



EYEPiece FOCUSING

The eyepiece is designed to provide a precise fast focus at certain eye relief. The eyepiece will focus faster than your eye can compensate for any inaccuracy in your adjustment.

SEALED, WATERPROOF AND FOGPROOF

The scope is nitrogen-purged to remove any vestige of internal moisture, also has an O-ring to prevent the entry of dust or moisture.

MOUNTING

The scope is installed on the base by means of a pair of scope mount. The scope shall be mounted without touching the base. For safety reasons, allow at least 3 inches of clearance between the scope and your eyes when shooting. Slide scope forward or backward to acquire the proper eye relief that allows you to see the full of view. Rotate the scope in the rings that the vertical crosshair is vertical and the horizontal crosshair is horizontal. Thentighten all screws to fix the scope firmly. Don't exceed 18 inches/pounds of torque on the ring's screws

ZERO-RESET

Cap cover turrets are precise and easy to use even when wearing gloves. Take off the cap cover and rotate the turret to the calibration position.

Windage is the horizontal (left-and-right) adjustment, usually on the right of the scope. The elevation is the vertical (up-and-down) adjustment, usually on the top of the scope. The scope features 1/4 MOA windage and elevation adjustment with audible clicks, meaning that 1 click moves the point of impact 1 centimeter at 100 meters. Zero-reset is to return the turrets to their original zero point after calibrating well. This is achieved by simply loosening a screw or other mechanism on the turret, which allows the user to rotate the turret back to its original position.



Zero-reset steps are as followed:

1. Take off the cap cover and loosen the center screw with the plastic card or coin and take it off.
2. Pull out the turret cap.
3. Align the mark '0' on the turret cap with the click marker on the scope
4. Tighten the center screw with the wrench, install cap cover and then done.

VARIABLE MAGNIFICATION ADJUSTMENTS

To change magnification, simply rotate the power ring to achieve the designed power with an index dot. Generally speaking, the lowest power to have the widest field of view for quick shots at close range. Higher power should be reserved for precise long range shots.

WARRANTY

We build optics based on our commitment to your absolute satisfaction, with one year warranty. Assured that in the event your scope was damaged or defective in workmanship and materials, we will repair or replace it at no charge under the terms of this warranty. Whether you made your purchase online, or in a store, you may contact salesman to find a solution.

Note: This Warranty does not cover product loss, theft, deliberate damage abuse, misapplication, modification, or cosmetic damage that does not hinder the performance of the product.



**NEVER LOOK AT THE SUN THROUGH THE
SCOPE (OR ANY OTHER OPTICAL INSTRUMENT). IT
MAY PERMANENTLY DAMAGE YOUR EYES.**



PRODUCT INSTRUCTIONS

HY1629 4-16X44

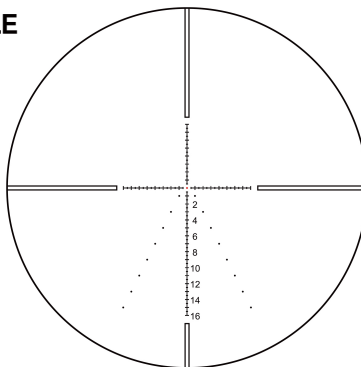
<https://marcooloptycs.com>

STRUCTURE



Reference Picture: HY1629 4-16X44

RETICLE



SPECIFICATIONS

Series Name	ASSAILANT
Magnification	4-16x
Reticle Plane	First Focal Plane
Tube Size	30mm
Objective Lens Dia.	44mm
Exit Pupil	11-2.75mm
Eye Relief	96mm
FOV feet@100yards	72.4-18.1"
Click Value	1/10 MIL
E/W Travel Range	50MOA/50MOA
Parallax correction	15yds-∞
Shockproof Test Standard	Yes
Waterproof	Yes
Fog proof	Yes
Lens Coating	FMC
Lenght	315mm/12.4in
Net Weight	550g/19.4oz

SEALED, WATERPROOF AND FOGPROOF

The scope is nitrogen-purged to remove any vestige of internal moisture, also has an O-ring to prevent the entry of dust or moisture.

MAINTENANCE

Your scope, though amazingly tough, is a precision instrument that deserves reasonable cautious care.

- When cleaning the lens, first blow away any dirt and dust, or use a soft lens brush. Fingerprints and lubricants can be wiped off with lens tissue, or soft clean cotton cloth, moistened with lens cleaning fluid.
- All moving parts of the scope are permanently lubricated. Do not try to lubricate them.
- No maintenance is needed on the scope's outer surface, except to occasionally wipe off dirt or fingerprints with a soft cloth.
- Use lens covers whenever convenient.

STORAGE

Avoid storing the scope in hot places, such as the passenger compartments of vehicles on hot days. The high temperatures could adversely affect the lubricants and sealants. A vehicle's trunk, a cabinet, or a closet is preferable. Never leave the red dot scope where direct sunlight can enter either the objective lens.

Damage may result from the concentration (burning glass effect) of then sun's rays.