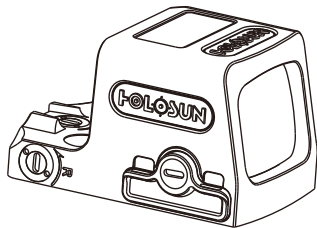


EPS

HOLOSUN[®]



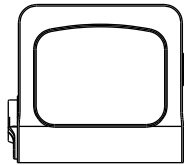
User's Manual

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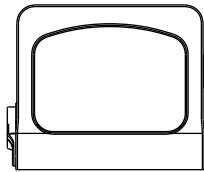
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Thank you for purchasing the HOLOSUN EPS/EPS CARRY Enclosed Reflex Sight. The sight may be installed on various firearms such as shotguns, pistols, rifles, air rifles and crossbows. Before operation, please read the User's Manual carefully.

Model



EPS CARRY



EPS

Fig1 EPS/EPS CARRY Reflex Sight

Important Notices

1. Ensure the firearm is unloaded and cleared by removing all ammunition and magazines from firearm and verifying an empty chamber before installation or battery replacement. **DO NOT ATTEMPT TO INSTALL THIS SIGHT KIT ON A LOADED FIREARM.**
2. Improper installation of firearm parts or accessories may result in death or serious personal injury. If you are not properly trained in the installation of these parts, have them installed by a gunsmith or armorer.
3. Please keep the packaging should you need to make a warranty claim.

! WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**.
- **Seek Immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Objective Lens

All reflex sights have an objective (front) lens that is positioned off axis and appears to be tilted when looking at the sight. This angle of the objective lens allows the light generated by the LED inside the unit to be reflected creating the aiming point. The reflected light becomes the "dot" or aiming reference that the user sees. (See Fig 2)

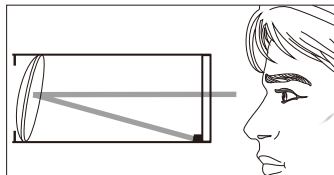


Fig 2

Features

1. Ultra compact size for concealed carry applications(EPSCARRY).
2. Shake Awake™ - Motion on with last setting recall.
3. Parallax free, unlimited eye relief.
4. Enclosed Design
5. CNC milled 7075 Aluminum Housing.
6. 8 day light and 4 night vision compatible brightness settings.
7. Window Size 0.58x0.77 inches(EPSCARRY).
8. Window Size 0.63x0.9 inches(EPSC).
9. IPX8 Certified.

Multi-Reticle System

The reticle for the sight is a 2MOA dot centered in a 32MOA circle with four positioning points. (See Fig 3)

The diameter of the circle reticle represents approximately 32" at 100 yards(81cm at 100m). Hold the "-" button for 3 seconds to switch between the three reticles (Dot with Circle, Dot only, Circle only) in that order. (**MRS model only**)

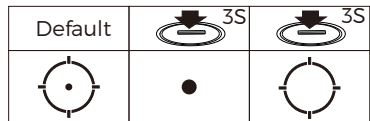


Fig 3

Battery

1. One high quality CR1620 Lithium battery is included with purchase.
2. A high quality battery can power this device for up to 50000 hours (dot) at setting 6.
3. Battery Replacement. (See Fig 4)
 - 1) Removing the battery:
 - a. Remove the battery tray screw.
 - b. Use the included tool as a lever in the battery tray slots to remove the battery tray and battery.
 - 2) Battery Installation:
 - a. Insert the battery into the battery tray with the POSITIVE side facing DOWN.
 - b. Insert and press the tray into the battery compartment.
 - c. Tighten the battery tray screw to 5 inch/lbs. Add medium, non-

permanent thread locker if the battery tray screw has been removed more than once.

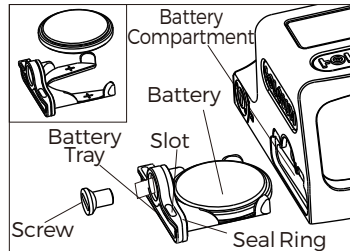


Fig 4

Caution:

1. Battery type (CR1620).
2. Battery chemistry (lithium).
3. Nominal voltage: (3V).
4. 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.
5. Even used batteries may cause severe injury or death.
6. Call a local poison control center for treatment information.
7. Non-rechargeable batteries are not to be recharged.
8. Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
9. Ensure the batteries are installed correctly according to polarity (+ and -).

·10·

10. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
11. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
12. 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.
13. The loss or damage of seal ring may cause water to leak into the battery compartment which could damage the product.

