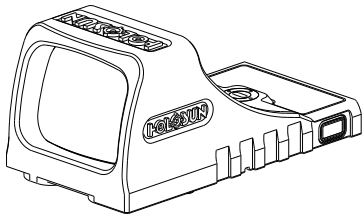


**SCS**

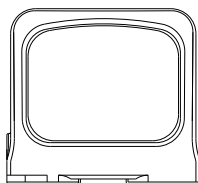
**HOLOSUN®**



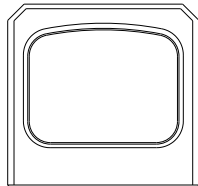
**User's Manual**

Thank you for purchasing the HOLOSUN SCS (Solar Charging Sight) reflex sight. There are two types of SCS reflex sights: open and enclosed. Before operation, please read the User's Manual carefully.

**Model**



SCS MOS



SCS CARRY

**Fig 1 SCS Reflex sight**

## **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.



## 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.

## 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)

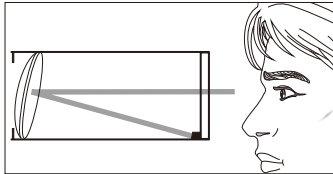


Fig 2

## Features

1. Multi Reticle System: 2 MOA dot, 32MOA circle, 32MOA circle-dot options.
2. Parallax free, unlimited eye relief.
3. Solar power supply.
4. Built-in rechargeable battery.
5. Photosensitive sensors detect ambient lighting levels and automatically adjusts the brightness of the reticle.
6. CNC milled Aluminum Alloy Body (SCS MOS is a Titanium Alloy Body)
7. Includes RMSc plate (SCS CARRY-GR).
8. Window Size: 0.58 x 0.77 inches (open series).
9. Window Size: 0.63 x 0.90 inches (enclosed series).
10. Waterproof: IP67.

## Multi Reticle System

The diameter of the circle reticle represents approximately 32 inches at 100 yards (81cm at 100 meters). When powered ON, the default reticle for this sight is a 2MOA dot centered in a 32MOA circle with four positioning points. While powered ON, a long press the "function button" will cycle through the default 32MOA/2MOA circle-dot, dot only, circle only, and then power OFF.

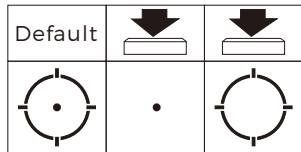


Fig3

## Power Supply

The SCS uses a combination of solar and an internal rechargeable battery power supply system. When ambient lighting is insufficient, the SCS is powered by the internal battery. When the ambient lighting is sufficient, the solar cell automatically charges the internal battery. (See Fig 4)

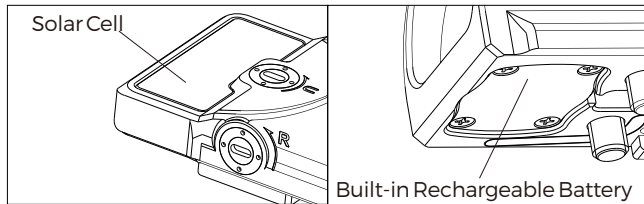


Fig 4

**Caution:**

1. Battery type (ML1220).
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. This product contains a non- replaceable battery.

**Battery performance (hours) of the internal battery when powered OFF.**

In Transport or Dark Environment	0.05 $\mu$ A	Discharge Duration: 200,000h
Indoor Environment	Charging Current: 1~10 $\mu$ A	Charging Duration: 10,000h
Outdoor Environment	Charging Current: 300 $\mu$ A	Charging Duration: 50h

**Battery performance (hours) of the internal battery when powered ON.**

In Transport or Dark Environment	Dot : 0.05 $\mu$ A	Discharge Duration: 200,000h
	Circle and dot : 0.2 $\mu$ A	Discharge Duration: 60,000h
Indoor Environment (10~1000Lux)	Dot:0.05 $\mu$ A	Discharge Duration: 200,000h
	Circle and dot: 1.2 $\mu$ A (Maximum)	Discharge Duration: 10,000h
Outdoor Environment (More than 10000Lux)	Dot: Charging Current: 300 $\mu$ A	Charging Duration: 50h
	Circle and dot: Charging Current: 270 $\mu$ A	Charging Duration: 60h
Short Press Button For Brightness Override	Dot:5.5 $\mu$ A	Discharge Duration: 2,700h
	Circle and dot : 15 $\mu$ A	Discharge Duration: 1,000h

**Example:** In the most extreme case, 12 $\mu$ Ah of power will be consumed when the circle-dot mode is used for 10 hours. It can charge 100 $\mu$ Ah when charging outdoors for 1 hour. The rate of charge is much higher than the power consumption rate. During normal use, there is virtually no need to worry about battery power consumption.

## Installation

**Note:** The SCS reflex sight is compatible with some standard mounting solutions currently available. Please verify the SCS model you have matches your optics-ready pistol slide. We recommend that you remove the slide from the pistol frame before installation.

