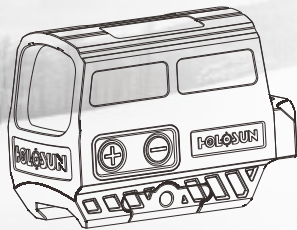


HE512T-GR/RD REFLEX SIGHT

User's Manual

Red Circle Dot
Green Circle Dot



www.holosun.com

Thank you for purchasing the HE512T-GR/RD. The HE512T is an enclosed reflex sight featuring Shake Awake technology, our Multi-Reticule System, and is powered by both solar cell and a CR2032 battery. Before installation, please read the User Manual carefully.

Model

HE512T-RD



HE512T-GR



Silicon
Solar cell

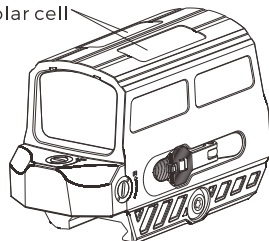


Fig 1 HE512T Reflex Sight

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Features

1. Aim with both eyes open for maximum situational awareness
2. Advanced LED Technology: Up to 20,000 hours battery life on Circle-Dot or 50,000 hours with the 2MOA Dot only
3. Advanced Super Solar Technology: Improved low light performance
4. Parallax free with unlimited eye relief
5. Multi-Reticule System : 2MOA Dot, 65MOA Circle, Circle Dot options
6. Shake Awake sensor
7. 10 Daylight and 2 Night Vision Compatible brightness settings
8. Grade 5 Titanium Housing
9. Absolute Co-witness Height (1.41")
10. Embedded Windage and Elevation Adjustments
11. Quick Release Locking Battery Tray
12. Waterproof: IPX8

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Battery

1. One high quality CR2032 Lithium battery is included with purchase.
 2. A high quality battery can power the Circle-Dot for up to 20,000 hours or the 2MOA dot only for up to 50,000 hours at a mid setting.
- Caution: Do not use a rechargeable battery.

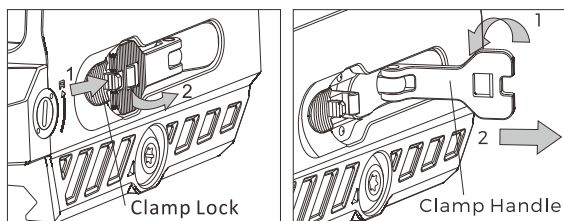


Fig 4

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HE512T-GR/RD

HE512T-GR/RD: A new compact, enclosed reflex sight featuring our Multi-Reticule System with three aiming options (Circle-Dot, 2MOA Dot -only, 65MOA Circle only). Holosun LED technology provides up to 50,000 hours of battery life on a single CR2032. This sight is for use on rifles, shotguns, pistols, air rifles, and crossbows.

Important Notices

1. Ensure that the firearm is completely unloaded and safe before device installation or installing a new battery.
2. Please keep the packaging should you need to make a warranty claim.

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Objective Lens

Reflex sights have an objective lens that is positioned at an angle in order to properly reflect the reticle/dot. The objective lens must be perpendicular to the LED which projects the light that is reflected off of the front lens and produces the reticle/dot you see.

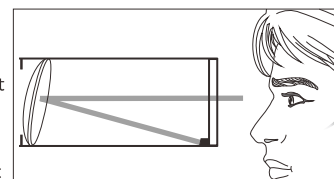


Fig2

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Multi Reticule

The reticle for this sight is a central 2MOA dot, centered in a 65MOA circle with four positioning points. The diameter of the circle reticle represents approximately 5' 5" at 100 yards (170cm at 100m).

The default reticle is a 2 MOA dot & 65 MOA circle. Depress the "-" button and hold it down until the reticle changes and then release the button. Repeat the process to cycle between the 3 reticle choices.

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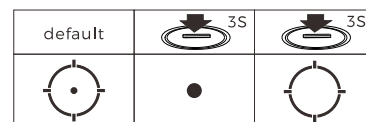


Fig 2

3. Removal and installation of the battery tray (Fig-4)
- 1) Push the clamp lock forward and simultaneously lift the clamp handle.
- 2) Rotate the clamp handle 90 degrees, then pull the clamp handle outward to remove the battery tray.

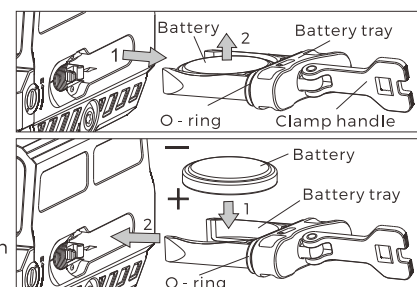


Fig 5

- 3) Repeat the steps above in reverse to install the battery tray.
4. Battery replacement (Fig-5)
- 1) Remove the battery tray from the optic and remove the spent battery from the battery tray.

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- 2) Insert a new battery into the battery tray making sure the "-" side faces up and the "+" side faces down.
 - 3) Reinsert the battery tray and lock the clamp handle down.
- Caution: Loss or damage to the battery tray o-ring seal may allow moisture into the compartment causing damage to the sight.

