HOLOSUN SCS MOS-RD Solar Charging Sight User Manual

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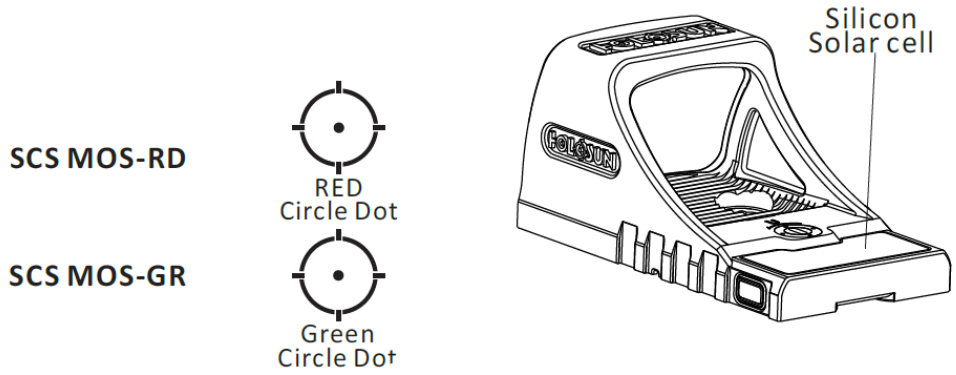
HOLOSUN SCS MOS-RD Solar Charging Sight

Thank you for purchasing the HOLOSUN SCS (Solar Charging Sight) open reflex sight. The SCS open reflex sight adopts a self-powered power supply system with automatic perception of ambient lighting which automatically adjusts reticle intensity. The SCS features a large field of view and one-button operation. Before operation, please read the User's Manual carefully.

Model

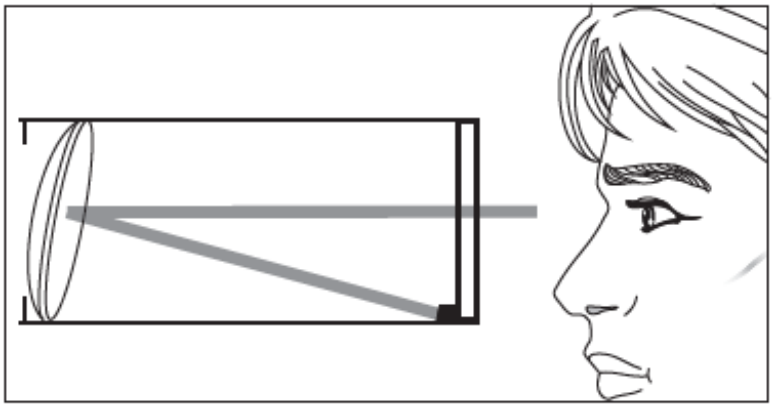


Important Notices

1. Ensure the firearm is unloaded and clear by removing all ammunition and magazines from the firearm and verifying an empty chamber before installation or battery replacement. DO NOT ATTEMPT TO INSTALL THIS SIGHT KIT ON A LOADED FIREARM.
2. Please keep the packaging should you need to make a warranty claim.

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. As a result, the objective lens is canted towards the LED. The direction of cant varies by model due to LED positioning.

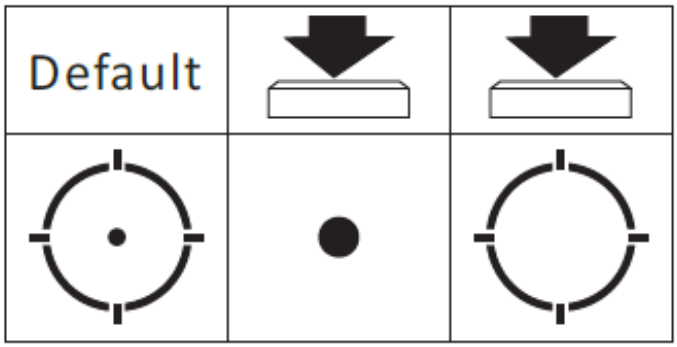


Features

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. The built-in battery supplements power to the system when the ambient lighting conditions are insufficient.
5. The photosensitive sensor detects ambient lighting levels and automatically adjusts the brightness of the reticle.
6. CNC milled Titanium Alloy Body
7. Window Size: 0.58 x 0.77 (inches)
8. Waterproof:IP67.

Multi Reticle System

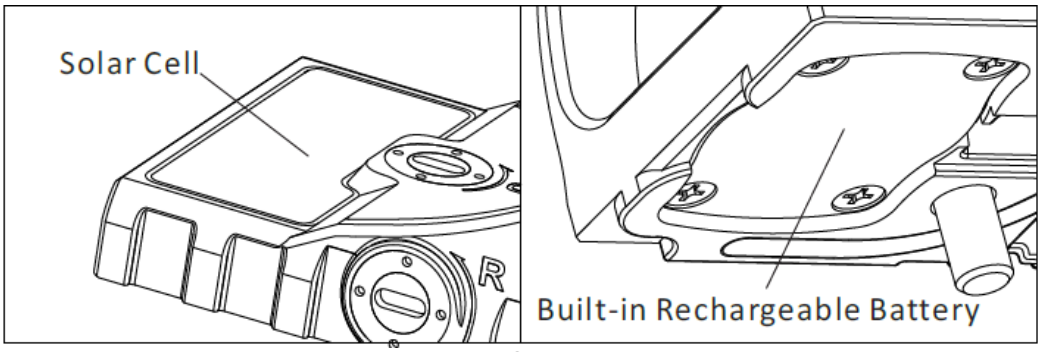
The diameter of the circle reticle represents approximately 32 inches at 100 yards (81cm at 100 meters). When powered ON, the default reticle for this sight is a 2MOA



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.

