SPINA

RIFLESCOPE

PRODUCT MANUAL

NOVAFORCE SERIES

PLEASE READ THE ENTIRE MANUAL

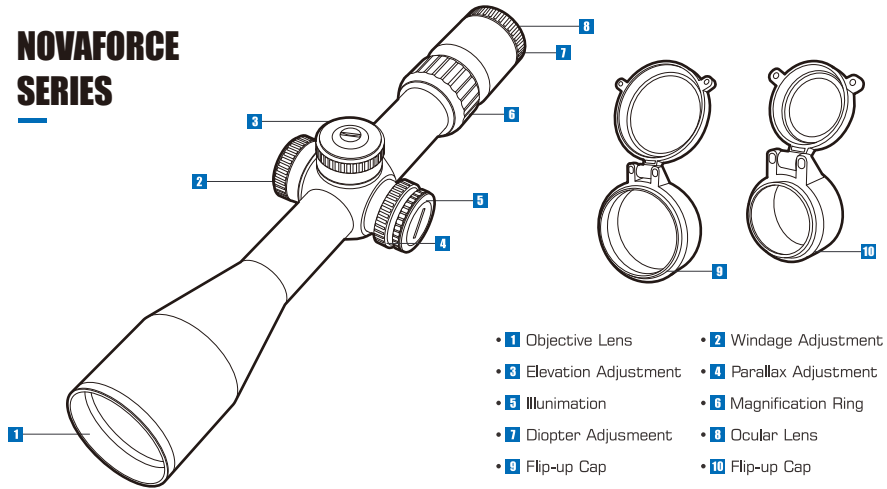
FAILURE TO FOLLOW THESE INSTRUCTIONS AND PROCEDURES MAY RESULT IN INJURY OR DEATH.

Always follow firearm safety rules as outlined by the firearms manufacturer.
Keep this and all firearm related products locked and secured
from children or other unauthorized users.

CONTENTS

NovaForce Series 3
Product Parameters 3
Product Reticle 4
Mounting Your Scope 5
Focusing Your Scope 6
Windage And Elevation Adjustment Turrets 7
Zeroing Your Scope 8
Battery 9
Care And Maintenance 10

NOVAFORCE SERIES

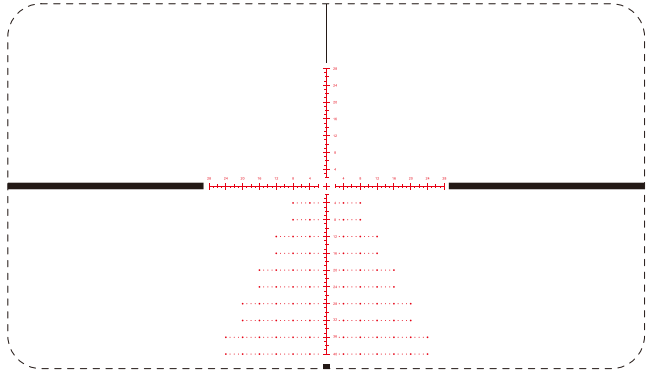


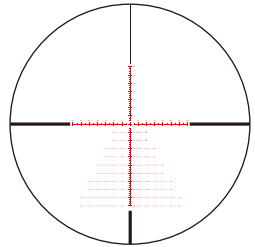
- 1 Objective Lens
- 2 Windage Adjustment
- 3 Elevation Adjustment
- 4 Parallax Adjustment
- 5 Illunimation
- 6 Magnification Ring
- 7 Diopter Adjusmeent
- 8 Ocular Lens
- 9 Flip-up Cap
- 10 Flip-up Cap

PRODUCT PARAMETERS

Magnification	Objective Lens Diameter	Eyepiece Diameter
5X-25X	56mm	40.2mm
Lens Coating	**Pipe Diameter**	**Parallax Adjustment Range**
Both Ends Green	34mm	15 yards - infinity
Click Value/adjustment Mode	**Type Of Differentiation**	**Exit Pupil Distance**
1/4MOA	Divider	90mm-110mm
Exit Pupil Diameter	**Field Angle Value**	**Eyepiece Tube Diameter**
Φ2.2-Φ8.6	0°50′~4°22′	45mm
Fast-adjustable Eyepiece	**Battery**	**Appearance Color**
′-2.8dpr~+2.5dpr	CR2032	Plow Black