Installation on the Firearm

1. The HE512T is compatible with any firearm with a Picatinny mounting rail. If the firearm does not have a Picatinny rail, contact a qualified gunsmith.

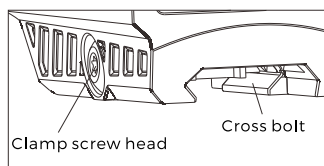


Fig 6

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- 1) Auto mode (default) - A two-way power supply operates the HE512T. Depending on ambient lighting conditions the HE512T will switch between battery and solar cell power automatically for operation in all lighting conditions.

Auto mode operation:

- a) In Auto mode, the brightness of the reticle is automatically adjusted to match varying lighting conditions.
- b) The battery will provide power if the solar cell cannot drive the reticle due to low light conditions.
- 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.

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4. Sleep Timer Mode:

- 1) Please note that your HE512T will automatically enter into sleep mode after 10 minutes of no movement.
- 2) The slightest movement of the sight will instantly awaken the reticle returning to the same brightness setting.
- 3) The default sleep timer setting is 10 min, with 3 additional settings.
 - i. Press and hold the "+" button for 10 seconds to enter the sleep timer setting mode. There are 4 options: 10 min, 1h, 12h or the sleep mode is disabled.
 - ii. Press the "+" or "-" button to select a setting. The LED will blink (1=10 min, 2=1h, 3=12h, or 4=disabled sleep mode).
 - iii. Press the "+" and "-" buttons simultaneously to save the timer setting and power off the sight.

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Zero setting

- 1) The sight has been factory zeroed to approximately 25 yards.

- 2) The elevation adjustment is located on top of the rear section of the housing and the windage adjustment is located on the right side of the housing. Windage and Elevation adjustments can be made using the included tool. (see Fig8).

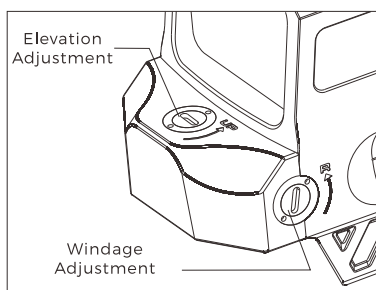


Fig 8

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2. Using the included T10 Torx tool, loosen the cross bolt and then attach the sight onto the Picatinny rail in an appropriate position. Apply forward pressure towards the muzzle and tighten the clamp bolt (Fig6)

Sight Operation

The HE512T has two operating modes: Auto mode and Manual mode.

1. To Power ON (see Fig7): Press either brightness button ("+" or "-") to turn on the sight.
2. To Power OFF: Press the "+" and "-" buttons simultaneously to turn the power and motion sensor off.
3. Operation Mode: Two operation modes are available: Auto mode and Manual mode.

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GREEN: There are 8 settings (3-10) in auto mode which have same brightness as in manual mode. Press "+" or "-" to adjust the brightness and you are at setting X, the brightness will vary from X to 12 according to ambient lighting.

2) Manual Mode:

- a) Press down the "+" button for 3 seconds to enter into Manual Mode.
- b) Brightness Adjustment: There are 12 reticle brightness settings in manual mode. Press "+" or "-" to increase or decrease the brightness.
- c) Holding down the "-" button for 3 seconds will cycle between the three reticle options (Circle-Dot, 2MOA Dot only, 65MOA Circle only).
- 3) Return to Auto Mode: Press the "+" button for 3 seconds and release when you see the reticle blink once.

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5. NOTE:

- 1) Memory function: The sight will return to the last saved brightness setting when powered on and off.
- 2) Low Battery Warning: If the battery voltage falls below 2.2VDC, the reticle will blink once every two seconds.

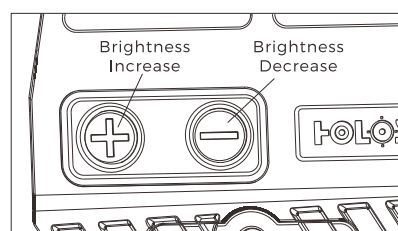


Fig7

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- 3) Windage & Elevation adjustments have a 0.5MOA click value
- 4) Adjust the Elevation turret counterclockwise to move the point of impact UP. Adjust the Windage turret counterclockwise to move the point of impact to the RIGHT. Turning either turret clockwise moves the point of impact in the opposite direction
- 5) The maximum adjustment range is ± 50 MOA from center.

Caution: Do not try to over rotate the adjustment turrets. If you feel the adjustment turrets can not be rotated, this indicates you have reached the adjustment limit. Further adjustment may cause damage. If the required adjustment range is beyond the limits, consider adding an extra spacer between the device and mounting rail to allow for additional adjustment.

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Maintenance & care

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> for current and complete warranty information and other conditions.

·16·


HE512T-GR/RD REFLEX SIGHT

·18·

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> for current and complete warranty information and other conditions.

·17·

The HoloSun logo, featuring the brand name in a bold, sans-serif font with a registered trademark symbol. The letter 'O' is stylized with a crosshair or reticle design inside it.A grayscale background image showing a close-up of a rifle equipped with a reflex sight. The rifle is positioned horizontally, and the sight is mounted on top. The background is slightly blurred, showing what appears to be a snowy or light-colored outdoor environment with some trees in the distance.

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Customer Service

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V1.1