

CENTER POINT

PRECISION OPTICS
CP312AOC / CP312RGC
OWNER'S MANUAL

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS SCOPE

CenterPoint Precision Optics
7629 Routes 5 & 20
East Bloomfield, NY 14443
www.centerpointoptics.com
1-866-726-1122

CP312AOC-515

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS SCOPE.

All CenterPoint scopes are constructed with high quality precision machined parts. The rugged one piece tube construction works for all terrains and weather. The scope is precision machined to exact tolerances from aircraft-grade aluminum alloy.

WARNING: Direct viewing of the sun can cause permanent eye damage. Do not attempt to view the sun through this rifle scope or any other optical instrument.

WARNING: Always follow all rules of firearm and gun safety.

Learning the parts of your scope

Learning the names of the parts of your new scope will help you to understand your owner's manual.

1. Magnification Ring
2. Fast Focus Eyepiece
3. Ocular Lens
4. Elevation (vertical) adjustment
5. Side Parallax Adjustment Dial (Model-CP312AOC) OR Red/Green Illumination Dial (Model-CP312RGC)
6. Objective lens
7. Removable Flip Open Lens Covers
8. Windage (horizontal) Adjustment



Mounting the Scope

CAUTION: Always ensure your rifle is UNLOADED, UNCOCKED and the safety is applied before fitting the scope. Practice safe handling procedures at all times.

- Carefully follow the instructions packed with the scope mounts you have selected.
- Fit the ring bases to the mount rail of the rifle.
- Remove the top piece of the ring and place the scope on the exposed fitted ring bases. Replace the top piece of the ring and finger tighten.
- Put the rifle to your shoulder in your natural shooting position and adjust the scope's eye relief until you achieve a full field of view.
- When you have found the ideal eye relief rotate the scope so the reticle cross hairs are vertical and perpendicular to the rifle.
- Tighten the screws on the ring to ensure a firm grip on the scope. **NOTE: Do not over tighten the screws as you could cause damage to the scope body.**

Adjusting Parallax and Focus

- Aim the scope at your target. Adjust the fast focus eyepiece until both the crosshair and the target are in sharpest focus.
- Rotate the side parallax adjustment dial (**only available on CP312AOC model**) to the desired distance setting until the target is in the sharpest focus and the center of the crosshair stays on the target while you examine the image by slightly moving your head.

Variable Power Adjustments

To change the magnification, simply rotate the magnification ring to align the desired magnification with the index dot.

Red or Green Illuminated Reticle (For RG models only)

Your scope is designed with crosshairs that illuminate in red or green for ease of use. To use the illumination feature-

- Remove the battery cover from the red/green illumination dial by turning counter clockwise.
- Install one CR2032 3V lithium battery into the compartment with the "+" side up.
- Replace the cover and tighten in by turning it clockwise.
- Turn the red/green illumination dial to illuminate the red or green crosshairs. The brightness will change as you turn the dial. The markings on the dial show the color and intensity of the light. Lining the "R" or "G" up with the dot will turn the illumination off.

Zeroing the Scope

The purpose of zeroing the scope is to ensure that the scope is aligned with the impact point of the pellet or bullet from the rifle. Before zeroing the scope, read the following adjustment knob instructions carefully.

- 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 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 adjustment 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 1/8 inch at 100 yards.
- **Horizontal Adjustment (Windage)** - Use your fingers to rotate the adjusting knob as required. One click in either direction equals approximately 1/8 inch at 100 yards.
- Having adjusted the windage and elevation as required, fire, if safe to do so, another test shot. Keep 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.

Note: Each click of adjustment moves the impact point by the amount shown in the table below:

W/E Adjust Click Value	@ 50yds	@ 100yds	@ 200yds	@ 300yds
1/8 M.O.A.	1/16"	1/8"	1/4"	1/2"

Zero Resetting

Once your scope is zeroed, rotate the zero locking ring to lock zero. The "0" marking may not be facing you at the original center position now. Optionally, you can use the following steps to reset zero by rotating the "0" marking to the center positions:

- 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 center position. (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 tightening 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 while tightening the screw, you will need to go back and re-start from zeroing your scope.)
- **IMPORTANT:** Rotate the locking ring clockwise to lock zero immediately.

Range Estimating

Range estimating requires common knowledge/experience about your target's actual width or height. Use the the Mil-Dot instruction card in the scope box for the specific formula for your scope model.

