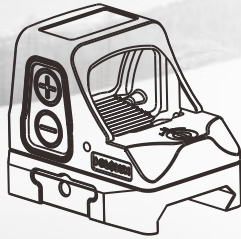


HE508T-GR/RD Reflex Sight User's Manual



www.holosun.com

Red Circle Dot
Green Circle Dot

Thank you for purchasing the HOLOSUN HE508T-GR/RD V2 Open Reflex sight. This open reflex red dot sight is sized for use on either a pistol or rifle. The stream lined design, Shake Awake™ technology and our Solar Fail Safe™ dual power system combine to make it the ideal sight for small arms. Before operation, please read the User's Manual carefully.

Model

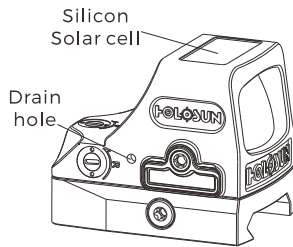


Fig1 HE508T-GR/RD V2 Reflex Sight

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Features

- 1) Automatic reticle intensity adjustment in Auto Mode.
- 2) 32MOA circle and dot, 2MOA dot only and 32MOA circle only.
- 3) Shake Awake™ - Motion on with last setting recall.
- 4) Parallax free, unlimited eye relief.
- 5) Drain holes on both sides of the optic allow for excess water to escape during wet conditions.
- 6) Solid Titanium Body.
- 7) 12 Brightness Settings: 10DL & 2NV.
- 8) Window Size 0.63x0.91 inches.
- 9) Waterproof: IP67.

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Battery

1. Operates with our Solar Fail Safe™ dual power system (solar cell and internal battery). One high quality CR1632 Lithium battery is included with purchase.

2. A high quality battery can power this device for up to 10,000 hours (circle dot), or 50,000 hours (dot-only) at setting 6.
Caution: Do not use a rechargeable battery.

3. Battery Replacement (Fig4):

- a. Remove the battery :
 - i. Remove the battery tray screw.
 - ii. Use the included tool as a lever in the battery tray slots to remove the battery tray and battery.

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HE508T-GR/RD V2

HE508T-GR/RD V2: New small compact is a reflex sight with the option of dot only or dot with circle reticle pattern. Employing new LED technology, the life time for one CR1632 battery can be up to 50,000 hours. The sight may be installed on various firearms such as shotguns, pistols, rifles, air rifles and crossbows.



Important Notices

1. Ensure the firearm is unloaded and safe by removing all ammunition and magazines from firearm and verifying an empty chamber before installation and battery replacement.
2. Please keep the packaging should you need to make a warranty claim.

.1.

Objective Lens

A canted objective lens is part of the design of reflex/reflective optical sights. In order to create a proper reflection of the reticle/dot the

objective lens must be perpendicular to the LED. Because the LED is mounted to the side of the internal tube the objective lens will be canted towards the LED.

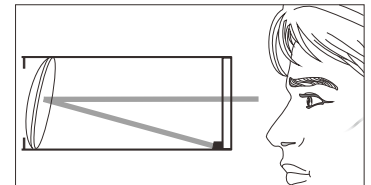


Fig2

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Multi Reticle

The default reticle for this sight is a 2MOA dot centered in a 32MOA circle with four positioning points. The diameter of the circle reticle represents approximately 32" at 100 yards (81cm at 100 meters). Hold the "-" button down 3 seconds to switch between the three reticles (Circle+Dot, Dot and Circle) in that order.

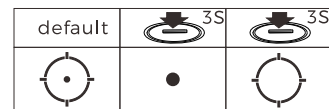


Fig 3

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b. Battery installation :

- i. Insert the battery into the battery tray with the POSITIVE side facing DOWN.
- ii. Insert and press the tray into the battery compartment.
- iii. Tighten the battery tray screw.

