MTC Genesis

User Manual

E.mail support@mtcoptics.com website: www.mtcoptics.com Telephone: 01380 859572

Forward

Thank you for buying this Genesis Riflescope.

. The Genesis range of riflescopes is manufactured with the following features:

- ✓ Fully edge to edge multi-coated lenses
- ✓ Fully waterproof, fog-proof , shockproof and nitrogen purged
- ✓ True 5-20 x variable magnification.
- ✓ 30mm tube
- ✓ Glass etched reticule
- ✓ Side parallax adjustable
- ✓ Illuminated reticule
- ✓ 10 yard minimum focus

Our range of Genesis scopes are manufactured in Korea to exacting quality standards, bringing you Japanese quality levels at Chinese prices. The Genesis has been manufactured to our own specification, and is designed to be the ultimate varmint / long range deer scope.

Care and Maintenance.

The Genesis is a precision optical instrument, and while designed to cope with the rigours of shooting on any calibre rifle, normal care must be taken, particularly of the optical surfaces

Clean the outer casing with a damp and soft cloth, then dry. Close the lens protective cover at all times when the scope is not in use to protect the lenses.

First lens cleaning should always be with an optical puffer followed by a clean soft brush. When necessary clean the lenses ONLY with a lens cleaning cloth and lens cleaning fluid suitable for photographic equipment. If you clean the lenses with an abrasive cloth such as a tissue, or have any dirt in the cloth, then your scope could well be damaged beyond repair. Store the scope in dry, well-ventilated place.

If you have any questions or problems, please feel free to contact us via:

E-mail: support@mtcoptics.com
Telephone 01380 859572
Or via our website: www.mtcoptics.com

Guarantee Registration

Please note : This scope has a standard guarantee for 1 year from date of purchase. However this is increased to 10 years to the original purchaser subject to it being registered with MTC Optics within 30 days of original purchase, either by posting the information listed below to MTC optics, by e-mail or via the website www.mtcoptics.com. (A copy of the original receipt to be sent along with the registration form.)

Date of Purchase:

Receipt with Dealer Stamp/Details:

Customer Name:

Customer Address:

Scope type and size

Scope serial number

www.mtcoptics.com
Email: support@mtcoptics.com
Telephone: 01380 859572

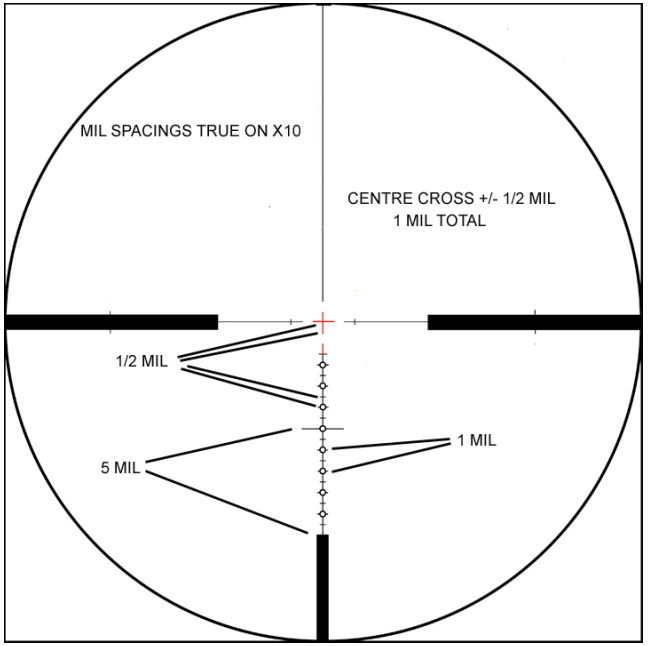
6. Zeroing your rifle

Remove the turret covers and store in a safe place. Place a suitable target at 15 yards (50 yards if you have a good boresighter), ensuring a suitable backstop. Ensure the rifle is held steadily and take 1 shot. Observe the bullet strike. Use the Elevation Turret to move the point of impact UP (anti-clockwise) or DOWN (clockwise). When point of impact is in the centre of the target this can then be repeated at progressively further ranges until the chosen zero range is reached.
When the rifle is almost zeroed start to fire groups of 5 shots before making small adjustments. Remember that wind will affect the bullet flight so zeroing should be carried out in calm conditions. When you are happy that your rifle is zeroed correctly re-fit the turret covers.

