

# G1 Riflescope

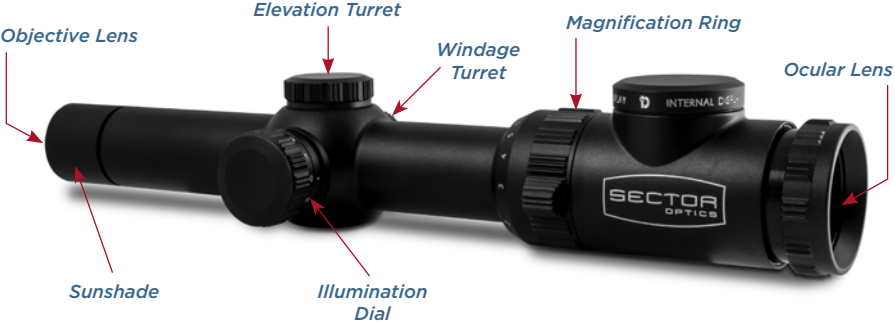
## User's Manual



## SPECIFICATIONS

<b>Magnification</b>	1-8x
<b>Objective Lens Diameter</b>	24 mm
<b>Exit Pupil</b>	24-3 mm
<b>Eye Relief</b>	3.5 in / 89 mm
<b>Diopter Adjustment</b>	±4
<b>Field-of-View</b>	116.6-14.4 ft / 100 yds
<b>Field-of-View</b>	38.6-4.7 m / 100 m
<b>Tube Diameter</b>	30 mm
<b>Turret Style</b>	Capped, Finger Adjusted
<b>Click Value</b>	1/2 MOA
<b>Elevation Adjust. Range</b>	45 MOA
<b>Windage Adjust. Range</b>	45 MOA
<b>Parallax Setting</b>	100 yds
<b>Length</b>	10 in / 254 mm
<b>Weight with Mount</b>	23 oz / 652 g
<b>Picatinny Mount Height</b>	1.5 in / 38.1 mm
<b>Illuminated Reticle Battery</b>	CR2032
<b>Internal Display</b>	Monochrome Yellow OLED
<b>Display Interface</b>	Special USB
<b>Environmental</b>	IP67

# G1 RIFLESCOPE



The G1 riflescopes feature an integrated Internal Display.™ The Internal Display™ (ID) will display sensor information from ID-compatible devices that are connected to the G1 through its proprietary USB-C cable (which is not compatible with standard USB-C cable).

To connect an ID-compatible device, remove the protective cover to expose the USB port on the G1.

## **OCULAR FOCUS—RETICLE FOCUS ADJUSTMENT**

The G1 uses a fast focus eyepiece designed to quickly and easily adjust the focus on the riflescope's reticle. To adjust the reticle focus:

1. Look through the riflescope at a blank white wall or up at the sky.
2. Turn focus knob fully outward (counterclockwise).
3. Slowly turn the eyepiece focus knob inward until the reticle image is the most crisp.



*Only use Sector Optics USB cables for connecting to Sector Optics products with ID.*



**TIP:** Make this adjustment by taking short, quick glances through the scope as your eye will try to compensate for an out-of-focus reticle.

**WARNING:** Looking directly at the sun through a riflescope, or any optical instrument, can cause severe and permanent damage to your eyesight.

## **MAGNIFICATION**

The magnification adjustment is used to change the riflescope's magnification or "power," adjusting from low to high depending on the shooter's preference. The G1 features a Second Focal Plane reticle which maintains the same appearance regardless of magnification. Rotate the magnification ring to the desired magnification.



## TURRETS

Turrets are used to adjust the bullet's point-of-impact. There are two turrets on the G1. The turret on the top of the riflescope is the Elevation turret and is used to adjust the point-of-impact up and down. The turret on the right-hand side of the riflescope is the Windage turret and is used to adjust the point-of-impact left and right. The G1 incorporates precision, finger adjustable Elevation and Windage turrets with audible and tactile clicks.



### Turret Adjustments

Your riflescope features adjustable elevation and windage turret dials with audible and tactile clicks. Each click moves the bullet's point of impact 1/2 MOA.

#### To make turret adjustments:

1. Remove the turret caps.
2. Following the directional arrows, turn the dials to adjust the bullet's impact on the target. "UP" indicates bullet impact up.
3. When finished adjusting, slip the numbered scale by pushing at the gap, to align the zero and index mark.
4. Replace the caps.

## SIDE ILLUMINATION CONTROL

Your riflescope uses a variable intensity reticle illumination system to aid in low-light performance. A rotary dial is mounted on the left-hand side of the riflescope for easy access. To activate/adjust the illumination, rotate the adjustment dial in either direction. The illumination dial allows for 11 levels of illumination intensity.



## BATTERY INSTALLATION/REPLACEMENT

### Replacing the Battery:

1. Unscrew the outer cap
2. Replace with a new CR2032 battery with the positive terminal facing out.
3. Reinstall cap



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