PRODUCT RETICLE





MOUNTING YOUR SCOPE

Caution: Be sure that your firearm is unloaded and pointed in a safe direction. Practice safe firearms handling procedures at all times.
note: if you are unfamiliar with the process of scope mounting it may be necessary to employ the service ofi qualified gunsmith.
The scopes do not include scope rings. You will have to purchase 30mm scope rings or 30mm scope mount to mount the scope to your firearm.

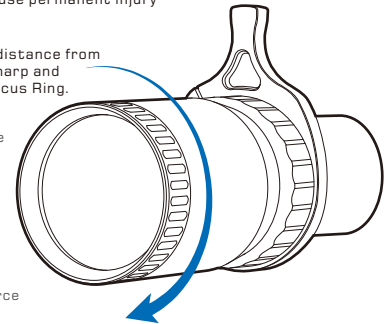
It is best that you first loosen all the upper scope ring screws to help with mounting the scope onto your optics rail on your firearm. This will allow you to space out the rings properly, for the ring mounting bolts to match up with the cross slots of the optics rail. Once you have the scope rings mounted onto your optics rail, you will next have to move the scope forwards or rearwards to adjust the scopes position to allow for maximum eye relief and reticle leveling. Slide the scope as far forward as possible in the rings. While viewing through the scope in a normal shooting position move the scope back towards your eye until a full field of view is achieved while ensuring that the scope will be a safe distance from your eye when the firearm recoils.

Without disturbing the eye relief setting, saim the reticle at a plumb line. Align the vertical cross hair of the reticle with the plumb line by rotating the scope within the rings. Once you are satisfied with your scopes settings and placement tighten the rings screws evenly to approximately 10 to 15 inch lbs. of torque (not foot lbs.) with an inch pound torque wrench/screw driver. Be sure not to over tighten the rings, as doing so can cause permanent damage to the scope.

FOCUSING YOUR SCOPE

Caution: Viewing the sun with this scope or any other optical device can cause permanent injury to the eye including blindness.

This scope has a quick focus ring feature. Holding the scope at the proper distance from your eye, in order to achieve a Full Field of View the reticle should appear sharp and clear. If not, it will be necessary to adjust the focus by turning the Quick Focus Ring.

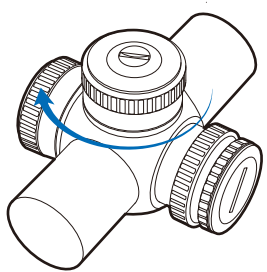


1. Make quick glances through the eyepiece at a featureless bright surface such as a white wall, or the open sky.

2. Turning the Quick Focus Ring Counter-Clockwise will extend the Ocular Lens outward, generally suitable for those who are far sighted Turning the Quick Focus Ring Clockwise will draw the Ocular Lens inward, generally suitable for those who are near sighted.

3. Fine tune your adjustments until the reticle appears sharp and clear If the Ocular Lens reaches its outer limits of adjustment be sure not to force it as doing so will cause damage to the eyepiece.

WINDAGE AND ELEVATION ADJUSTMENT TURRETS



Your scope is equipped with Elevation and Windage Adjustment Turret which change your scopes point of aim relative to the bullet point of impact on at target for a specific range. The Elevation Adjustment Turret is located on top of the Turret Body, and is responsible for the Up and Down movement of the reticle.

The Windage Adjustment Turret is located on the right side ofthe Turret Body. and is responsible for the Left and Right movement of the of the reticle. To access the Adjustment Turret simply twist the protective Turret Caps off Counter-Clockwise.

On the top of each Adjustment Turret you will notice that there are arrows indicating direction of movement.

