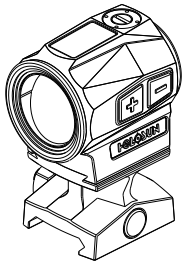


# SCRS

# HOLOSUN®

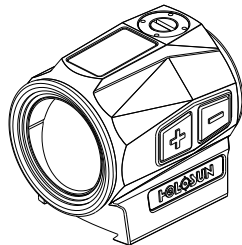


Thank you for purchasing the HOLOSUN Solar Charging Rifle Sight (SCRS). This enclosed reflex sight is designed for use on rifles only. **Use of the SCRS on a handgun will void the warranty.** Before operation, please read the User's Manual carefully.

**Model**



Circle Dot



**Fig1 SCRS-RD-MRS Enclosed Reflex Sight**

**User's Manual**

[www.holosun.com](http://www.holosun.com)

## **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 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.

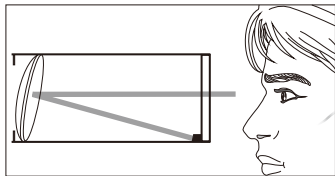


Fig 2

## Features

1. Mutil-Reticle System: 2 MOA dot only, 65 MOA circle only, or circle-dot options(SCRS-RD/GR-2 is 2 MOA dot only).
2. Solar power supply.
3. Built-in rechargeable battery.
4. A photosensitive sensor detects ambient lighting levels and automatically adjusts the brightness of the reticle to suit conditions.
5. Shake Awake™ - Motion on with last setting recall.
6. 8 day light and 4 night vision compatible brightness settings.
7. CNC milled 7075 Aluminum Housing.
8. 1.63" Mount Included.
9. IP67 Certified Waterproof.

## Multi Reticle System

The reticle for this sight is a 2MOA dot centered in a 65MOA circle with four positioning points. (SCRS-RD/GR-MRS only)

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.

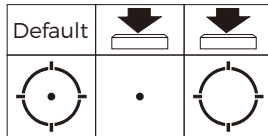


Fig3

## 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.

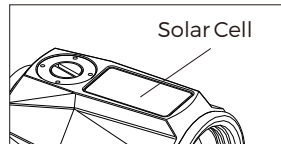


Fig 4

**Auto mode: Internal battery performance while in continuous use**

In Transport or Dark Environment	Working Current: 15 $\mu$ A	Discharge Duration: 4000h
Indoor Environment	Working Current: 30 $\mu$ A	Discharge Duration: 2000h
Outdoor Environment	Charging Current: 100~400 $\mu$ A	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.

**Caution:**

1. Battery type (ML2032).
2. Nominal voltage: (3V).
3. 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.
4. Even used batteries may cause severe injury or death.
5. Call a local poison control center for treatment information.
6. Non-rechargeable batteries are not to be recharged.
7. 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.
8. This product contains a non- replaceable battery.

## 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\*.

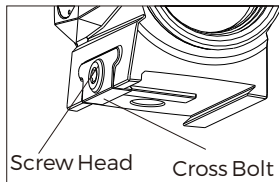


Fig 5

### 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(See Fig 5).

- 3) Using the included 11mm tool to loosen the nut (See Fig 6) . and move the clamp block enough to attach to the mount to the Picatinny rail.
- 4) Tighten the 11mm mounting nut to 30-40 in/lbs.

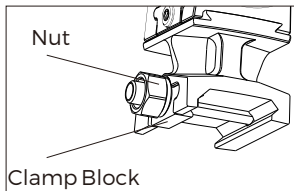


Fig 6

## 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.

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, 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: If lighting is low, 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

12 according to ambient lighting while in auto mode.

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.

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 sleep 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 SCRS-GR is 2.3Vdc)

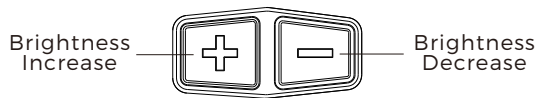


Fig 7

## 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 POA (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 25 yard, 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 LEFT (clockwise)

- 5) The maximum adjustment range is  $\pm 50$ MOA from center.

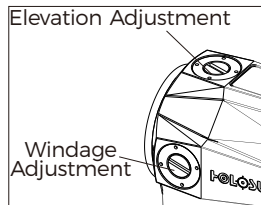


Fig 8

**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.

## Included Tool

1. Flat tipped end is used to adjust the Windage & Elevation.
2. T10 Torx tool for screws(see Fig 9).
3. 11mm Hexagon wrench for nut(see Fig 10).

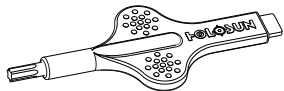


Fig 9



Fig 10

## Configuration

CONFIGURATION	Reticle	LED Color	Housing Color
SCRS-RD-2	2 MOA Dot	Red	Black
SCRS-GR-2	2 MOA Dot	Green	Black
SCRS-RD-MRS	2MOA Dot & 65MOA Circle	Red	Black
SCRS-GR-MRS	2MOA Dot & 65MOA Circle	Green	Black

## Package Contents

The package should contain the following items:

1. SCRS sight
2. 1.63" pedestal mount
3. HOLOSUN card
4. User manual
5. Cleaning cloth
6. Desiccant
7. T10 Torx tool
8. 11mm Hexagon wrench

## 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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