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Aimpoint Duty RDS

Aimpoint Duty RDS Red Dot Reflex Sight 2 MOA dot User Manual

Model: Duty RDS | Brand: Aimpoint

1. PRODUCT OVERVIEW

The Aimpoint Duty RDS Red Dot Reflex Sight is a robust and reliable optical sight designed for rapid target acquisition. Featuring a precise 2 MOA dot, it offers exceptional battery life and durability for various applications. This manual provides essential information for the proper setup, operation, and maintenance of your Duty RDS sight.



Figure 1: Aimpoint Duty RDS Red Dot Reflex Sight with front and rear lens covers open, showcasing the optical path.

2. INCLUDED COMPONENTS

- Aimpoint Duty RDS Red Dot Reflex Sight
- One-piece Torsion Nut Mount
- Spacer for mount
- Allen T10 wrench (Torx)
- Flip-Up lens covers (front with black/solid, rear transparent)
- CR2032 battery
- User Manual (this document)

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment cap on the side of the sight.
2. Unscrew the cap counter-clockwise.
3. Insert the supplied CR2032 battery with the positive (+) terminal facing outwards.
4. Carefully screw the cap back on clockwise until finger-tight. Ensure the O-ring is properly seated to maintain waterproof integrity.

Your browser does not support the video tag.

Video 1: Official Aimpoint video demonstrating the installation of the CR2032 battery into the Duty RDS sight.

3.2 Mounting the Sight

The Aimpoint Duty RDS comes with an integral Picatinny-style base for easy attachment to any Picatinny rail. Use the provided T10 Allen wrench to secure the mount firmly to your device. Ensure the sight is mounted securely to prevent movement during use.



Figure 2: The Aimpoint Duty RDS sight shown with its integrated Picatinny mount, ready for installation.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Brightness Adjustment

The sight features 10 brightness settings. The first 7 settings are for night vision compatibility, and the remaining settings are for daylight conditions. Adjust the brightness using the tactile buttons located on the side of the sight to suit ambient light conditions.

4.2 Windage and Elevation Adjustments

Windage and elevation adjustments are protected by screw caps. Unscrew these caps to reveal the adjustment mechanisms. Use a flathead screwdriver or a coin to make precise adjustments. Each click typically corresponds to a specific change in point of impact at a given distance. Refer to the detailed user manual for specific click values.



Figure 3: Side view of the Aimpoint Duty RDS, highlighting the protected windage and elevation adjustment caps.

5. MAINTENANCE

5.1 General Care and Cleaning

Keep the sight clean from dust and debris. Use a soft, lint-free cloth to wipe the exterior. For lenses, use a lens cleaning pen or a soft brush to remove loose particles, then gently wipe with a lens cleaning cloth and solution if

necessary. Avoid abrasive materials that could scratch the lenses.

5.2 Waterproofing

The Aimpoint Duty RDS is submersible to 80 feet (25 meters). Ensure all caps, especially the battery compartment cap, are securely tightened to maintain its waterproof capabilities. Regularly inspect O-rings for any signs of wear or damage.

6. TROUBLESHOOTING

If the red dot does not illuminate or appears dim:

- Check the battery: Ensure it is correctly installed with the positive (+) terminal facing outwards and is not depleted. Replace if necessary.
- Clean battery contacts: Gently clean the battery contacts inside the compartment and on the battery itself.
- Adjust brightness: Increase the brightness setting using the control buttons.
- Secure caps: Ensure the battery compartment cap is fully tightened.

For other issues, consult the full user manual or contact Aimpoint customer support.

7. SPECIFICATIONS

Feature	Specification
Reticle Type	2 MOA dot
Battery Life	30,000 hours (over 3 years) of constant operation on setting 6
Battery Type	CR2032 (included)
Brightness Settings	10 (7 night vision compatible, 3 daylight)
Mounting Type	Integral Picatinny-style base
Submersibility	80 feet (25 meters)
Weight (sight only)	3.8 oz / 108 g
Material	Aluminum
Objective Lens Diameter	39 Millimeters
Magnification	1 x

8. WARRANTY AND SUPPORT

Aimpoint guarantees its products to be free from original manufacturer defects in material and/or workmanship under normal use for a period of 2 years for professional or competition use and 10 years for personal use from the date of purchase.

For further assistance, product registration, or warranty claims, please visit the official Aimpoint website or contact their customer support directly.

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