Installing Sunshade

- Remove Flip Open Lens Covers
- Screw on a proper sunshade to the front of the objective.



Maintenance

- Take care not to drop or knock the scope once it is zeroed.
- Keep the protective lens covers in place when the scope is not being used.
- Store the scope in a cool dry place when not in use.
- Be careful to avoid contact with acid, alkaline or corrosive chemicals.
- Do not attempt to lubricate any part of the scope.
- Do not disassemble the scope. Do not loosen or remove any screws or parts. Any such or similar actions will void the warranty.
- Wipe the lens with a clean flannel cloth to keep it clean and dry. Do not use finger or finger nail to touch or clean lenses.
- Use only a clean flannel cloth for cleaning.
- To maintain battery life, in RG models, turn illumination off when not in use.

Specifications

Model	CP312AOC	CP312RGC
Magnification	3x-12x	3x-12x
Objective Diameter (mm)	44	44
Exit Pupil (mm)	14.7 - 3.7	14.7 - 3.7
Eye Relief (inches)	3.4	3.4
Field of View (@ 100yds)	32.0' - 11.5'	32.0' - 11.5'
Tube Diameter (mm)	30	30
Length (inches)	10.75	10.75
Weight (ounces)	7.7	7.7
W/E Adjust Click Value	1/4 MOA	1/4 MOA
Parallax Setting (yds)	10 to Infinity	100
Battery	-	CR2032 3V Lithium

LIMITED LIFETIME WARRANTY ON CENTERPOINT SCOPES

Your CenterPoint scope is warranted to be free of defects in materials and workmanship for the lifetime of the original owner. This warranty does not cover damages due to fair wear and tear, failure to provide routine maintenance, and does not include batteries or accessories. This warranty lasts as long as the original purchaser owns the product, and is not transferable. In the event of a defect under this warranty, we will, at our option, repair or replace the product provided our inspection indicates that an original defect exists. CenterPoint reserves the right to replace any product which is no longer available with a product of comparable value and function. If CenterPoint determines the repair is not covered under the warranty guidelines, there could be a charge to you for the repair. This is a limited warranty and does not cover damages caused by misuse, improper handling or installation or maintenance provided by someone other than a CenterPoint Authorized Service Station.

This limited warranty does not include consequential damages, incidental damages, or incidental expenses, including damage to property or any other expense. CenterPoint disclaims any implied warranties. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on implied warranties so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

WARRANTY CLAIMS/ REPAIR SERVICE

If your scope needs repair, call CenterPoint Customer Service at 1-800-726-1122 or visit our web site at www.centerpointoptics.com. **DO NOT ATTEMPT TO DISASSEMBLE IT!** Any disassembly or modification not performed by an Authorized Service Station will void the warranty.

USA Customers: Please contact CenterPoint before shipping your product. Include with product your name, address, description of problem, phone number and copies of sales receipt and warranty. A check or money order in the amount of \$10.00 to cover the cost of postage and handling is also required. Package and return to CenterPoint, Crosman Corporation, 7629 Rts. 5 & 20, E. Bloomfield, NY 14443. CenterPoint will not assume any responsibility for any loss or damage incurred in shipping.

Canadian Customers: Contact Crosman Parts and Service at (705) 749-0206 before shipping your product. Follow packaging and shipping procedures above and send to Crosman Parts & Service Depot, 611 Neal Drive, Peterborough, Ontario K9J 6X7 Canada. Shipping and handling costs may apply.

Other International Customers: Please return product to your nearest distributor. If you do not know your distributor, please call 585-657-6161 and ask for our International Department for assistance. Shipping and handling costs may apply.

Modelo CP312AOC / CP312RGC MANUAL DEL PROPIETARIO

LEA TODAS LAS INSTRUCCIONES Y ADVERTENCIAS DE ESTE MANUAL ANTES DE USAR LA MIRA

EL COMPRADOR Y EL USUARIO TIENEN EL DEBER DE OBEDECER TODAS LAS LEYES RELATIVAS AL USO Y PROPIEDAD DE ESTA MIRA TELESCÓPICA.

Todas las miras telescópicas CenterPoint están construidas con piezas mecanizadas de precisión de alta calidad. La resistente construcción de tubo de una pieza funciona para todos los terrenos y climas. La mira telescópica está mecanizada con precisión a tolerancias exactas a partir de aleación de aluminio de grado de aeronave.