1. Place the SCS on the optics-ready slide or adapter plate (this varies based on your slide configuration).(See Fig 5)
2. Use either the included screws or screws supplied with your slide or from your gunsmith and tighten to the recommended torque value using a non-permanent (medium/blue) thread locker. (Refer to the SCS configuration table on page 21)
3. Reinstall the slide to your pistol.
4. Verify proper gun function before use.

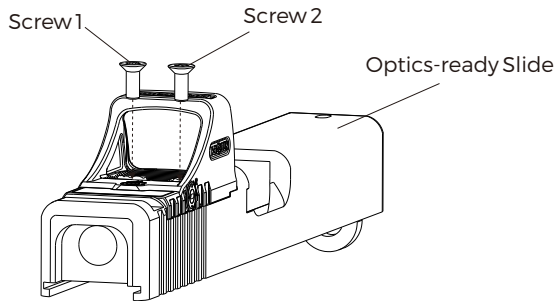


Fig 5

Note: SCS CARRY includes an RMsC adapter plate with purchase, first place RMsC 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 6)

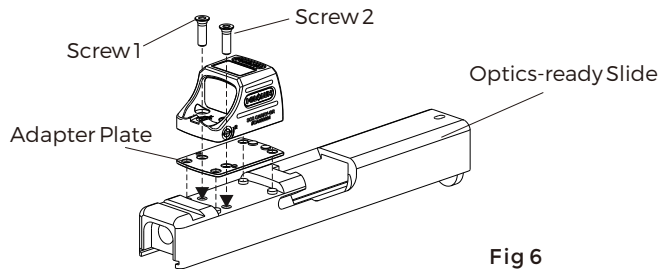


Fig 6

## Sight Operation

- 1. Power ON:** To turn on the SCS, long press the function button for 1s to turn on the power.
- 2. Power OFF:** To turn OFF the SCS, long press the function button to cycle through reticles : dot-circle -> dot -> circle -> OFF to shut down and power off. (See Fig 7)

### 3. Reticle Brightness:

The brightness of the reticle is automatically adjusted according to ambient lighting conditions. The change of ambient light is collected by a photosensitive sensor where circuit calculations automatically adjust reticle intensity.

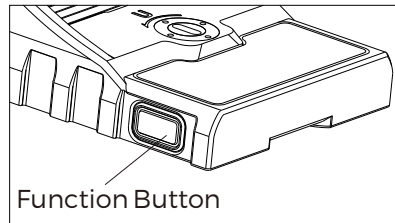
**Reticle Brightness Override:** When the reticle brightness is insufficient, the reticle brightness can be increased with a

momentary press of the function button activating the override function. A second momentary button press will deactivate the override. The override function increases the brightness several levels and will deactivate after 30 minutes automatically.

#### **4. Low Battery Warning:**

When the SCS is powered on, the reticle may flash indicating low battery power. If the battery level is less than 30%, it will flash once in 1 second intervals; If the battery level is less than 20%, it will flash twice in 1 second intervals; If the battery level is less than 10%, it will flash 3 times in 1 second intervals; the low battery indicator flashes last 10 seconds.

**Note:** Do not cover the solar panel when in use. Blocking the solar panel will affect reticle intensity and charging ability.



**Fig 7**

## Zero Setting

1. The sight has been factory zeroed to approximately 25 yards but will require zeroing to your specific firearm and ammunition choice.
2. The elevation adjustment is located on the top-rear section of the housing and the windage adjustment is located on the right side of the housing towards the rear. Adjustment can be performed by inserting the flat tipped end of the included tool into the turret slot and rotating as shown in the figure below. The arrows indicate the change in point of impact. (See Fig 8)
3. 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 yards, 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)

4. The maximum adjustment range is  $\pm 30$  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.

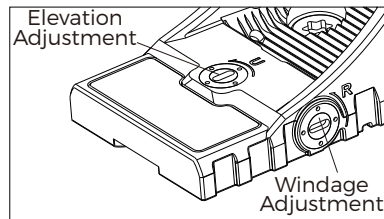


Fig 8

### Included Tool:

1. Flat tipped end is used to adjust the Windage & Elevation.
2. T10 Torx tool for screws. (See Fig 9)

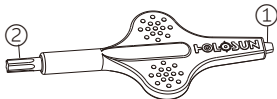


Fig 9

## Configuration

INCLUDED SCREWS (SUGGESTED TORQUE)	SCS					
	MOS	PDP	IWI	P10	320	CARRY
M3*7 SCREW (15 in/lbs.)	•	•	•			
M3*8.5 SCREW (15 in/lbs.)				•		
M3*9.8 SCREW (15 in/lbs.)						•
M4*9.8 SCREW (20 in/lbs.)					•	•
M4*10.8 SCREW (20 in/lbs.)					•	
#6-32*12 SCREW (18 in/lbs.)						•
RMSc PLATE						•

INCLUDED SCREWS (SUGGESTED TORQUE)	SCS				
	MP2	VP9	FNX 45	APX	FN509T
M3.5*8.5 SCREW(18 in/lbs.)				●	
M4*8 SCREW(20 in/lbs.)		●			
#6-32*7.5 SCREW(18 in/lbs.)	●		●		
#6-40*7.5 SCREW(15 in/lbs.)					●

## 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](http://www.holosun.com) for current and complete warranty information and other conditions.

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