Turning the Elevation Adjustment Turret Counter-Clockwise will move the reticle Down in the scope shifting the bullet point of impact Up.

Turning Elevation Adjustment Turret Clockwisewill move the reticle in th scope Up, shifting the bullet point of impact Down

Turning the Windage Adjustment Turret Counter-Clockwise will move the reticle Left in the scope, shifting the bullet point of impact Right.

Turning Windage Adjustment Turret Clockwise will move the reticle in the scope Right, shifting the bullet point of impact Left.

The Elevation and Windage Adjustment Turret also feature audible and tactile clicks which you can hear or feel the adjustments. Each click moves the reticle point of aim ½ MOA* at 100 Yards. The chart below represents the amount of movement of each click at various distances.

ZEROING YOUR SCOPE

After you have completed the installation of your scope it will be necessary to adjust the scopes point of aim to match the bullet's point of impact on a target. This can be accomplished using several methods we recommend the use of a Bore Sighting device to save time and ammunition. Using a Bore Sighting device will ensure that your shots land "on paper". Follow the Manufacturer's Instructions for the Bore Sighting device that you choose in order to achieve the best results.

You are now ready to finalize your Zero.

Caution: always be sure to remove the bore sighting device before shooting live ammunition. failure to do so can cause damage to your firearm or injury to yourself and those around you.

Caution: when operating any type of firearm always use proper eye and ear protection. be sure to use your firearm in an area that is permissible under local, state, and federal law.

Bore Sighting alone is not sufficient enough to ensure an accurate Zero. You must shoot your firearm at the range in order to confirm an accurate Zero. Follow these steps to fine tune your scope adjustments:

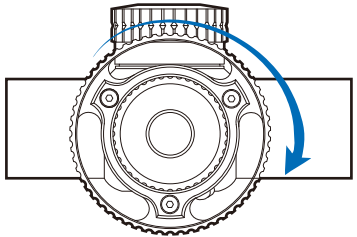
1. Secure your firearm using a steady platform such as a bench rest or sand bags.

2. Fire 3 to 5 carefully aimed shots at a target that is set to your desired Zeroing distance. (starting at 50 or 100 yards is recommended)

3. Observe where the bullets have struck the target and make adjustments to the Elevation and Windage settings as necessary until your point of aim matches your point of impact.

4. Continue with this process until you have achieved your desired level of accuracy.

ADJUSTABLE PARALLAX KNOB



The adjustable Parallax Knob on the model will fine tune the parallax alignment of the reticle to the target image inside the scope.

If you do not have the parallax adjust properly, the reticle will seem to float/move in relations to the target image, if you had the scope perfectly still and were to move your head around the ocular lens.

Have the scope on a stable setup/platform, while viewing your target through the scope.

If you were to move your head around the ocular lens while viewing through the scope adjust the Parallax Knob in either direction until the reticle stays perfectly still on your target image inside the scope. With the reticle properly adjusted the reticle should remain perfectly still on your target image (as if the reticle was painted onto the target).

Adjusting the parallax so that the reticle is stationary against the target image will help the shooter make a more precise and accurate shot at longer distances and help with shooting a more consistent and tighter shot groupings.

CARE AND MAINTENANCE

Your SPINA series scope is shock, fog and water proof. However, you should never try to take it apart or clean it internally. The exposed optical lens surfaces will perform their best if they are routinely cleaned with a lens brush or a lens cloth.

For a deep cleaning, you can also use high grade camera lens paper and camera lens cleaning solutions. Never use any other type of materials or solvents other than those designed specifically for optical lenses to avoid damaging your scope. Clean the outer portion of the lens cavity first with cotton swabs, clearing as much debris and dust as possible Then, gently clean the lenses using a circular motion starting in the center and ending at the edges.

Do not rub the lenses continually simply wipe in short circular patterns. Maintain the exterior surfaces of the scope by removing dirt or sand by using a soft brush or a soft, dry cloth. It is not necessary to lubricate any part of the scope as all of the moving parts, such as the turrets and the quick focus eye, are permanently lubricated.