



User Manual

MTC *Cobra*



## Forward

Thank you for buying this Cobra Scope.

. The Cobra range of scopes are manufactured with the following features:

- ✓ Coated lenses
- ✓ Fully waterproof, fog-proof and shockproof (warranted for any calibre)
- ✓ Adjustable objective
- ✓ 25mm tube

Our scopes have been manufactured by a company who have been making glass for many of our prestige Japanese branded scope manufacturers for years. We think you will be impressed.

Sammie and Gary Cooper of MTC Optics have between them, been hunting for 45 years. Gary writes for Airgun World and Realtree and won the UKAHFT open series in 2004 and was runner up in 2005, Sammie was ladies series winner in 2004 and runner up in 2005.

Your scope is guaranteed free of all defects for 3 years from date of purchase, and this warranty is transferable as long as we are informed at time of re-sale.

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

mtcoptics@dsl.pipex.com

Telephone 08450 941542 (local call)

Fax 01666 825504

Or via our website [www.mtcoptics.co.uk](http://www.mtcoptics.co.uk)

## Guarantee Registration

Date of Sale

Dealer Stamp

Dealer Signature

Dealer Print name

## Care and Maintenance.

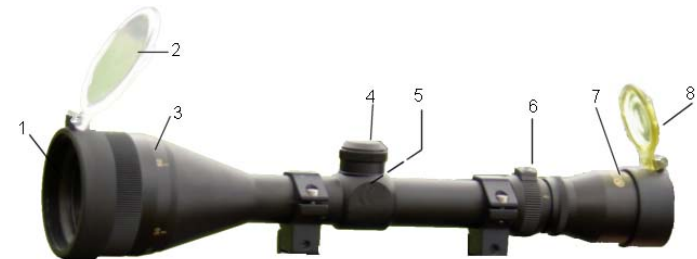
The Cobra is a precision optical instrument and needs to be treated with care.

Clean the casing with a damp and soft cloth, then dry. Close the lens protective covers when the scope is not in use to protect the lens.

When necessary clean the lenses ONLY with a lens cleaning cloth and lens cleaning fluid suitable for photographic equipment. Store the scope in dry, well-ventilated place.

## Before starting

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



1.Objective	2.Front Flip Up	3.Parallax	4. Elevation
5. Windage	6. Magnification	7. Fast Focus	8.Rear Flip up

**Fig 1 : Controls and adjustments**

**CAUTION : NEVER LOOK AT THE SUN OR ANY BRIGHT LIGHT DIRECTLY 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 25mm diameter rings. These rings should not be over-tightened or damage may result. Ensure rings are high enough to allow the scope objective lens to clear the rifle, but not so high as to make sure the eyepiece is too high so making sighting difficult. Please do not use poor quality mounts as they will cause misalignment and inaccuracy. Ensure that the horizontal cross hair is parallel to the action. This is best done by placing a level on the action and sighting the vertical cross hair down a vertical edge / plumb line etc.

### 2. Fast Focus 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. See Fig 3.

### 3. Focusing

Focus the sight on the target using focusing ring (Fig4). This is called parallax adjustment. Never try to zero without a perfectly clear picture as aiming errors will occur due to parallax error.

### 4. Turret Operation

Access to the adjustment is gained by removing the covering caps. The adjusters are finger / coin adjustable. (fig 5 )

### 5. Zeroing your rifle

Remove the turret covers and store in a safe place. Place a suitable target at 15 yards, 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 the 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 you are happy that your rifle is zeroed correctly re-fit the turret covers.

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.



Fig 3 : Parallax Adjustment



Fig 4 : Fast focus under Rear flip up



Fig 5 : Elevation Adjustment under cap