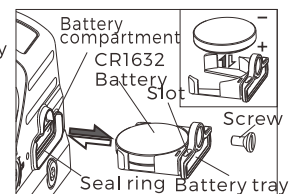


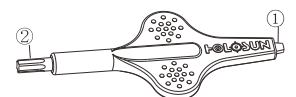
Fig 4

Caution:

The loss or damage of the seal ring may cause water to leak into the compartment which could damage the product.

Tools: wrench

1. Flat tab is used to adjust the Windage & Elvation.
2. T10 Torx wrench for screws.



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Installation on a Rail

1. The included rail mount enables this sight to attach to any firearm with a Picatinny or Weaver Rail. If the firearm has no compatible rail, contact a qualified gunsmith.
2. Using the included T10 Torx wrench

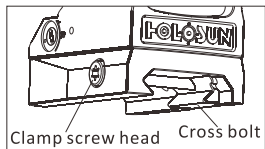


Fig 5

loosen the cross bolt. Attach the sight onto the mounting rail in an appropriate position. Tighten the cross bolt to 20 INCH/lbs using a non-permanent (medium/blue) thread locker. (Fig5)

Installation on a Slide

NOTE: HE508T is compatible with some standard mounting interfaces

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Sight operation

Two operation modes are available: Auto mode and manual mode.

1. Switch on: Press and release either brightness button ("+" or "-") to turn on the sight. See Fig 7.
2. Power off: Press the "+" and "-" buttons simultaneously to turn the power and motion sensor off (Shake Awake is disabled when powered OFF).
3. Operations mode: Two operation modes are available: Auto mode and manual mode.
 - 1) Auto mode (default) - In Auto mode, the solar cell and internal battery (two-way power supply) powers the sight. The reticle brightness is automatically adjusted based upon ambient lighting conditions. The sight will also switch between battery and solar cell

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- d) Holding down the "-" button for will cycle between the three reticle choices.
- 2) Manual mode:
 - a) To select manual mode, press and hold the "+" button for about four seconds or until the reticle blinks once. A single blink will confirm you have changed back to Manual mode.
 - b) Brightness adjustment: There are 12 settings for reticle brightness levels in manual mode. The default brightness is set to 7 when the device is in Manual mode. The brightness can be adjusted as required by pressing "+" or "-" to increase or decrease the brightness level, one press for one change in brightness level.
 - 3) Switching back to auto mode: press and hold the "+" button for about four seconds or until the reticle blinks once. A single blink will confirm you have changed to Auto mode.

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sleep timer setting (this will power off the sight).

5. Special operation:
 - 1) Solar cell power: If the battery voltage is below 2.2Vdc, please replace it. The sight will still operate if there is sufficient ambient light for the solar cell.
 - 2) To reduce power consumption when you have low battery and/or low ambient light, you can toggle the 32MOA circle OFF by holding the "-" button for about 3 seconds.

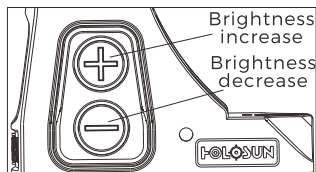


Fig 7

6. Note:
 - 1) Memory function: The sight will remember the last saved brightness setting when powered on and off.
 - 2) Low battery Warning: If the battery voltage is below 2.2Vdc, the reticle will blink slowly.

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currently available. For a footprint drawing, contact Holosun.

1. Remove the two screws shown in the figure 6-1 and remove the rail mount from the HE508T.
2. Place the HE508T on a compatible slide cut or adapter plate.
3. Use either the included screws or screws supplied with your slide or from your gunsmith and

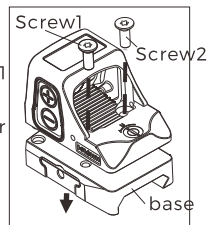


Fig 6-1

tighten to 15 INCH/lbs using a non-permanent (medium/blue) thread locker. (Fig6-2)

4. Verify proper clearances and firearm function prior to use.

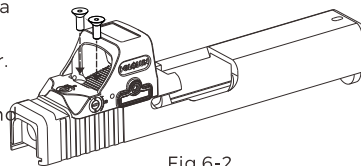


Fig 6-2

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power automatically in low-light/ no light conditions.

