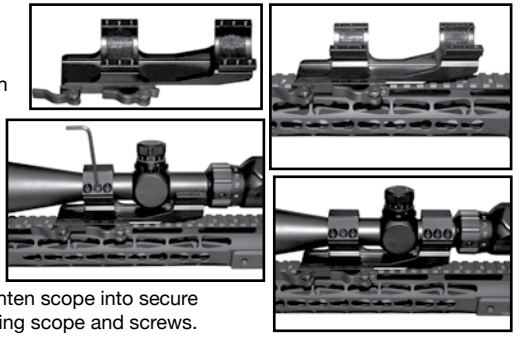
(Photo of RXR Series Scope)



Know Your Scope

1. Magnification Ring
2. Fast Focus Eyepiece
3. Ocular Lens
4. Elevation Adjustment
5. Red/Green/Blue Illumination Buttons
6. Parallax Adjustment
7. Objective Lens
8. Removable Flip-open Lens Caps
9. Windage Adjustment
10. Integrated level on eyepiece
11. Battery Cover

Mounting your Scope



Before mounting, check that your firearm is unloaded. Practice Firearms Safety Procedures at all time. Hire a qualified gunsmith to do the mounting if you feel necessary.

- Loosen ring mounting screws and place the bottom halves in place of mount. Slightly hold in rail/ mount but not tighten yet.
- Adjust your ring to create a comfortable shooting position with eye relief and reticle level to see through the scope.
- Place the scope onto the ring saddle, replace the top rail of ring with screws to tighten scope into secure condition. Don't overtighten to avoid damaging scope and screws.
- Try your eye relief by putting rifle on a steady shooting position until you achieve a full field of view.
- Tighten the screws on the ring to complete a firm grip of scope.

Zeroing the Scope
The purpose of zeroing the scope is to ensure that the scope is alighted with impact point of the pellet or bullet from the rifle. Before zeroing the scope, read the following adjustment knob instruction carefully.
Note: the windage and elevation adjustment knobs have a unique resetting screw design. A hex wrench is provided with the scope for adjustment.

Zero Locking - IMPORTANT NOTE: W/E locking rings are set at "locked position" for a brand new scope.
- Tighten the zero locking ring by rotating clockwise. Do not over-tighten.
- When the zero locking ring is tightened, the windage or elevation adjustment knob is "locked." The knob will not rotate, preventing any accidental movement to lose zero.

Zeroing
When the zero locking rings are in the un-locked position, the windage/ elevation knobs can be rotated.
- Place a target 100 yards away.
- Ideally use a steadying device such as a bipod or shooting stand, set the scope at the highest magnification, aim at the center of the target and fire a test shot, if safe to do so.
- If the impact point of the pellet or bullet is exactly in the center of the target then the scope is zeroed. If it is not, you will need to adjust the reticle using the elevation and/or windage adjusters.
- Vertical Adjustment (Elevation)-Use your fingers to turn the adjusting knob as required. One click in either direction equals approximately ¼ inch at 100 yards.
- Horizontal Adjustment (Windage) - Use your fingers to rotate the adjusting knob as required. One click in either direction equals approximately ¼ inch at 100 yards.
- Having adjusted the windage and elevation as required, fire, if safe to do so, another test shot. Keeping adjusting and test firing until the test shot impacts on the center of the target when the reticle is on the center of the target. This is vital for accurate shooting.

@50yds	@100yds	@200yds	@300yds
1/8"	1/4"	1/2"	3/4"

Zero Resetting
Once your scope is zeroed, rotate the zero locking ring to lock zero. The "0" marking may not aligned to the indexing white dot at the original center position now. Optionally, you can use the following steps to reset zero by rotating the "0" marking to the indexing white dot.
- Ensure zero is "locked"
- Use the hex wrench to turn the zero resetting hex screw counter clockwise to disengage the W/E knobs. (IMPORTANT: Be gentle with the screw movement. Do not over extend the rotation. Stop when met with resistance.)
- When the W/E knob is disengaged, rotating the knob will not produce any clicking sound and will not affect zero. You can re-position the "0" marking to the indexing white dot. (If you get clicks when rotating the W/E knob, the knob was not properly disengaged. You need to go back and re-start from zeroing your scope.)
- Before tighten the zero resetting hex screw, turn the Zero locking Ring counter clockwise.
- Be careful to keep the W/E knob still now that it is un-locked. Use the hex wrench to gently tighten down the zero resetting hex screw to complete zero resetting. (If you get clicks when rotating the W/E knob, the knob was not properly disengaged, you need to go back and re-start from zeroing your scope.)