7. Accessories

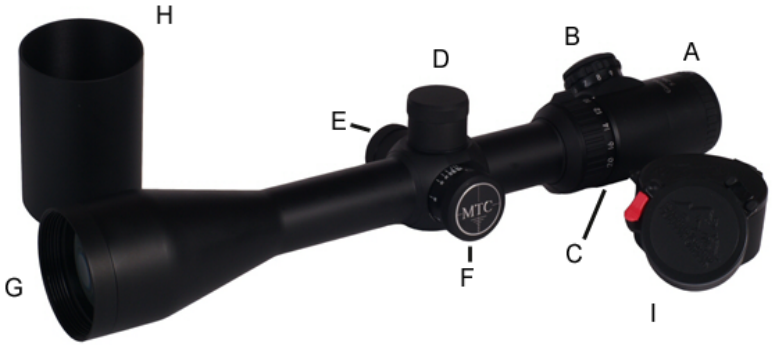
The scope is supplied with free Butler creek flip ups and a sunshade. The front flip up is operated by a simple thumbnail flip, but the rear is activated via the red lever on a spring. These are a tight fit and if removed should be eased off using a fingernail on opposite sides, hard tools must NOT be used. To fit the sunshade the front flip up must be removed, and the sunshade screwed in. One end of the sunshade is a male fitting, the other female, allowing for cascading sunshades if required

8. AMD Reticule



Before starting

Please familiarise yourself with the layout of the scope, and terminology used in this description. Please see Fig1



A: Eyepiece	B: Illumination ring	C: Magnification ring
D. Elevation turret	E. Windage turret	F. Parallax wheel
G. Objective lens	H. Sunshade	I. Flip ups (front not shown)

Fig 1 : Controls and adjustments

WARNING

NEVER LOOK DIRECTLY AT THE SUN OR ANY BRIGHT LIGHT ESPECIALLY THROUGH A SCOPE. PERMANENT EYE INJURY OR EVEN BLINDNESS CAN RESULT

OPERATION OF THE SCOPE

1. Mounting the scope:

The scope must be mounted using good quality 30mm diameter rings. **These rings should not be over-tightened or damage may result.** When selecting rings, please ensure that they are high enough to allow the scope objective lens to clear the rifle, but not so high as to raise the eyepiece so making sighting difficult. Please do not use poor quality mounts as they will cause misalignment and inaccuracy, MTC recommend Sportsmatch mounts. We advise scope mounting using the following steps:

1.1 Attach the mounts to the rifle action where you estimate the optimum placement. Fasten securely.
1.2 Split the mounts and place the scope on the lower half, attach the top half securely but with enough slack to allow the scope to slide with gentle pressure
1.3 Move the scope backward and forwards to see a clear sight picture, with no black circle around the outside
1.4 Rotate the scope until the reticule is vertical, use a vertical edge or plumb line to assist you. This is a dark art, and requires experience. We recommend that if necessary you get a second opinion off an experienced shooter. If your scope is oriented incorrectly you will shoot sideways when not on the point of zero
1.5 Tighten the scope. Do this holding the SMALL edge of the Allen key, if you hold the large side you will over-torque the bolts and your scope will be dead. The mounts should show a crack between top and bottom equal on both side.
1.6 When you are happy that the scope is mounted perfectly tighten each allen bolt 1/8th of a turn using the long edge.

If you unsure call our tech support number up to 9pm 7 days a week.
Better safe than sorry!

2. Diopter adjustment:

This obtains the sharpest Reticule image, and MUST be carried out first. This adjustment only needs to be carried out once and is unique to each user's eye. Rotate fast focus ring to get the sharpest possible reticule. Hint: Don't look at the Reticule for more than a few seconds at a time as your eye will compensate for less than perfect sharpness. Look away and look back again. Repeat until as sharp as possible.

1. Focusing / Parallax adjustment

The range for which the picture is in focus is called depth of field. This decreases with magnification but increases with range. The centre of this focus is called the parallax setting. For example, on x10 with a parallax setting of 26 metres the scope will be in focus from about 14m to 35m, a depth of field of 21m. Focus the sight on the target using the side focusing ring / Parallax wheel. This is also called parallax adjustment. Never try to zero without a perfectly clear picture as aiming errors will occur due to parallax error.

2. Windage & elevation turret operation

Access to the adjustment is gained by removing the covering caps. The adjusters are finger adjustable. The bullet strike is marked with up/ down (top turret) and left/right (side turret), i.e. if you want the bullet to go higher, turn anti-clockwise in the direction marked "up"

5. Illumination

The illuminated reticule is turned on using the know on top of the eyebell (B), the light intensity is set using the rotating knob on the top. Battery fitting (CR2032) is accomplished by removing the coin slot cover on top of the illumination housing. Tip – source of cheap batteries www.7dayshop.com.

Important: At night your pupils are open and it is not recommended to use the IR on high settings, these are for daylight shooting in shadow. As the light falls you should turn down the illumination, use the minimum necessary.