NOTE: The product include "Warning: contains coin battery" icon (See Fig 5), please don't forcefully remove it.



Fig 5

·11·

Installation on the Slide

NOTE: EPS/EPS CARRY is compatible with some standard mounting solutions currently available.

1. Place the EPS/EPS CARRY on a compatible slide cut or adapter plate (this varies based on your slide configuration).
2. Use either the included screws or screws supplied with your slide or from your gunsmith and tighten to 15 inch/lbs using a non-permanent (medium/blue) thread locker. (See Fig 6)
3. Verify proper clearances and firearm function prior to use.

Note:

EPS and EPS Carry include one adapter plate with purchase: EPS includes an RMR adapter plate, EPS Carry includes an RMSC adapter plate, LEM SERIES include a GLOCK MOS adapter plate. (Excluding EPS-CARRY-RD-MRS-LEM)

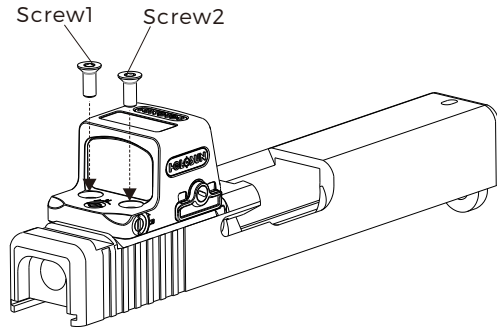


Fig 6

1. EPS: To use the included RMR adapter plate, first use two included #6-32x6.5 screws to attach the adapter plate to the slide and then use the provided screws to attach the sight to the adapter plate. (See Fig 7-1)

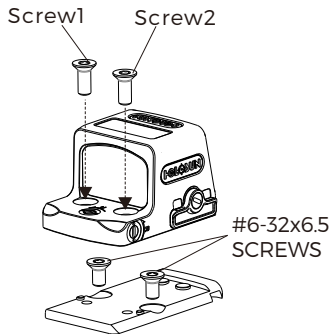


Fig 7-1

2. EPS Carry: To use the included RMSC adapter plate, first place the adapter plate onto the slide in the proper orientation, then attach the sight to the adapter plate/slide using the provided screws to pass through the holes of the sight and adapter plate. (See Fig 7-2)
EPS-CARRY-RD-MRS-LEM also applicable.

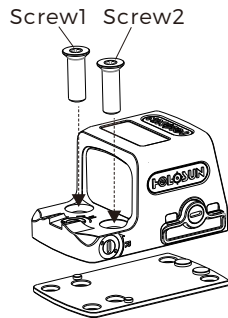


Fig 7-2

3. LEM series: To use the included GLOCK MOS adapter plate, first use two included M3*5 screws to attach the adapter plate to the slide and then use the provided screws to attach the sight to the adapter plate. Excluding EPS-CARRY-RD-MRS-LEM.(See Fig 7-3)

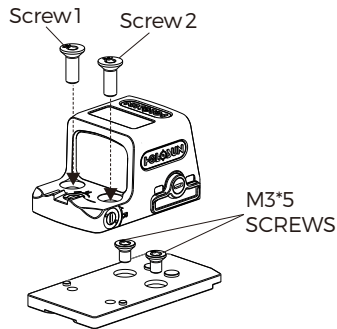


Fig 7-3

Sight Operation

- 1. Power ON:** Momentarily press either brightness button ("+" or "-") to turn on the sight. (See Fig 8)
- 2. Power OFF:** Press the "+" and "-" buttons simultaneously to turn the power and motion sensor off (this will disable Shake Awake).
- 3. Operation Mode:** Three modes are available by holding the minus (+) button for three seconds: *Auto Mode -> Manual Mode -> Lockout Mode (*Auto mode is not available on non-solar models)
 - 1) Auto Mode: Solar models only. For models with Solar Failsafe, the default mode is auto mode.
 - a) In auto mode, the brightness of reticle is automatically adjusted based on ambient lighting received by the on-board photo sensors.
 - b) The battery will compensate for power if the solar cell cannot drive the reticle alone.

c) RED: If lighting is low, the sight will automatically switch to the battery power. While running on battery power, you can adjust the reticle brightness using the "+" and "-" buttons to switch between high and low brightness levels.

d) GREEN: If lighting is low, the sight will automatically switch to the battery power. While running on battery power, there are 8 settings from 3-10 in the lowest gear which have same brightness of manual mode. Press "+" or "-" to adjust the brightness and you are at setting X, the brightness will vary from X to 12 based on ambient lighting.

