



## Congratulations on your new Nikko Stirling Diamond Long Range scope!

The Diamond LR scope offers accurate ballistic drop compensation turrets including **RTZ® (Return to Zero)**.

The **RTZ® (Return to Zero)** elevation turret allows you to find your closest zeroed in shooting distance just by this stop.

The elevation and windage is based on ¼ inch at 100yds click increments.

### Please note:

This equals very accurate to ¼ MOA or 7mm at 100m.

The scope is supplied with 2 Ballistic Drop Turrets:



1. Assembled Ballistic Drop Turret with ¼ inch indications. (equals app. ¼ MOA or app. 7mm@100m) Full numbers indicate 1" at 100yds
2. Extra blank Ballistic Drop Turret for your customized markings of your required distances. Increments are ¼ inch at 100yds

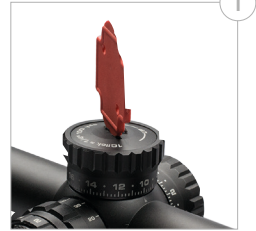
### To assure precise function:

Please take care for proper mounting and follow up. Use a high quality mount, avoid tilted positioning and adjust eye relief accordingly to guarantee best performance. Do not over tighten the mount to avoid damage on scope. For further mounting instructions please check the general Nikko Stirling manual.

## How to zero in a Ballistic Drop Compensation Turret with RTZ® (Return to Zero)

Nikko Stirling recommends to use a professional shooting range.

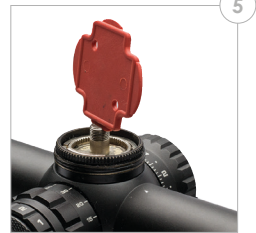
1. To use the **RTZ® (Return to Zero)** unscrew the top of the elevation turret with the supplied red plastic tool or similar to avoid scratches and remove it.
2. Pull off the elevation turret gently
3. Store it on a safe place together with the top part of the elevation turret for reassembling.
4. Zero in your scope to the closest distance of your choice (eg. 100yds) by using the center of the reticle.
5. Use the slot on top of the spindle to turn the elevation in the required direction (up/down) to zero in your closest required distance (eg. 100 yds).



Use the red plastic tool or a coin.

Increments: ¼ Inch at 100 yds  
(app. ¼ MOA; app. 7mm at 100m)

6. Adjust windage accordingly. Pull to unlock and push down to lock setting.



### IMPORTANT

After zero in the closest distance (eg. 100yds) put the elevation turret gently back again.

Take care to match the zero on the elevation turret with the arrow mark. Close the top of the elevation turret using the red plastic tool to avoid scratches.

Now your **RTZ® (Return to Zero)** is set on the closest distance you zeroed in (eg. 100 yds).



## Zero in the Ballistic Drop Compensation Turret with the ¼ inch marks:

1. Zero in the distances that you require by adjusting the elevation turret.
2. As a reference use the arrow mark on the main tube.
3. Write down or remember the different settings for each distance.

## Zero in the blank Ballistic Drop Compensation turret with customized marks:

1. Zero in the distances you require by adjusting the elevation turret.
2. Mark the turret by yourself accordingly.  
(eg. 200 yds, 300 yds, 350yds, 400 yds...)
3. As reference use the arrow mark on the main tube.

## How to use the Diamond LR scope in the field?

Nikko Stirling recommends to test several distances on a proper shooting range to verify the correct point of impact before hunting.

Use a laser range finder to measure the distance to the target. A precise measurement is important to ensure the proper shooting results.

## Using the Ballistic Drop Compensation Turrets:

Pull elevation turret and adjust to required drop marking.

Now you are dead on.

Use the center cross of the reticle and fire. If you want to lock the setting push down the elevation turret.

Good sports!

For video instructions please visit [www.nikkostirling.com](http://www.nikkostirling.com)

## Please note:

Parameters like barrel length, humidity, altitude, heights of mount, bullet weight, velocity, temperature etc. can lead to different point of impacts.



## Diamond Long Range User Manual

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4-16x50 | 6-24x50

Ballistic Drop Turrets  
RTZ® (Return to Zero)