Auto mode operation:

- a) Under auto mode, the brightness of the reticle is automatically adjusted to match ambient lighting.
- b) The battery will compensate for power if the solar cell cannot drive the reticle alone.
- c) RED: If lighting is low enough, the sight will automatically switch to the battery. While running on battery, you can adjust the reticle brightness using the "+" and "-" buttons to switch between high and low brightness levels.
- GREEN: There are 8 settings from 3-10 under auto modes which have same brightness of manual modes. Press "+" or "-" to adjust the brightness and you are at setting X, the brightness will vary from X to 12 according to ambient lighting.

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4. Sleep timer mode:

- 1) Please note that your red dot will automatically enter into sleep mode after 10 minutes of no movement.
- 2) The sight will instantaneously wake up and turn on with any motion detected to last saved settings.
- 3) The default sleep timer setting is 10 min, but there 4 settings to select from.
 - i. Press and hold the "+" button for 10 seconds to enter sleep time adjustment mode. There are 4 options: 10 min, 1h, 12h or the sleep mode is disabled.
 - ii. Press and release the "+" or "-" button to select a sleep timer setting. The LED will blink to show which setting is selected: 1=10 min, 2=1h, 3=12h, or 4=sleep mode disabled.
 - iii. Press the "+" and "-" buttons simultaneously to save the

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Zero setting

- 1) This sight has been factory adjusted to an approximate 25 yard zero and should require minimal adjustment to achieve zero.
- 2) The Elevation adjustment is located on top of the tail section of the housing and the Windage adjustment is located on the right side of the housing. Adjustment can be performed by inserting the flat-tipped end of the included tool into the turret slot and rotating. See Fig 8.
- 3) Windage and Elevation adjustments are approximately 1 MOA per click.
- 4) Each adjustment click has a value of approximately 1 MOA or 1 inch at 100 yards (1/2" at 50y; 1/4" at 25y). When zeroing at 25 yard, if your

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impacts are 2 inches low and 1 inch right, you will need to adjust Elevation 8 clicks UP (counterclockwise) and 4 clicks LEFT (clockwise)
5) The maximum adjustment range is ± 50 MOA from center.

Caution: If you feel the knobs can no longer be rotated, you may have reached the mechanical limit of the adjustment turret. Do not try to rotate the knobs further if you feel a bind or you may cause damage.

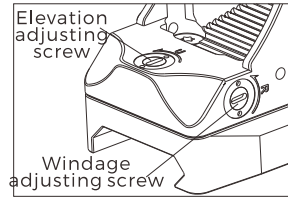


Fig 8

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Maintenance & care

This device is a precision instrument that deserves reasonably cautious care. The following tips are provided to ensure a long product life. The optical lenses are multicoated optical glass. When cleaning the lenses, blow away the dust on the surface, wet the lens with lens cleaner or clean water, then wipe away smudges with lens tissue, soft cotton or a microfiber cloth. Avoid touching the glass surface with dry cloth or tissue paper. Do not use organic solvents such as alcohol or acetone. No special maintenance is needed for the housing surface. Do not try to dismantle the device as the internal parts are specially cleaned and sealed and with an anti-fog treatment. Any such attempt will void the warranty.

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Limited warranty

We provide a limited lifetime warranty from the date of purchase on parts and workmanship to the original purchaser. At our sole discretion, we will repair or replace products found to be defective under normal use without charge, excluding any delivery costs, which will be born by purchaser. We will not be liable for incidental, consequential, or special damages arising out of or in any connection with the use or performance of this product. This warranty is void if the product has been misused, modified, neglected, or disassembled prior to its return. Please refer to <http://holosun.com/documentation/> for current and complete warranty information and other conditions.

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The logo for Holosun, featuring the word 'HOLOSUN' in a bold, sans-serif font with a registered trademark symbol. A stylized reticle symbol is positioned between the 'O' and 'S'.

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