



SCORPION
OUTDOORS

REDHOT

RIFLESCOPE USER MANUAL



Thank you for your purchase!

REDHOT MODELS

RH17 4-12X40 AE
RHV 4-16X44 AE SF
RHV 6-24X44 AE SF

Redhot series riflescopes share many fine features, including duplex reticles, "RDS" turrets, and HD fully multicoated lenses. All Redhot Series scopes are waterproof/fog proof, magnum rated and are covered by a lifetime "Sting Free" material and workmanship warranty.

WHAT'S IN THE BOX

Allen wrench
Lens cloth
Lens covers

GETTING TO KNOW YOUR SCOPE

Redhot series features (all models)

- Easy-adjust eyepiece
- Duplex reticle
- 1 piece T6061 aluminum tube
- RDS system with G2 turrets
- HD lens with watershed hydrophobic lens protection
- Blackout lens edge
- 1/4" turret adjustment
- Side parallax adjustment

Note: All RDS in stock ballistic turret caps are listed on each product page.

SCOPE OPERATION

RETICLE FOCUS

All Redhot scopes come equipped with an easy-to-adjust eyepiece designed to focus the reticle with a simple in or out turn of the

eyepiece. Looking through the scope at a plain white wall, turn the eyepiece till the reticle is perfectly in focus.



SIDE FOCUS (SF) PARALLAX ADJUSTMENT

Starting with the reticle in focus, pick a target distance. Adjust the magnification ring to 10 or higher, then start to turn the side focus knob till the image is sharp and there is no apparent movement between the reticle and the target. The numbers on the side focus dial should match up reasonably close to the distance you are shooting.

* What is Parallax? It is a phenomenon that results when the target image does not quite fall on the same optical plane as the reticle within the scope. When the shooter's eye is not precisely centred in the eyepiece, the target can have apparent movement in relation to the reticle, which can cause a small shift in the point of aim. Parallax error is most problematic for precision shooters using high magnifications.

RDS SYSTEM

Your Scorpion Redhot scope comes equipped with 1/4" MOA windage and elevation turrets that have 15 inches of adjustment per revolution. Find Additional turret caps on our website product pages, and they cover a wide range of varmint and big-game calibres.

BALLISTIC TURRET CAP SET-UP INSTRUCTIONS

* CAUTION: Please make sure your firearm is not loaded.

1. Install the scope on your firearm.
2. Remove elevation + windage caps.
3. Sight your rifle in to be dead on at 100 yards.
4. Replace elevation cap with ballistic turret cap with 100 yards zero on indicator mark. (If there is no indicator mark on your scope, you may have to make one).



Note: Changing bullet weight, velocity or sight in range will affect ranges on your ballistic dial.

RIFLE SCOPE MOUNTING

It must be securely mounted to your rifle to get the maximum performance and reliability from your Scorpion rifle scope. Ensure your rings and bases are straight and properly installed on the rifle.

If you are unsure of the mounting procedure, contact a qualified Gunsmith.

EYE RELIEF AND RETICLE ALIGNMENT

Set the riflescope magnification to a midrange setting.

1. Slide the riflescope as far forward as possible in the rings.
2. While looking through the riflescope in a normal shooting position, slide the riflescope back towards your face, paying attention to the field of view. Just as the full field of view is visible, stop the movement of the riflescope.
3. Without disturbing the front-back placement, rotate the riflescope until the vertical cross-hair exactly matches the vertical axis of the rifle. Use of a reticle levelling tool, a weight hung on a rope, or bubble levels to help with this procedure.
4. After aligning the reticle, tighten and torque the ring screws (16-18 INCH LBS.)

Over tightening the ring caps may crush or damage the scope tube and void the warranty.

SIGHTING IN

Use a grid style or laser boresighter to centre your scope on target to save time and ammo.

AT THE RANGE

Start the sight in process at 25 yards. Shoot a three-shot group from a solid rest using the same aim point. A grid-style target will make calibrating the adjustment very simple, and once you are on the centre, move the target back to 100 yards and repeat the process.

MAINTENANCE

Your Scorpion Riflescope requires no routine maintenance other than wiping the exterior down with a soft cloth. The rifle scope does

not require any lubrication when cleaning the objective and ocular lens. Be sure to remove any grit or debris with a lens pen or by blowing air on the lens, then wipe with a lens cloth.

WARNING

A coarse cloth or aggressive rubbing can remove the coatings from the lens.

STORAGE

Your Scorpion riflescope should always be stored in a dry, cool place out of direct sunlight or fluorescent lighting.

WARNING

Always store your rifle securely out of the reach of children and other unauthorized persons.

TROUBLESHOOTING

The scope runs out of adjustment.

- In almost all cases that a scope runs out of adjustment, it is because the scope is out of alignment with the barrel.
- Check the rings for tightness and alignment.
- Check the bases to see if they are aligned with the barrel as they might be off centre or loose.

The rifle will not group.

- Check rings and bases for alignment and make sure they are secure.
- Not all rifles and bullets are compatible, try different ammo.
- Make sure the barrel is clean without copper and carbon fouling.
- Use rest and proper shooting form.
- Check to see if the stock is secure to the action.

The scope does not move 1/4 inch per click.

- 1/4 inch per click only works at 100 yards.
- 25 yards 1 click = 1/16 inch
- 50 yards 1 click = 1/8 inch
- 200 yards 1 click = 1/2 inch