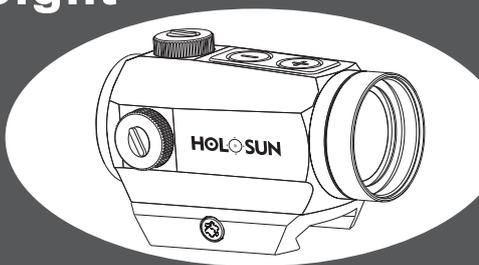


Red Dot Sight User's Manual

www.holosun.com



Thank you for purchasing the PARALOW HS403A Red Dot sight. Please read the User's Manual carefully.

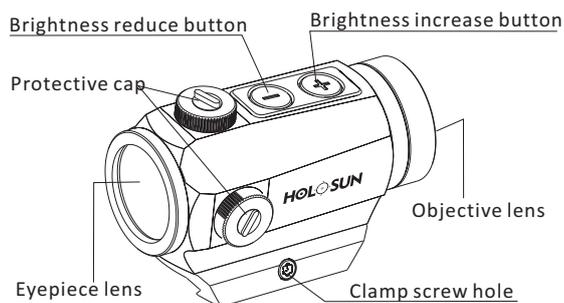


Fig1 PARALOW HS403A Red Dot Sight

Features

- Covert aiming:** When aiming, the red dot is projected within the sight so no light can be detected by the target. Unlike a laser sight that appears as a dot that can be seen on and by the target.
- Full field of view for target acquisition:** The user can gain rapid target acquisition and situational awareness while aiming with both eyes open.
- Low power consumption:** Only a few micro-amperes of current are required for sight operation. Sight runs on one battery for up to 50,000 hours. When battery replacement is required, the battery compartment is concealed in the base.
- Motion power on:** The sensitive sensor will turn on the power with any motion detection.
- Parallax free optical system:** Parallax is $\leq \pm 1\text{MOA}$.
- Sleep time delay:** The sight will be automatically entered into sleep mode after not being used for 8 hours.
- Brightness adjustment:** There are 12 settings (10 Daylight+2NV) for the reticle so as to match the ambient lighting conditions.
- Memory function:** The sight will remember the last saved brightness setting when powered on and off.
- Two top mounted buttons:** The top mounted buttons allow for easy operation without obstructing the user's vision.
- Waterproof:** IP67

Important notices

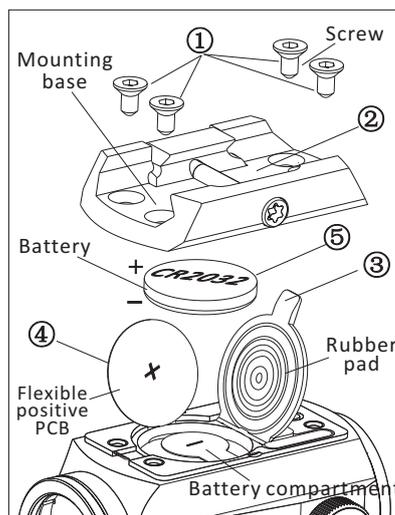
- Ensure that the firearm is completely unloaded and safe before device installation, sighting in, or installing a new battery.
- Please keep the packaging should you need to make a warranty claim.

Battery

- The operating voltage for this device is DC 3V using one high quality CR2032 Lithium battery.
- The battery life is up to 50,000 hours. Almost no need to change the battery. The battery is housed in the base, out of the way.
- Battery Replacement:

Please follow the steps below for battery replacement when battery runs out or for other conditions that require the battery to be changed (Fig2):

- Dismount the device from the firearm.
- Please follow the steps below for dismantling the mounting base and battery replacement:
 - Unscrew and remove the 4 screws from the mounting base with Torx wrench.
 - Remove the mounting base.
 - Uncover the rubber pad.
 - Open the flexible positive Printed Circuit Board.
 - Remove the battery, insert new battery into the compartment with correct "+" and "-" polarities shown in diagram.
- Close the flexible positive Printed Circuit Board and rubber pad in order, as in Fig 2. Install the mounting base by tightening the 4 screws with Torx wrench to finish the battery replacement. Tighten evenly by tightening screws on diagonal corners.



Note:

- Gently open the rubber pad and positive Printed Circuit Board, otherwise it may tear.
- The device may need zero alignment after the battery replacement.