IMPORTANT: Rotate the locking ring clockwise to lock zero immediately.

Magnetic Presma Target Assistant (PTA) - Optional (available for purchase).
PTA quickly adjust your shooting target yardage just one rotating click. PTA automatically makes range adjustments for you. When your scope is done zeroing simply place over the top of Elevation turret.
- Choose the right version PTA for your caliber .308, .223 or 7.62 x 39. Place the PTA over the Elevation turret (on top of scope) and locking ring for Elevation turrets.
- Align zeroing assistant "100Y" remark with the central line.

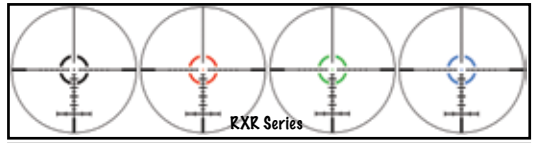
You can now select the pre- marked yardages on the PTA and your scope will be zeroed in for the selected distance. Once you are satisfied PTA setting, secure locking rings.

Variable Magnification Power Adjustment
Twist the magnification power ring left or right to preferred power setting.
The magnification power is indexed in numbers.

The higher the number, the closer the objective will appear to you.

Adjust Diopter
- Set to any magnification power first.
- View though the scope and adjust the fast focus eyepiece until the crosshair image appears clear and sharp.

Adjust Parallax (Applies to models with adjustable parallax side knob or front objective lens ring)
- Set to the largest magnification power setting
- Aim the scope at your target, then adjust the parallax setting until the target object appears clear and sharp.
- Swing your head slightly from left to right, if there is no swift between the target and crosshair, you are done. If there is shift, repeat adjustment procedure.



PRESMA riflescopes can be used in either the standard or the illuminated state. When not illuminated, the reticle performs the same as the reticle in a standard non-illuminated PRESMA scope. When the illumination is activated, portions of the reticle will illuminate to provide better contrast in poorly lighted conditions between the target and the precise position of the aiming point. The scope will remember the last settings used.

To illuminate the reticle:
- Press the desired color illumination button to turn on. Adjust the intensity of the reticle by pressing the button repeatedly. When the lowest setting is reached, press the button again, the intensity will jump to the highest, then begin decreasing each time the button is subsequently depressed.
- View the target through the scope to determine if the reticle is bright enough to stand out clearly against the target. If not, keep adjusting the illumination setting higher.
- Press and hold any button for 2 seconds to turn off reticle illumination.
- Automatic shut off will occur if there is are no operations for 45 minutes.

Round X Range Estimate (RXR) Reticle
RXR provides versatile capacities in Bullet Drop Compensation, rapid aiming round circle, Mil dot and range estimate. The RXR scope is designed to be zeroed at 100 yards using RXR the center of crosshair as the point of aim/point of impact (POA/POI). In order for the bullet drop compensator to work correctly, a 100 yards zero should be verified. The 100 yards zero allows the BDC reticle to be used effectively to 300 yards.

Bullet Drop Compensator (BDC)
The reticle pattern for the scope with RXR reticle is carefully designed so that the user does not need to make adjustments to the windage or elevation adjusters between shots at different distances. Because this ranging capability is built into the reticle pattern and because it is parallax free along its vertical axis, the RXR reticle series scopes are accurate out to 300 yards.

Rapid Aiming Round circle
- Open both eyes, raise your weapon and move into alignment with red round circle.
- As soon as you get close to the target, your brain will automatically switch to the magnified view as you make your final exact telescopic aim.
- Do it yourself in practice will take you less time to learn this technique from this page.