2) Manual Mode:

a) Hold the "+" button for 3 seconds to enter into manual mode. A single reticle blink confirms the change.

b) Brightness adjustment: There are 12 reticle brightness setting levels in manual mode. Settings 1 to 4 are NV compatible and setting

12 is the brightest. Press "+" or "-" button to increase or decrease the brightness.

3) Lockout Mode:

Lockout Mode Activation: Hold the "+" button for 3 seconds (until the LED blinks once) to activate lockout mode. In lockout mode buttons are locked out preventing any setting changes. To deactivate lockout mode, hold the "+" button for 3 seconds, the LED will blink once to confirm lockout mode is deactivated and will return to auto mode (solar models) or manual mode (non-solar models).

4. Sleep Timer Setting:

1) Please note that your reticle 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 detection to the last saved settings.

- 3) The default sleep timer setting is 10 min, but can be adjusted.
- a. Press and hold the "+" button for 10 seconds to enter sleep time adjustment mode. There are 4 options: 10 min, 1h, 12h or OFF in which case sleep mode is disabled.
 - b. Press and release either "+" or "-" button to set the time. The LED will blink as follows: 1=10 min, 2=1h, 3=12h, or 4=disable sleep mode (Shake Awake is disable).
 - c. To save your setting, press the "+" and "-" buttons simultaneously to save the timer setting and power off the sight.

5.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. (The warning voltage of EPS/EPS-CARRY-GR series is 2.3Vdc)

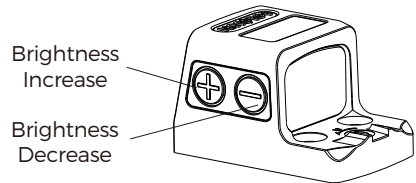


Fig 8

Zero Setting

- 1) The sight has been factory zeroed to approximately 25 yards and should require minimal adjustment to achieve zero.
- 2) The Elevation adjustment is located on the rear section of the housing and the Windage adjustment is located on the right side of the housing.
- 3) Adjustment can be performed by inserting the flat tipped end of the included tool into the turret slot and rotating. (See Fig 9)
- 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 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 ± 30 MOA.

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.

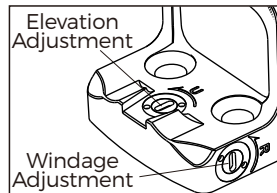


Fig 9

Included Tool

1. Flat tipped end is used to adjust the Windage & Elevation.
2. T10 Torx tool for screws. (See Fig 10)

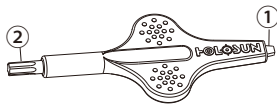


Fig 10

Configuration

1. EPS Configuration

CONFIGURATION	EPS					
	RD-MRS	GR-MRS	RD2	GR2	RD6	GR6
2MOA Dot			•	•		
6MOA Dot					•	•
2 MOA Dot and 32 MOA Circle	•	•				
Solar Cell	•	•				
RMR Plate	•	•	•	•	•	•
#6-32*8.5 Screw	•	•	•	•	•	•
#6-32*6.5 Screw	•	•	•	•	•	•
M3-9.8 Screw	•	•	•	•	•	•

2. EPSCARRY Configuration

CONFIGURATION	EPSCARRY					
	RD-MRS	GR-MRS	RD2	GR2	RD6	GR6
2MOA Dot			●	●		
6MOA Dot					●	●
2 MOA Dot and 32 MOA Circle	●	●				
Solar Cell	●	●				
RMSC Plate	●	●	●	●	●	●
M4-9.8 Screw	●	●	●	●	●	●
M3-9.8 Screw	●	●	●	●	●	●
#6-32*12 Screw	●	●	●	●	●	●

3. LEM Configuration

CONFIGURATION	LEM							
	EPS						EPS-CARRY	
	RD-MRS	GR-MRS	RD2	GR2	RD6	GR6	RD-MRS	RD6
2MOA Dot			●	●				
6MOA Dot					●	●		●
2 MOA Dot and 32 MOA Circle	●	●					●	
Solar Cell	●	●					●	
M3-9.8 Screw	●	●	●	●	●	●	●	●
GLOCK MOS Plate	●	●	●	●	●	●		●
M3*5 Screw	●	●	●	●	●	●		●
#6-32*9.5 Screw	●	●	●	●	●	●		●
M4-9.8 Screw							●	
#6-32*12 Screw							●	
RMSC Plate							●	

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.

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 www.holosun.com for current and complete warranty information and other conditions.

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