Fig 2

Installation

- The mounting bracket is adaptable to any firearm with a Picatinny Rail.
- First insert the appropriate Torx wrench into the clamp screw head, rotate to loosen the cross bolt and then slide the sight into the firearm rail to an appropriate position. Finally tighten the clamp screw. (Fig3)

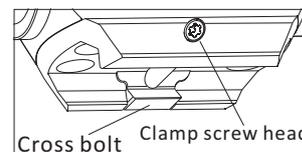


Fig 3

Sight operation

The operating buttons are on the top of sight. (see Fig4)

1. Operation

- 1) Switch on: Press and release either brightness button ("+" or "-") to turn on the sight.
- 2) Brightness adjustment: There are 12 brightness settings. The default brightness is the 7th level. Press the "+" or "-" button until the red dot has a sufficient intensity to contrast against the target. One quick press and release changes brightness.
- 3) Power off: Press the "+" and "-" buttons simultaneously will turn the power and motion sensor off.

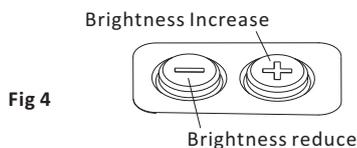
Note: The sight will remember the last saved brightness setting when powered on and off.

2. Motion sensor

- 1) Motion sensor is always enabled when the sight is on or in sleep mode.
- 2) The sight will instantaneously wake up and turn on with any motion detection to last saved setting.

3. Sleep time delay

- 1) Please note that your red dot will automatically enter into sleep mode After 8 hours of no movement.
- 2) The sleep time delay could be adjusted from 0 to 12 hours.
- 3) Sleep time delay
 - a) Press the "+" button for 3 seconds to enter time adjustment mode. The red dot will blink. The number of blinks represents the current time delay. One blink represents one hour of time delay. (e.g. 8 blinks=8 hours)
 - b) Press the "+" or "-" button to set the time. Pressing "+" or "-" one or more times will increase or decrease the time by one hour for each press. The LED will blink once to confirm each time a button is pressed. If the sleep time delay is set to "0", the feature is disabled.
 - c) Then press the "+" button for 3 seconds to confirm the new setting and exit the time adjustment mode.



Zero setting

1. On top of the sight is the elevation adjusting turret, windage adjusting turret is on the right side (see Fig5). The sight has been factory adjusted for approximate zero.
2. The built in screwdriver tool on the protective cap can be used for zeroing alignment (see Fig6). See label inside cap.
3. First open the protective cap (see Fig1), position slot type screwdriver on the slotted screw, then rotate the screw to right or left for adjustment. Each left or right click is for one adjustment equivalent to 0.5MOA value.
4. Adjust the Elevation turret counterclockwise to move the point of impact UP. Adjust the Windage turret counterclockwise to move the point of impact to the RIGHT. Turning either turret clockwise moves the point of impact in the opposite direction.

5. Caution:

Don't try to over rotate the turrets. If you feel the turrets cannot be rotated, this indicates you have reached the adjustment limit, otherwise the sight may be damaged. If the required adjusting range is beyond the limits, consider adding an extra spacer between the device and mounting rail to allow for additional adjustment.

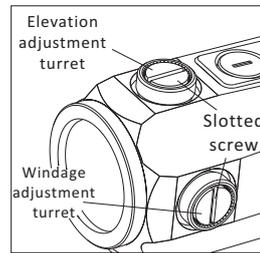


Fig 5

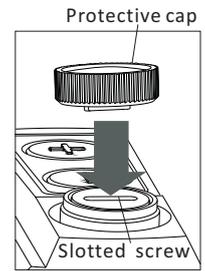


Fig 6

Maintenance and care

This device is a precision instrument that deserves reasonably cautious care. The following tips are provided to ensure long lasting use of the sight.

The optical system, including the objective lens and eyepiece lens are multi-coated optical glass. When cleaning the lenses, blow away the dust on surface, wet the lens with lens cleaner or clean water, wiping the fingerprint or other oils with lens tissue, soft cotton or microfiber cloth. No special maintenance is needed for the housing surface. Avoid touching the glass surface with dry cloth or tissue paper. Do not use organic solvents such as alcohol or acetone. 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.

If repair is needed, you can call our customer service center, visit our website, or send an email to us.

Limited warranty

SUMMARY

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 product found to be defective under normal use and service 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 <http://www.holosun.com> for current and complete warranty information and other conditions.

PARALOW HS403A
Red Dot sight

HOLOSUN
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Customer Service

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