HOLOSUN®

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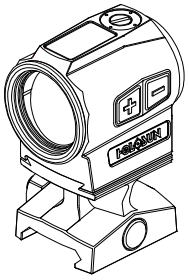
SCRS

SOLAR CHARGING RIFLE SIGHT



User's Manual

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WARNING :Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Ver:A0

www.holosun.com

SCRS Serie

The SCRS (Solar Charging Rifle Sight) advances Holosun's SCS technology creating an all-new, ultra compact 20mm tube sight designed for rifle applications.

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. **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.

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

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.

Thank you for purchasing the HOLOSUN SCRS Red Dot Sight. This enclosed reflex red dot sight is designed for use on rifles only. **Use of the SCRS on a handgun will void the warranty**. Before operation, please read the User's Manual carefully.

MODE

Circle Dot

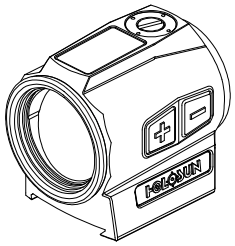

Fig 1 SCRS-RD-MRS Enclosed Reflex Sight

Objective Lens

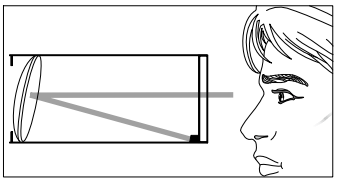

Fig 2

All reflex sights have an objective(front) lens that is positioned at an angle. This angle of the front lens allows the light generated by the LED inside the unit to be reflected back to the user. The reflected light becomes the "dot" or aiming reference that the user sees.

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.

Included Tool:

1. Flat tipped end is used to adjust the Windage & Elevation.
2. T10 Torx tool for screws(see Fig 9).
3. Hexagon wrench for nut(see Fig 10).

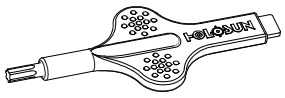

Fig 9

Fig 10

Features

1) Mutil Reticle System:2 MOA dot only, 65 MOA circle only, or circle-dot options(SCRS RD-2/GR-2 is 2 MOA dot only).
2) Solar power supply.
3) Built-in rechargeable battery. The built-in battery supplements power to the system when the ambient lighting conditions are insufficient.
4) A photosensitive sensor detects ambient lighting levels and automatically adjusts the brightness of the reticle to suit conditions.
3) Shake Awake™ - Motion on with last setting recall.
4) Parallax free, unlimited eye relief.

5) 8 day light and 4 night vision compatible brightness settings.
6) CNC milled 7075 Aluminum Housing.
7) 1.63" Mount Included.
8) IP67 Certified Waterproof.

Multi Reticle System

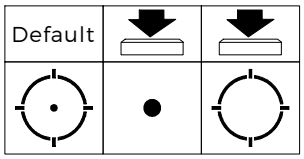

Fig 3

LEFT (clockwise)
5) The maximum adjustment range is ±50MOA from center.

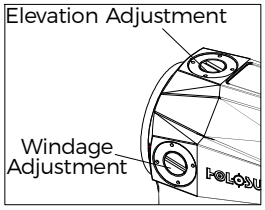

Fig 8

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.

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 at the top 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. Adjustments will affect POI (point of impact).
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 50 yards, if your point of impact is 2 inches low and 1 inch right, you will need to adjust Elevation 4 clicks UP (counterclockwise) and 2 clicks

The reticle for this sight is a 2MOA dot centered in a 65MOA circle with four positioning points. (SCRS-RD/GR-MRS only)
The reticle of SCRS-RD/GR-2 is only 2MOA dot.
MRS (Multi-Reticle System) consists of a 2MOA dot and a 65MOA circle.
The diameter of the circle reticle represents approximately 5' 5" at 100 yards(170cm at 100m). The default setting is a 2 MOA dot with 65 MOA circle. Holding the "-" button for 3 seconds will cycle the reticle between Circle-Dot, Dot only, and Circle only.

Power Supply

The SCRS uses a combination of solar and an internal rechargeable battery power supply system. When ambient lighting is insufficient, the SCRS is powered by the internal battery. When the ambient lighting is sufficient, the solar cell powers the sights and automatically charges the internal battery.
Note: The internal rechargeable battery is not removable.

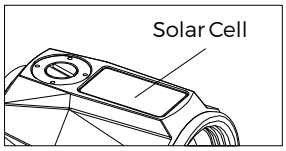

Fig 4

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.

