OMEGA

Open Reflex Sight User Manual
OM10RD- Red Circle Dot Illumination
OM10GN- Green Circle Dot Illumination
OM50RD- Red 3 MOA Dot Illumination
OM50GN-Green 3 MOA Dot Illumination

Thanks for choosing Gideon Optics. This short manual will help you understand the features of your new optic, how to mount it, how to change the battery, and how to use it.

Battery Warning

Reese's Law, 16 CFR 1263

• Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children.
Do NOT dispose of batteries in household trash or incinerate.

• Even used batteries may cause severe injury or death.

• Call a local poison control center for treatment information.

• Battery Type: CR1632

• Nominal battery voltage: 3V

• Non-rechargeable batteries are not to be recharged.

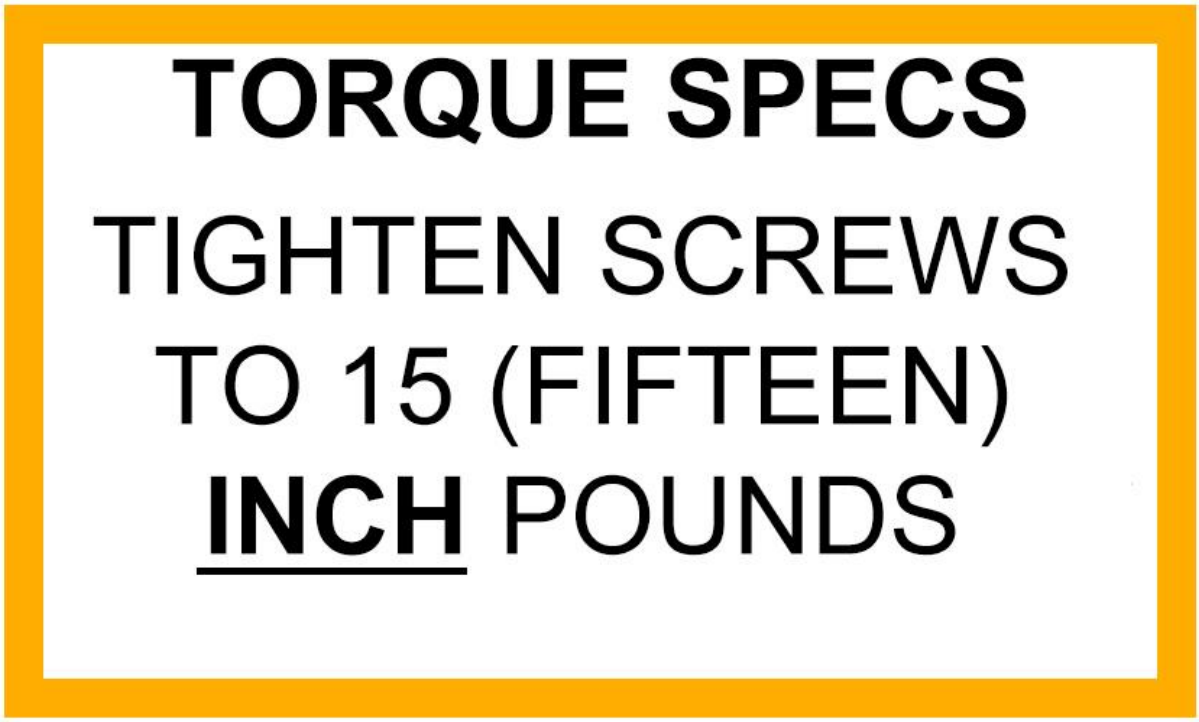
• Do not force discharge, recharge, disassemble, heat above the manufacturer's specified temperature rating, or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

• Ensure the batteries are installed correctly according to polarity (+ and -).

• Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

• Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time, according to local regulations.

• Always completely secure the battery compartment.
If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



WARNINGS:

1. DO NOT observe the sun directly while looking through the optic. The lens coatings are not dark enough to prevent damage to your eyes if you look directly at the sun.
2. Never put this product in a place close to a heat source or a place of high temperature for an extended period of time, like an oven. If you want to change colors, please use the air-dry variants of Duracoat / Cerakote or simple spray paint.
3. Never leave the optic, mounts, batteries or screws in reach of children or pets, to avoid the potential danger of swallowing.

Specifications

Magnification: 1x
Lens Dimensions: 22.3mm tall x 27mm wide
Elevation/Windage adjustment range: 45 MOA (Total 90 MOA)
Click Value: 1 MOA per click
Dot Reticle: 3 MOA Dot
Circle Dot Reticle: 3 MOA Dot + 45 MOA Circle
Parallax Free: Beyond 33 yards
Red Dot Brightness Setting: 10 levels
Power Supply: 1x CR1632 3V Lithium battery
Auto Wake/Sleep: 225 Seconds after no movement
Shockproof & Waterproof
Dimensions: (LxWxH) 52.5mm x 30.7mm x 31.7mm
Deck Height: 10.15mm
Weight (with battery installed): 1.6 oz (approx.)

How to Install/Change the CR1632 Battery
Omega features a top-opening battery compartment so the removal of the optic from its mount is not necessary. Using the tool provided or a T10 star wrench, remove the battery compartment cap by turning in counter-clockwise direction. Remove the old CR1632 battery and replace with a new 3V CR1632. The “+” side should face upwards. Replace the battery compartment cap by turning it clockwise. Be careful not to cross-thread to avoid damage to the threads. To avoid stripping out the battery compartment cap, do not over torque it. There is no torque spec on the battery cap, just stop turning when it no longer turns easily.

