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› HOLOSUN HS403B 2 MOA Dot Micro Sight User Manual

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HOLOSUN HS403B 2 MOA Dot Micro Sight User Manual

Brand: HOLOSUN | Model: HS403B

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your HOLOSUN HS403B 2 MOA Dot Micro Sight. Designed for rifle and carbine applications, the HS403B features a durable aluminum housing, a 2 MOA Red Super LED dot, and Holosun's innovative Shake-Awake technology for extended battery life. Please read this manual thoroughly before using your sight to ensure safe and effective operation.

KEY FEATURES

- **2 MOA Red Dot:** Features Holosun's ultra-efficient 650nm Red Super LED for a precise 2 MOA dot.
- **Shake-Awake Technology:** Extends battery life by deactivating the LED when not in use and instantly reactivating it upon motion.
- **Multilayer Reflective Glass:** Optical-quality glass lenses with multilayer coatings for maximum light transmission, reduced glare, and enhanced clarity.
- **Durable Construction:** Housing made from 6061 aluminum for robust and waterproof performance.
- **Extended Battery Life:** Super LED technology provides up to 50,000 hours of battery life on a single CR2032 battery.
- **Brightness Settings:** 12 reticle intensity settings, including 10 for daylight and 2 for night vision compatibility.
- **Mounting Options:** Includes both a lower 1/3 co-witness mount (1.63") and a low mount (0.75") for versatile application.

PACKAGE CONTENTS

Upon opening your HOLOSUN HS403B package, please verify that all the following items are included:

- HOLOSUN HS403B Micro Sight
- Lower 1/3 Co-witness Mount (pre-installed)
- Low Mount

- CR2032 Battery
- Rubber Lens Cover
- Lens Cloth
- T10 L Key (Torx wrench)
- User's Manual / FAQ Guide
- Silica Gel Packet



Image: The HOLOSUN HS403B Micro Sight along with its standard accessories, including the two mounts, lens covers, and tools.

SETUP

1. Battery Installation

1. Locate the battery tray on the side of the sight.
2. Using the provided T10 L key, loosen the two screws on the battery tray.
3. Carefully pull out the battery tray.
4. Insert the CR2032 battery with the positive (+) side facing upwards into the tray.
5. Slide the battery tray back into the sight and secure it with the two screws. Ensure a snug fit to maintain waterproof integrity.



Image: Side view of the HS403B sight, highlighting the battery tray location for CR2032 battery insertion.

2. Mounting the Sight

The HS403B comes with two mounts: a lower 1/3 co-witness mount (pre-installed) and a low mount. Choose the appropriate mount for your firearm application.

1. If changing mounts, use the T10 L key to remove the sight from the current mount.
2. Attach the desired mount to the Picatinny rail of your rifle or carbine. Ensure the mount is securely fastened.
3. Attach the HS403B sight to the chosen mount, aligning the screw holes, and tighten the screws firmly using the T10 L key.



Image: An angled view of the HS403B sight, demonstrating its compact size and how it sits on a Picatinny rail mount.

3. Zeroing the Sight

Zeroing your red dot sight is crucial for accuracy. This process should be performed at a safe shooting range.

1. Set up a target at a known distance (e.g., 25 or 50 yards).
2. Fire a group of shots while aiming at the center of the target.
3. Observe the point of impact relative to your aim point.
4. Use the windage (W) and elevation (E) adjustment turrets to move the point of impact. Each click adjusts the point of impact by 0.5 MOA.
 - To move the point of impact **UP**, turn the **E** (Elevation) turret counter-clockwise.
 - To move the point of impact **DOWN**, turn the **E** (Elevation) turret clockwise.
 - To move the point of impact **RIGHT**, turn the **W** (Windage) turret counter-clockwise.
 - To move the point of impact **LEFT**, turn the **W** (Windage) turret clockwise.
5. Repeat firing and adjusting until your point of impact matches your aim point.



Image: Front view of the HS403B, showing the objective lens and the clear glass with the red dot visible.

OPERATING THE SIGHT

1. Power On/Off and Brightness Adjustment

The HS403B utilizes two buttons on the top of the housing for operation:

- Press either the "+" or "-" button to turn the sight **ON**.
- Press and hold the "-" button for 3 seconds to turn the sight **OFF**.
- Press the "+" button to increase brightness.
- Press the "-" button to decrease brightness.
- The sight has 12 brightness settings: 10 for daylight and 2 for night vision.

2. Shake-Awake Technology

The Shake-Awake feature is designed to conserve battery life. After a period of no motion, the LED will automatically turn off. The default setting is 10 minutes, but this can be adjusted from 10 minutes to 12 hours, or deactivated entirely, depending on the model. The slightest movement of the optic will instantly reactivate the LED to the last used brightness setting.

To adjust the Shake-Awake timer or deactivate it, refer to the detailed instructions in the included FAQ Guide or the official Holosun website.

MAINTENANCE

1. Cleaning the Lenses

To maintain optical clarity, regularly clean the lenses of your HS403B sight. Use the provided lens cloth or a soft, clean microfiber cloth. For stubborn smudges, a small amount of lens cleaning solution designed for optics can be applied to the cloth, not directly to the lens.

Avoid using abrasive materials or harsh chemicals, as these can damage the lens coatings.

2. Battery Replacement

When the dot appears dim or flickers, it may be time to replace the CR2032 battery. Follow the battery installation steps outlined in the "Setup" section. Always use a fresh, high-quality CR2032 battery for optimal performance.

3. Storage

When not in use, store your HOLOSUN HS403B in a cool, dry place. Ensure the rubber lens cover is in place to protect the lenses from dust and scratches. If storing for an extended period, consider removing the battery to prevent potential leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Optic will not turn on.	Battery incorrectly installed or depleted.	Check battery orientation (positive side up). Replace battery if depleted. Ensure battery tray screws are tightened.
Dot is irregular or blurry.	Astigmatism (user's eye condition) or dirty lens.	Clean the lens. If the issue persists, consult an optometrist as it may be due to astigmatism.
Dot appears dim or flickers.	Low battery.	Replace the CR2032 battery.
Shake-Awake not working.	Feature deactivated or incorrect settings.	Check Shake-Awake settings in the user manual/FAQ guide and ensure it is enabled.

SPECIFICATIONS

Feature	Detail
Brand	HOLOSUN
Model Name	HS403B
Reticle	Red 2 MOA Dot

Feature	Detail
Light Wavelength	650nm
Magnification	1x
Objective Lens Diameter	20 Millimeters
Parallax	Parallax Free
Eye Relief	Unlimited
Power Source	Battery (CR2032)
Battery Life	Up to 50,000 hours
Brightness Settings	10 Daylight & 2 NV
Housing Material	6061 T6 Aluminum
Adjustment per Click	0.5 MOA
W&E Travel Range	±50 MOA
Color	Black
Item Weight	4.32 ounces
Compatible Devices	Rifle
Mounting Type	Picatinny Mount

WARRANTY AND SUPPORT

The HOLOSUN HS403B Micro Sight comes with a **2-Year Manufacturer Warranty**. For warranty claims, technical support, or additional product information, please contact HOLOSUN directly or visit their official store.

Official HOLOSUN Store: [HOLOSUN Store on Amazon](#)