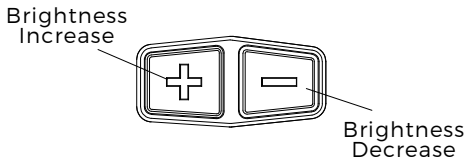

Fig 7

To exit the Lockout mode, press and hold the "+" button again for 3 seconds, the LED will blink once then switch to Auto Mode.

4. Sleep timer setting:

1) Please note that your reticle will automatically enter into sleep mode after 10 minutes of no movement.

2) Any slight motion will instantaneously wake the LED to the last used settings.

3) The default sleep timer setting is 10 min, but can be adjusted.

i. Press and hold the "+" button for 10 seconds to enter sleep timer adjustment mode. After 10 seconds, the reticle will blink according to the current setting. There are 2 options. Press and release either "+" or "-" button to change the setting.

ii. The LED will blink 1 = 10 min, 2 = 1h.

iii. Press the "+" and "-" buttons simultaneously to save the time

Auto mode: Internal battery performance while in continuous use

In Transport or Dark Environment	Working Current: 15μA	Discharge Duration: 4000h
Indoor Environment	Working Current: 30μA	Discharge Duration: 2000h
Outdoor Environment	Charging Current: 100~400μA	Charging Duration: 100h

Note: Battery standby time exceeds 5 years when fully charged. Auto mode is recommended for indoor use and during transport, With regular use, the internal battery is charged with more power than is used to power the sight maintaining a surplus of battery power.

Installation

1. Installation

1) The SCRS base (without included mount) is compatible with Holosun 509T mounts for use as a secondary sighting system on a rifle. Using the included mount, the SCRS can be attached to standard 1913 Picatinny rails. See Fig 5

2) Use a T10 Torx tool (included) to loosen the clamp screw, then attach the SCRS onto the mount so the recoil lug engages the slot on the mount. Apply forward pressure and tighten to 20 inch/lbs.

3) The clamping screw is designed with a self-locking mechanism to prevent loosening due to vibration/recoil.

Thread locker is always recommended.

ambient lighting while in Auto mode. If you adjust to setting 6, Auto Mode will adjust from 6-10 depending on lighting conditions.

2) Manual mode:

a) Switch to Manual mode from Auto mode by holding the "+" button for about 3 seconds, until the reticle blinks once.

b) Brightness adjustment: There are 12 reticle brightness setting levels in manual mode. Settings 1 and 4 are NV compatible and setting 12 is the brightest. Press "+" or "-" to increase or decrease the brightness.

3) Lockout Mode:

Switch to Lockout mode from Manual mode by holding the “+” button for about 3 seconds, until the LED blinks once. In Lockout mode, momentary presses of the "+" or "-" button will not change settings.

Auto mode accommodates operation in all lighting conditions and is the default setting.
a) In 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 power the reticle alone such as in darker environments.
c) RED: If lighting is low enough, the sight will automatically switch to battery power. While running on battery power, you can adjust the reticle brightness using the "+"and "-" buttons to switch between higher and lower brightness levels.
d) GREEN: There are 8 daylight settings from 3-10 under auto mode which are equal to the same setting manual mode. Press "+" or "-" to adjust the brightness and you are at setting X, or the minimum brightness, which will vary from X to 10 according to

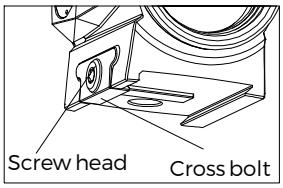

Fig 5

2. Installation

1) The SCRS includes a mount designed for attachment to a Picatinny Rail.
2) Attach the SCRS sight with the included mount attached as shown in the installation diagram(figure 5).
3) Using the included 11mm tool to loosen the nut (figure 6) . and move the clamp block enough to attach to the mount to the

Picatinny rail.
4) Tighten the 11mm mounting nut to 50-65 in/lbs.

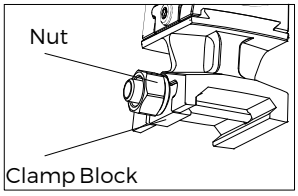

Fig 6

Sight Operation

1.Power ON: Momentarily press either 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 (this will disable Shake Awake).
3.Operation Mode: SCRS has three modes. Changing modes is done by holding the plus "+"button for three seconds.Modes: Auto Mode -> Manual Mode -> Lockout Mode.
1) Auto mode - In Auto mode, the solar cell and internal battery (dual power supply) power the sight. The reticle brightness is automatically adjusted based upon ambient lighting conditions. SCRS will switch between solar cell power and battery power automatically in low-light/dark conditions.