Power On
Press the triangle-shaped UP button (on the left side of the lens) to turn on the sight.

Motion Activation
Omega features an automatic timeout and motion sensitive “shake to awake” feature. If the optic is not bumped or moved for 225 seconds, the dot will turn off and the optic will enter a low power state, extending battery life. When the optic is bumped or moved, the dot will immediately power on and return to the previously selected brightness level.

Power Off
Omega can be completely powered off by holding the triangle-shaped DOWN button (on the left side of the lens) for three seconds.
NOTE: This is a complete power off that disables the motion-sensitive “wake” function. This is recommended for long term storage, or travel when the optic will not be used.

Brightness Adjustment
Omega is equipped with 10 brightness settings. Use the UP and DOWN buttons to quickly toggle through the different brightness levels. Always select the lowest brightness setting that still provides good contrast against the target. The higher brightness settings should only be used in bright daylight (otherwise, the reticle will bloom and possibly distort). The sight will return to the previously selected brightness level when powered off and back on.

Brightness Level Lock Out
Omega includes a brightness “lock-out” mode to help prevent inadvertent brightness changes or powering off during carry. To lock your brightness buttons, hold down the UP button for three seconds until you see the reticle blink once. Motion Activation is still functional while brightness is locked. To deactivate the lock, hold down the UP button again for three seconds until you see the reticle blink twice. Now you can cycle brightness levels up and down again.

Mounting the Sight
If you aren't confident with your abilities, if you don't own an inch pound torque wrench, or if you are unsure about mounting procedure, a local gunsmith won't charge you much to get it right the first time. Omega utilizes the same industry standard mounting footprint as Trijicon® RMR® and compatible mounting adapters (featuring two recoil posts). Omega is not compatible with other optic footprints. To mount Omega on the slide of an optics-ready RMR footprint handgun, loosen the two mounting screws in the center of the optic to remove it from the pre-installed 1913 Picatinny rail mount. Then install Omega straight onto the optic footprint and torque the screws down to just fifteen inch pounds. Optionally applying a small amount of blue threadlocker directly to the screw threads can help prevent the screws from loosening up due to the vibrations of firing. For optics-ready handguns, the cover plate (on the slide) may need to be replaced with the appropriate RMR footprint mounting plate (refer to your handgun operation manual for more details).

Parallax
This sight has been carefully designed to be parallax free at 33 yards. At distances closer than 33 yards, parallax shift should be so minor that it is irrelevant. At distances significantly greater than 33 yards, some parallax may be observed. To reduce the possibility of a point of impact (POI) shift caused by parallax for precision shooting at longer distances, the reticle should be kept in the middle 2/3 of the field of view when aiming.

Reticle, Elevation/Windage Adjustment
Omegas with SKUs OM10RD and OM10GRN use a 3 MOA dot reticle surrounded by a 45 MOA circle. Omegas with SKUs OM50RD and OM50GN use a 3 MOA dot reticle. The elevation and windage dials of this sight feature audible and tactile clicks. Each click will move the point of impact about 1 Minute of Angle (MOA), approximately 1 inch at 100 yards, or 1/2 inch at 50 yards. For zeroing and precision shooting, always select the lowest brightness setting that still provides good contrast against the target to help the reticle be as crisp and sharp as possible.

Zeroing
Please note that the reticle comes from the factory "centered" in the middle of its adjustment range. Only minor windage and elevation adjustments should be required to zero. If significant adjustments appear necessary, please make sure the sight is properly mounted. This is not a defect of the optic. Adjustable mounting bases (or shims) may be required for certain applications. After properly mounting the optic to the firearm, fire a 3-shot group and observe the point of impact using an average of the group. Initial zeroing at shorter ranges is recommended before fine-tuning the optic for longer ranges. Zeroing at extremely short distances (10 yards or closer) will likely not provide a true zero at longer ranges due to the angle created by the optic's centerline height over bore.

Using a small flathead screwdriver, set the elevation dial (top of optic) and the windage dial (side of optic) to adjust the alignment of the reticle. The rotation directions engraved on the optic refer to point of impact shift, not the position of the dot inside the window. Each hash mark on either of the adjustment dials represents one minute-of-angle (MOA). After making your adjustments, fire another 3-shot group to confirm the change in point of impact. Repeat as necessary.

Maintenance:

CLEANING THE LENS

Blow away any dust or grit on the lens surface before wiping the lenses. Gently wipe the lenses clean with a soft and dry cloth. Glass cleaner is fine to use but keep harsh solvents and other gun cleaning chemicals away from the lens.

STORAGE

If possible, Omega should be stored in a cool and dry place. Remove the battery from the battery compartment if the optic is to be stored for an extended period of time.

NOT USER SERVICABLE

DO NOT attempt to disassemble any components of the Omega reflex sight. There's nothing in there you can fix. Disassembling the optic will void the warranty.

Limited Lifetime Warranty

Your Gideon Optics product is guaranteed for life against manufacturer defects or accidental breakage. If your product fails to function during normal and intended use, Gideon Optics will repair or replace it at our discretion, following evaluation by our service team. Cosmetic damage is not considered a covered "failure"—for example, if your optic is scratched and/or dented and has the finish rubbed off of it but still functions correctly, then it still works. Intentional abuse is likewise not covered—leave the torture tests to the guys on YouTube. Refinishing a Gideon Optic will not void the warranty provided you used an air dry type coating only. Do not put optics in ovens to "cure" a custom finish. In the event that a refinished optic must later be returned, you will receive a standard optic with black finish in exchange.