Advertencia: La visión directa del sol puede ocasionar daños permanentes al ojo. No intente ver el sol a través de esta mira telescópica del rifle ni de ningún otro instrumento óptico.

Advertencia: Siempre siga todas las reglas de seguridad para armas de fuego.

Aprendiendo las partes de su mira telescópica

Aprendiéndose los nombres de las partes de su nueva mira telescópica le ayudará a entender su manual del propietario.

1. Anillo de aumento
2. Ocular de enfoque rápido
3. Lente ocular
4. Ajuste de elevación (vertical)
5. Selector de iluminación Rojo/Verde (sólo en modelos RG) or selector de ajuste de paralaje lateral (sólo en modelos AO)
6. Lente del objetivo
7. Tapas de los lentes removibles con bisagra
8. Ajuste de compensación de viento (horizontal)



Montaje de la mira telescópica

PRECAUCIÓN: Antes de instalar la mira telescópica, asegúrese siempre de que el rifle esté DESCARGADO Y DESAMARTILLADO y que el seguro esté aplicado. Practique procedimientos de manipulación seguros en todo momento.

- Siga cuidadosamente las instrucciones incluidas con las monturas de la mira telescópica que ha seleccionado.
- Ajuste las bases de los anillos al riel de montaje del rifle.
- Quite la pieza superior del anillo y coloque la mira telescópica en las bases expuestas de los anillos ajustados. Vuelva a colocar la pieza superior del anillo y apriete con los dedos.
- Coloque el rifle en el hombro en su posición natural de disparo y ajuste la distancia del ojo hasta que consiga una vista de todo el campo.
- Cuando haya encontrado la distancia del ojo ideal, gire la mira telescópica de modo que las marcas en cruz de la retícula estén verticales y perpendiculares al rifle.
- Apriete los tornillos del anillo para asegurar un agarre firme de la mira telescópica. **NOTA:** No apriete los tornillos en exceso ya que podría ocasionarle daños al cuerpo de la mira telescópica.

Ajuste del paralaje y del foco:

- Apunte la mira telescópica a su blanco. Ajuste el ocular de foco rápido hasta que ambas líneas de la cruz y del blanco estén enfocados de la forma más nítida.
- Gire el anillo de ajuste de paralaje lateral al valor de distancia deseado hasta que el blanco esté enfocado de la forma más nítida y el centro de la cruz de la retícula permanezca en el blanco mientras usted examina la imagen moviendo ligeramente la cabeza.

Ajustes de potencia variable

Para cambiar el aumento, simplemente gire el anillo de aumento para alinear el aumento deseado con el punto de índice.

Reticula iluminada roja o verde (sólo para modelos RG)

Su mira telescópica está diseñada con una retícula que se ilumina en rojo o verde para un uso más fácil. Para usar la función de iluminación-

- Quite la tapa de la pila del selector de iluminación roja y verde girándola en sentido contrario al de las manecillas del reloj.
- Instale una pila de litio CR2032 de 3V en el compartimiento, con el lado "+" hacia arriba.
- Reemplace la tapa y apriétela girándola en el sentido de las manecillas del reloj.
- Gire el selector de iluminación roja y verde para iluminar la retícula en rojo o en verde. El brillo cambiará conforme gira el selector. Las marcas del selector muestran el color e intensidad de la luz. Al alinear "R" (rojo) o "G" (verde) con el punto, se apaga la iluminación.

Ajuste en cero de la mira telescópica

El objetivo del ajuste en cero de la mira telescópica es asegurarse de que la mira telescópica esté alineada con el punto de impacto del diábolo o la bala procedentes del rifle. Antes de ajustar la mira telescópica en cero, lea cuidadosamente las siguientes instrucciones para el ajuste de la perilla.

- Las perillas de ajuste de compensación de viento y elevación tienen un diseño exclusivo de tornillos de restauración. Se entrega una llave allen con la mira telescópica para hacer los ajustes.

Bloqueo en cero

NOTA IMPORTANTE: Los anillos de bloqueo de viento y elevación están fijados en "posición bloqueada" en las miras telescópicas nuevas.

- Apriete el anillo de bloqueo en cero girándolo en sentido de las manecillas del reloj. No lo apriete en exceso.
- Cuando el anillo de bloqueo del cero esté apretado, la perilla de ajuste de viento y elevación está "bloqueada". La perilla no girará, evitando perder el cero con un movimiento accidental.