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.
Note: The internal rechargeable battery is not removable.



The performance of the internal battery when powered OFF.

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

The performance of the internal battery when powered ON.

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

Example: In the most extreme case, 12 μAh of power will be consumed when the circle-dot mode is used for 10 hours. It can charge 100uAh 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 attaches directly to your optics-ready slide. 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.(Fig5)
2. Fasten the SCS to the slide using the two supplied screws and tighten to 15 INCH/lbs using a non-permanent (medium/blue) thread locker.
3. Reinstall the slide to your pistol.
4. Verify proper gun function before use.

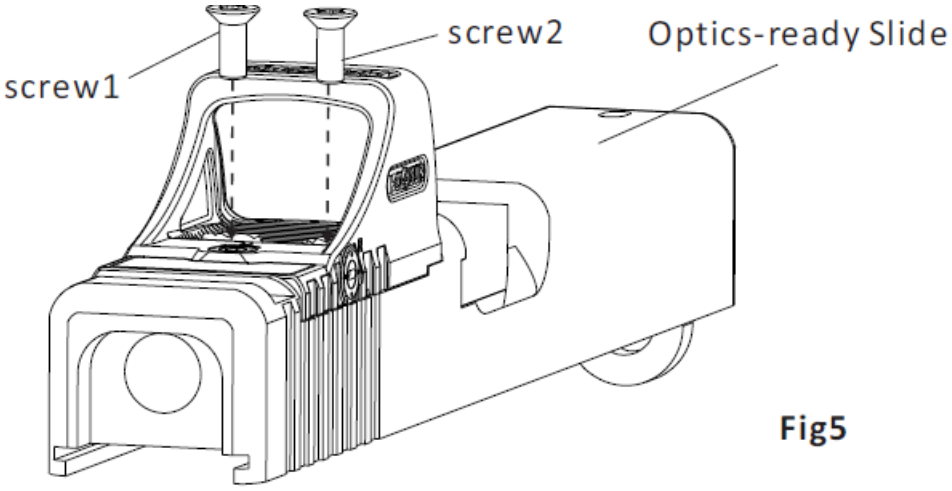
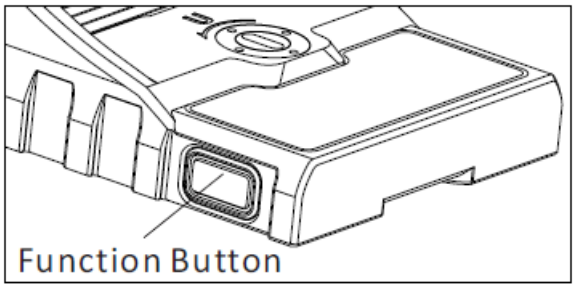


Fig5

Sight Operation

1. **Power On:** To turn on the SCS, long press the function button for 1s to turn on the power, at this time the SCS is powered by battery.
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.
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.



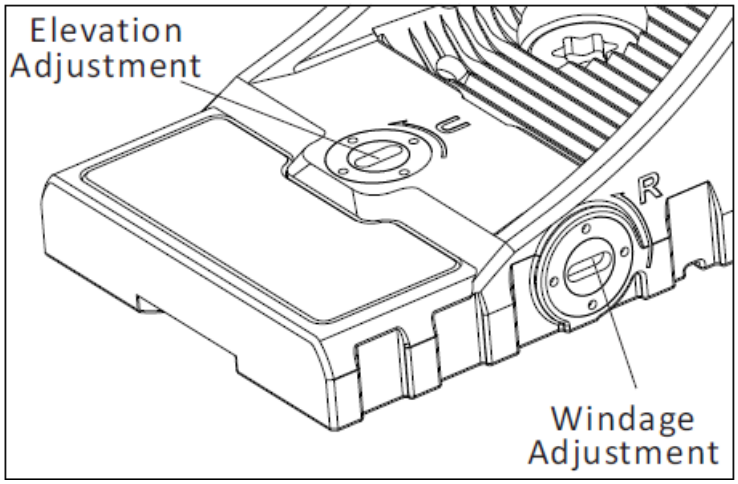
Zero Setting

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.

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 ± 30MOA.

   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.



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 any 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.

For more information about Holosun, our Terms of Use and Sale, and our Privacy Policy, please visit **holosun.com**.

Documents / Resources

	**HOLOSUN SCS MOS-RD Solar Charging Sight** [pdf] User Manual SCS MOS-RD, SCS MOS-GR, Solar Charging Sight, Charging Sight, Solar Sight, Sight, SCS MOS-RD
	**HOLOSUN SCS MOS-RD Solar Charging Sight** [pdf] User Manual SCS MOS-RD Solar Charging Sight, SCS MOS-RD, Solar Charging Sight, Charging Sight

References

- HOLOSUN
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